

ECSed11100 EOSView needs to be installed on AIT & DPS machines. 010298
This probably should not be a severity 1 as there is a workaround.

The EOSView executable can be ftped to the AITTL and DPS machines
from the client machine.

--Naga Hariharan

ECSed12700 ECS ASSIST: EcInInter binary installed to incorrect directory 030498
IMPACT....

Interactive Ingest will not start up if the binary is in the wrong directory.
Minimal impact since there is a simple workaround (see below).

WORKAROUND....

Manually copied the binary to the correct directory.

ECSed14800 Mkcfig Creating incorrect entries in config file 051398 Problem 2 has been already fixed
on the baseline.

Since an easy workaround for problem 1 is to use a password which does not
have special characters in them.

Beacuse of the easy workaround, I suggest that this NCR be downgraded to sev 2

Naga Hariharan

ECSed14800 Mkcfig Creating incorrect entries in config file 051398 After talking to Damian
Anderson, it is almost impossible to allow special
charactes for values when entering them through the ECS-Assist Mkcfig GUI.

Even, if it is determined that the special characters have to be handled, the
fix lies in the ECS-Assist script libraries.

Since the workaround (See "Workaround") is fairly straight forward, and is
the normal way of allowing special characters in scripts, I suggest that
this NCR be closed.

Naga Hariharan

ECSed16400 DTTEST6 Converts ESDT Names to All Caps 072498 PROBLEM
DESCRIPTION.... Drop4P1 software included ESDTs for NOAA and FOS data.
These ESDT ShortNames include combinations of upper and lower case characters.
When using the dttest6 driver to search on these data types, the ShortNames
are converted to all uppercase and the search of the db subsequently fails (it
searches for VEGINDX3 instead of VegIndx3).

This simply means operators won't be able to use the test driver to search or
acquire FOS or some NOAA data. The workaround is to use the B0SOT, it doesn't
have the same problem. This is more of an impact to development and test
personnel.

A list of the ESDTs that this applies to follows:

VegIndx3

VegIxPWI

VegIxQCD

VegIxSZA
VegIxScA
VegIxch1
VegIxch2
VegIxch4
VegIxch5
AM1Ephem
AM1GDTrk
AM1OrNum
ActSched
PrOrbEvn

An excerpt from the SDSRV ALOG follows:

PID : 20845:MsgLink :0 meaningfulname :DsShSRequestRealSetStateSettingState
Msg: Request 17824700 state set to EXECUTE
Priority: 0 Time : 07/22/98 08:15:16
PID : 20845:MsgLink :0 meaningfulname :DsSrSessionExecuteRequestStart0
Msg: startmsg.Get()
Priority: 0 Time : 07/22/98 08:15:16
PID : 20845:MsgLink :0 meaningfulname :DsSrSessionExecuteRqExec
Msg: TransactionID=\a0f9f59a-215d-11d2-9d2e-c676e82eaa77:????:\ NumCommands=\1\
Priority: 2 Time : 07/22/98 08:15:16
PID : 20845:MsgLink :0 meaningfulname :DsSrSessionExecuteSubRqRecvd
Msg: TransactionID=\a0f9f59a-215d-11d2-9d2e-c676e82eaa77:????:\ CommandNum=
RequestType=\SC\
Priority: 2 Time : 07/22/98 08:15:16
PID : 20845:MsgLink :0 meaningfulname :DsSrGenCatalogPoolAcquireCatalogAcquiredI
ndex
Msg: Acquired index 0/3 in 1 tries Priority: 0 Time : 07/22/98 08:15:16
PID : 20845:MsgLink :0 meaningfulname :DsMdCatalogSearchshowsqli
Msg: The SQL is SELECT dbID = CONVERT(varchar(30), a71.dbID) FROM DsMdGranules
a71 WHERE ((a71.ShortName = "VEGINDX3")) Priority: 0 Time : 07/22/98 08:15:16
PID : 20845:MsgLink :0 meaningfulname :DsMdCatalogSearchsearchdone
Msg: Search completed, unloading ID's
Priority: 0 Time : 07/22/98 08:15:16
PID : 20845:MsgLink :0 meaningfulname :DsSrGenCatalogPoolReleaseCatalogReleasedI
ndex
Msg: Released index 0 Priority: 0 Time : 07/22/98 08:15:16
PID : 20845:MsgLink :0 meaningfulname :DsSrSessionExecuteSubRqComplete
Msg: TransactionID=\a0f9f59a-215d-11d2-9d2e-c676e82eaa77:????:\ CommandNum=
RequestType=\SC\
Priority: 2 Time : 07/22/98 08:15:16
PID : 20845:MsgLink :0 meaningfulname :DsSrSessionExecuteCommandComplt
Msg: Command 1/1 execution complete for Request ID -351792756, Success: 1
Priority: 0 Time : 07/22/98 08:15:16

ECSed10501 SSIT: PgeRegistration: Changing ESDT version causes error 121097 To workaround
the problem you need to update the PDPS database as
follows:

- 1) login into the pdps database as dbo
- 2) set the correct database by issuing the command:
use pdps<_MODE>

```
go
where "_MODE" is needed for any mode other than OPS.
3) issue the command:
drop index PIDataTypeMaster.PIDataTypeMaster_OC1
go
```

This will remove the DataTypeName as an index.

-- m. Mauthe (01/13/98)

ECSed10501 SSIT: PgeRegistration: Changing ESDT version causes error 121097 This problem was also encountered during Drop 3 testing in the VATC. In addition to not being able to register the same PGE with a different ESDT version, a different PGE can not be registered using the same ESDT type with a different version. There is no workaround for this problem.

IMPACT: PGE's can not be registered which use an ESDT that has already been registered with a different version number.

WORKAROUND: none.

In light of this additional information and the lack of a workaround, I am changing the severity of this NCR to a sev 1.

ECSed10101 PDPS DB:Cannot register PGEs 112397 Please describe your Analysis:

The problem is the triggers on the PDPS database. For some reason the trigger for the table PIDataTypeReq is keeping the ODL from inserting into the database.

Greg Dobbins and I ran a test with the trigger removed and the problem went away. This is a possible work around.

-- M. Mauthe

Dropping the update trigger on table PIDataTypeReq caused the problem to go away; however, there does not appear to be anything wrong with this trigger. The error message from Sybase that appears in the error log indicates that an attempt was made to insert a duplicate primary key in table PIAAlternate, but this does not correlate with the state of the program at the time execution was aborted. The trigger will cascade the update to PIAAlternate, but this does not cause an insert to occur. Moreover, the primary keys are just being updated to the same value. Need to demonstrate for the Sybase consultant.

-- G. Dobbins

We dropped the trigger (TrigUpdPldataTypeReq) on 11/26. I have changed the severity of this NCR from a 1 to a 2 as this is a workaround until a permanent solution can be found.

-- A. Whiteleather

ECSed05401 Can't acquire the same file twice 123096 Please describe the problem you are experiencing below, including what you did, what you expected to happen, and what actually happened:

Currently, the same file cannot be acquired more than once unless contents related to it have been removed from the Pull Data Base. Operationally, the same file should be able to be acquired multiple times, and STMGT software should keep track of the number of times the file(s) has been requested.

A workaround exists, where the contents of the pull data base are deleted manually via sybase. The same acquire can then be attempted again.

ECSed11201 Database Queries from Web Page 010898 Please describe the problem you are experiencing below, including what you did, what you expected to happen, and what actually happened:

Using Web Page PID form, html a Database Query yields a empty result with a valid mnemonic input.

This needs to be corrected so that this functionality may be used as a workaround for INFOWINDOW

Hardy Foster 1/8/97 2.1.0

ECSed06801 Errors in generating FUI ODF 052097 Please describe the problem you are experiencing below, including what you did, what you expected to happen, and what actually happened:

Received errors generating FUI ODF. Change to Sybase table was required workaround change needs to be delivered.

CW Murphy

5/17/97

ECSed11401 SSIT: Process Control File Checker does not work 011698

Both of these problems result from pctcheck not being properly named.

NCR ECSed10084 was opened and resolved regarding this issue.

That NCR contains the workaround. This problem is fixed in drop 3.

ECSed14101 Reflectors on Data Server Causing Duplicate TLM Packets 041698 Please describe the problem you are experiencing below, including what you did, what you expected to happen, and what actually happened:

Software version 2.1.5e4

Sporadically, in the Event_Display, messages appear that packets are being missed. A look at the ports using tcpdump shows that wasp.eoc.ecs.nasa.gov (Data Server) is a source of the packets. This is apparently being caused by the reflectors for the ISTs. The workaround is to run rkillm then jkill, then the ReflectorStartup.script (written for this specific problem.) This kills and restarts the Reflectors.

Rob Messerly

4/2/98

ECSed15301 No Error Message When Plan Fails to Activate 060498 Describe the Reason for closing this NCR?

Shelia,

>From the CCB meeting of September 3, 1998:

Concurrence is granted for the following NCRs -

13175	13165	13161	15327	16728	16729
16730	16737	16721	16719	16480	15301

Concurrence is NOT granted for the following NCRs -

13771 - (From Jim Gallasso) "The assumption made for the implementation of multi-granule ESDTs is incorrect. The assumption is that if a multi-granule ESDT is used over a time period that each granule would represent a subset of the total time period.

"MISR has implemented the multi-granule ESDTs not based on time, but based on camera. Each instance of the multi-granule ESDT contains data for the same time period, but for a different camera.

"The resolution and the verification statements in this NCR are incorrect and should be withdrawn as they are based souly on an assumption. The workaround mentioned is also based on the same assumption which is inaccurate, therefore the workaround will not work.

"Since another NCR is open on the multi-granule ESDT issue, I recommend to the NCR board to close as a duplicate of: NCR 16745. Thank you."

14463 - The resolution to this problem is not clear. "What did you do to resolve this?"

Brian K. Engle
Tracking Ticket Administrator

ECSed18101 Parser.sh fails to parse EDR messages from ASTER 092698 IMPACT....

EDR's from ASTER are not processed.

WORKAROUND....

All incoming messages from ASTER are sent to the SMC at GSF where they are

logged by the EcMsAsRemoveHeader.pl scripts. The current workaround is

1. Copy any ASTER EDRs found in the log to another file
2. Change the "To: " field back to EDRequest@m0css03.ecs.nasa.gov because the MSS perl scripts modify this field before they log the message.
3. Add brackets around email addr in "Reply-To" field
4. Remove the "Apparently-To" field to avoid problem referenced in ECSed18057
5. send message via "/usr/lib/sendmail -t < modifiedfilename"

ECSed16901 DDICT: Server is does not return searchable attribute for searches. 081198 This software is only used in 5A as a search engine. The impact is that an operator would have to manually update the data files used by JEST to have the searchable flag set to something sensible.

The workaround in the lab is to vi the file and modify it to get rid of the error codes and set the searchable flag to 1 since everything in the DDICT server is currently set that way. This is not a workable solution when 5A goes operational.

ECSed04402 ODLToGI should check ODL datatypes as well as dictionary datatypes. 110696 Please describe the problem you are experiencing below, including what you did, what you expected to happen, and what actually happened:

The code that converts ODL from a given MCF file assumes that the ODL datatype is the same as the expected type. For example, in the test MCF file the ScienceReviewStatus value was 1.2. ODL interprets this as a real number. The DsMdMetadata software assumes that this is a string because it is a string in the dictionary. This causes a core dump.

As a workaround, change the MCF file to "1.2".

ECSed11302 GWClient driver will not start up using "EcInStartGwClient" script 011398 Please describe your Analysis:

The Gateway Client Driver does not need its own config files, but the scripts require a name corresponding to the executable, so the file:

```
/ecs/formal/INGEST/scripts/EcInAutoMkcfg
```

has been changed to make a link from:

```
${CFGDIR}/EcInGWClientDrv.CFG to ${CFGDIR}/EcInAuto.CFG and  
${CFGDIR}/EcInGWClientDrv.PCFG to ${CFGDIR}/EcInAuto.PCFG
```

This will create the names which the script expects and will fix the problem for future releases.

The workaround is to make these links by hand:

```
ln -s ${CFGDIR}/EcInAuto.CFG ${CFGDIR}/EcInGWClientDrv.CFG  
ln -s ${CFGDIR}/EcInAuto.PCFG ${CFGDIR}/EcInGWClientDrv.PCFG
```

where CFGDIR = /usr/ecs/\$MODE/CUSTOM/cfg

Damian Anderson (01/26/1998)

ECSed05402 Invalid Checksums 123096 Please describe the problem you are experiencing below, including what you did, what you expected to happen, and what actually happened:

When ingesting data, STMGT does not obtain the proper file size and checksum. Therefore, files cannot be acquired from the archived and distributed because they fail the checksum test.

As a workaround, the checksum check has been turned off. When this NCR is fixed, the checksum check must be turned back on in the code.

ECSed12702 ECS ASSIST: delete of EcInGran(x) CDS Objects not successful 030498 IMPACT....

If the EcInGran1 and EcInGran2 CDS Objects are not cleaned up correctly it will result in communication problems. This is a minimal impact since a simple workaround exists (see below).

WORKAROUND....

I created a script which will cleanup the EcInGran1 and EcInGran2 CDS Objects which can be run prior to starting the Ingest Subsystem.

ECSed15202 MOD09GST workaround 052998 In order to continue SSIT work in the TS1 mode for PGE 21 and 22 the following workaround will be implemented for the MOD09GST ESDT:

An informal MOD09GST delivery given by ECS to J.Dewald on February 17, 1998 will be registered by G.Xian in the TS1 SDSRV. Upon receipt of the ESDT "Superpatch" expected during the week of 6/1/98 the workaround ESDT will be compared by J.Dewald to the formal delivery for any differences. If differences are detected, the workaround will be deleted from the data server and the "Superpatch" ESDT will be installed and tested by the SSIT group. If no differences are detected, the workaround will continue to be utilized for SSIT activities.

The workaround ESDT descriptor and dll will be stored in the e0acs05 ESDTMGT area in a directory labeled "INFORMAL".

ECSed16402 ECS_ASSIST Doesn't Always Terminate Servers 072498 PROBLEM DESCRIPTION.... During checkout of the 4P and 4P1 software, it became apparent that ECS_ASSISTANT was not always terminating servers, or not always reporting that servers were up, creating cases where multiple servers were up, preventing checkout from completing.

Of course HPOV is supposed to be used to start/terminate servers, but during software installation, that isn't always the case. Until HPOV is configured, ECS_ASSISTANT must be used. Also, when HPOV is down for any reason, (installation of a patch, configuration, etc.), ECS_ASSISTANT must be used.

This problem caused a lot of time to be devoted to problems that weren't really problems at all. Requests weren't working simply because multiple

servers were up. This problem also seemed to be consistent in that it affected servers across the board - DDIST, SDSRV, ARCHIVE, and others (I specifically know of the DSS servers that were affected, but there were others in different subsystems affected as well).

When HPOV is unavailable and this problem arises, a workaround is to terminate the desired servers using ECS_ASSISTANT, and then do a

```
ps -ef | grep <MODE> | grep <server name>
```

to verify the server has actually come down before you restart it using ECS_ASSISTANT, or command line if bringing it up cold.

ECSed16402 ECS_ASSIST Doesn't Always Terminate Servers 072498
IMPACT.... Shouldn't impact too much since HPOV is actually the method to bring servers up and down. When HPOV is not available, a workaround exists to verify only one server is running.

ECSed17102 CoreLib: problem with "tile-to-tile" PGE. 081798 IMPACT....

The "tile-to-tile" PGE can't work properly if the PDPS database gets cleaned up frequently.

workaround:

Do not clean up PDPS database before creating DPRs for "tile-to-tile" PGE after its inputs become available.

ECSed17502 incorrect entry for oid_EcDpPrJobMgmt in OPS mode 082898 In order for the Job Management server to register in CDS correctly, you need to remove the _OPS after the line that contains oid_EcDpPrJobMgmt.

Impact

This .CFG entry is not a changeable option during mkcfg. Known workaround is to vi the file and remove the _OPS on Line 40.

ECSed17602 SDSRV DB: Filenames > 40 chars truncated in database 090198
Operationally, MISR PGE 8C and other MISR Level 2 PGEs cannot execute.

For SSIT, a workaround is currently being attempted, which consists of manually updating the database with the correct filenames.

Tom A. 1-Sep-98

ECSed17702 Can't Start 4PX Servers 090998
IMPACT.... We can't continue with 4PX checkout until this problem is fixed!!

Assigned test engineer: dhyde
Verification Due(yymmdd): 960802

VERIFICATION INFORMATION

Test Status (Pass/Fail)? : P
Elapsed test time (hrs): 0
Attachments (Y/N)? N (dhyde@puff)

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***** Problem *****

Please describe the problem you are experiencing below, including what you did, what you expected to happen, and what actually happened:

When the processes are killed on the dataserver, The Planning and scheduling processes sometimes do not come up correctly. The problem seems to be twofold: 1) The PAS Name Server database contains lots of defunct addresses, and 2) The PAS config files are not always left in a consistent state. The workaround is to run the "restore" script in the config directory and to delete the sns_register_pst table in the database prior to bringing up the data server.

***** Analysis *****

Please describe your analysis to this problem:

Need to modify Data Server startup script to remove PAS name server entries for that username.

Should also monitor resource model to see if it saves/reads stuff correctly

***** Resolution *****

Please describe your resolution to this problem:

The primary problem is that the planning & scheduling processes were not being brought down in the correct order, and were sometimes killed with the minus 9 option. Doing this to the resource model may cause the config files to be corrupted. Doing this to the nameserver may cause entries to remain after they are no longer valid.

Wrote a new kill script that brings down PAS in the correct order, waiting for each process to die before proceeding with the next. Also added a script to clean up the pas nameserver database prior to bringing up the dataserver.

***** History *****

xddts 960730 154429 Submitted to FOS_INTEGR_A by dhyde@puff
xddts 960730 154714 Enclosure "Problem" added by dhyde
xddts 960730 171212 N -> A (Assigned-Eval to dhyde) by dhyde
xddts 960730 171349 Enclosure Analysis added by dhyde
xddts 960730 171349 A -> O by dhyde
xddts 960802 143937 O -> R (Resolution = configuration) by
xddts 960802 144232 Enclosure Resolution added by
xddts 960802 144240 R -> T by
xddts 960802 144244 T -> V by dhyde
xddts 960828 103545 V -> C by ereiter

ECSed11203 Resource Scheduler does not committ reservation properly 010898 If the user creates a reservation using the Resource Scheduler, then saves, validates and approves the reservation; when the user tries to committ a pop up message appears. The messages reads as follows: PIRpSiWin :: CommittedBtnCb-Fail. However, if the GUI is reinvoked the reservations show up as committed.

This is a level 3 NCR because the Resource Scheduler is returning invalid information. This is misleading and the user will attempt to create duplicate reservations. There is a workaround, which is to reinvoke the GUI to see if the reservation is actually committed.

ECSed07503 Another Toolkit logical ID needs to work in SSIT software 070797 Use an LID not in the Toolkit range during SSIT registration, e.g., 1900 instead of 10900.

After the database is updated by SSIT software, use ISQL to change the LID back from 1900 to 10900 in table INPUT_DATA_SPECS.

This workaround has been used to successfully run both MOPITT and the ASTER ACT PGEs.

Tom 7-Jul

ECSed12503 ECS Assist error in PCFG file creation 022698
IMPACT....

A single line in some .PCFG files must be changed with a text editor.

Documentation for the build turnover will need to highlight this workaround.

ECSed14503 8MM Tape write request gets hung up while staging the data 050498

The NCR which really fixes the confusion between cases for 8mm (8MM) is 16299. Fix to 14503 was fixed (with the workaround for 16299) by a configuration change.

ECSed14803 FpAd - Initial commands of a new plan not displayed in param win 051398 Please describe the problem you are experiencing below, including

what you did, what you expected to happen, and what actually happened:

Brought up the activity definer and started a new activity. I then brought up the parameters window and it was empty as it should be. Opened the commands window and added a command and then clicked 'ok' on the command window to add the command to the activity.

The new command did not show up in the command list for the parameters window that is still up.

However, the workaround is easy as you just have to cancel the parameter window and bring it up again and the parameter display will show the added command.

ECSed15203 Inability to delete ASTER activity from timeline 053098 Please describe the problem you are experiencing below, including what you did, what you expected to happen, and what actually happened:

An ODA was submitted at the IST (rhinoe). The Load generator tool was used to perform a constraint check. Hard constraints were found. A timeline was opened with the "what-if" plan. (the activity was owned by ASTER.) An attempt was made to delete an ASTER activity to remove the hard constraint. A pop-up dialog box appeared showing "EOC doesn't have permission to delete activity". A workaround was found. By starting a second timeline tool with the same "what-if" plan the activity could be deleted.

This problem was recreated after recycling the entire IST. Tony Cetuk and Eric Reiter witnessed this.

Debbie Ramey

5/22/98

ECSed17003 User Account Management GUI: denying a request results in a core dump 081398 NCR
ID: ECSed16006 Status: CLOSED Submit Date: 980706
NCR Class: REL_B0_INFORMAL Project: RelB0_MSS Enclosures: 8

NCR TITLE....

ECS User Account GUI: Crashed During Deny Request Action

DETECTION INFORMATION....

REVIEW-ASSIGN INFORMATION....

Build Name[*]: Drop 4P1

Evaluate Engineer: yzheng

Test Site[*]: VATC

Assigned To: yzheng

Detection Method[*]: Acceptance Test Iteration [*]: Drop 4P Landsat

Detected-In-Phase[*]: Acceptance Testing

Build ID: D4P1

Test Case ID: B100110-010\$G_4P

Platform ID: tlsun01

Severity (1=Showstopper)[*]: 2

Need fix by [*]: Critical

Mode [*]: TS2

Trouble Ticket: No

SUBMITTER INFORMATION....

Submitter: dmccartn

NCR ID: ECSed16006 Status: CLOSED
NCR Class: REL_B0_INFORMAL Project: RelB0_MSS

TO BE FIXED INFORMATION....	VERIFICATION INFORMATION....
Problem Type[*]: source code	Test Status (Pass/Fail)?: P
Recommended Change[*]: source code	Elapsed Test Time (Hrs): 2
Est. Fix Time (Hrs): 1	Verification Site[*]: VATC
Est. Compl. Date (yymmdd): 980725	Verified Build ID: 4PL
Related NCR ID: N/A	Verified Platform ID: t1sun01

CLOSING INFORMATION....

RESOLUTION INFORMATION....	Closing Reason[*]: Fixed
Resolution[*]: source code	CCR#/NCR#: none
Resolved by: yzheng	Closing accepted by: sbarrier
Indicate_SLOC[*]: Modified	
Num_SLOC: 50	
Fixing Time (hrs): 1	
Documentation affected (Y/N)? N	
Affect CSCI: MCI	
Merge Build Id: N980727001	

***** Problem *****

PROBLEM DESCRIPTION....

Clicked on a username (testertwo) in the name field of the ECS User Account Management GUI and the GUI disappeared.

In the UNIX window:

Segmentation Fault
Core Dump on t1mss06

This is similar to NCR 11948, which was closed on 3/5/98,
The workaround is the same:

Type <Control><C> to redisplay the prompt
Type "!!" to redisplay the GUI
Repeat the action.

The GUI did not crash again.

No other ECS User Account GUIs were being used at the time.

Server showed no problems before or after the event.

However, the software was having some problems with a VTC value for the HOME DAAC field which is unique to the VATC and available for the first time in Drop 4P1.

Verification, in procedure, repeat steps 363-530 on a user with VTC as their original home DAAC.

Development support unavailable at the time.

***** Impact *****

IMPACT.... I think it only impacts VATC testing. However, further testing as the DAAC and review of how the software is working by development is needed to support that theory.

***** Workaround (Added 980717 by dmccartn) *****

Workaround:

Since this is an intermittent problem, the workaround is to carefully repeat the steps to select a user request and Deny it.

In particular, avoid trying to reselect another name until the processing for the first has completed (the clock cursor is removed and the arrow cursor will select another item on the GUI).

If the GUI gets confused with too many clicks, it seems to crash and core dump.

A repeat of this and core dump was shown to developer on 7/16.

***** Analysis *****

Please describe your Analysis:

Callback function for Deny Request is not handled event correctly.

***** Resolution *****

Please describe your resolution to this problem:

Source code has been changed for Deny Request callback

***** Previous Merge Build IDs *****

Please enter any related Merge Build ID(s) information:

1)

- 2)
- 3)
- 4)

***** Verification *****

Please describe your verification:

This NCR was verified by opening the ECS User Account Management GUI, EcMsAcRegGUIStart OPS. The usernames were retrieved from the database and selected as suggested in the Problem enclosure. Further verification was performed by following the Test procedure B100110-010\$G, System Access Via Desktop. Steps 363-530 from this procedure were used to verify that the deny request action would not cause the GUI to crash. The steps were performed without failure.

***** Closure *****

Describe the Reason for closing this NCR?

The NCR Board approved this NCR to be Closed on 9/16/98

***** History *****

xddts 980706 151519 Submitted to RelB0_MSS by dmccartn
xddts 980706 152311 Enclosure "Problem" added by dmccartn
xddts 980706 152428 Enclosure "Impact" added by dmccartn
xddts 980706 152617 Fields modified by dmccartn
xddts 980706 152706 enclosure "Problem" edited by dmccartn
xddts 980706 170733 N -> A (Assigned-to yzheng) by yzheng
xddts 980709 143333 Fields modified by sbarrier
xddts 980717 103728 Enclosure "Workaround" added by dmccartn
xddts 980728 100334 Enclosure "Analysis" added by yzheng
xddts 980728 100334 A -> R (Recommend-change = source code) by yzheng
xddts 980728 100511 Enclosure Resolution added by yzheng
xddts 980728 100511 R -> T by yzheng
xddts 980805 182832 Enclosure Previous Merge Build IDs added by yzheng
xddts 980805 182833 T -> T by usrdev04
xddts 980902 201902 Fields modified by jboliek
xddts 980914 163430 Enclosure "Verification" added by vkhatri
xddts 980914 163431 T -> V by vkhatri
xddts 980914 163556 V -> V by vkhatri
xddts 980914 163622 V -> V by vkhatri
xddts 980922 130814 Fields modified by sbarrier
xddts 980922 130838 Enclosure "Closure" added by sbarrier

xddts 980922 130839 V -> C by sbarrier

ECSed18403 PRE: MISR PGE 1 cannot stage Static granules by path number 100998
The workaround is to define Metadata Queries for the reason for the different science groups. In Tom's case, you would do a metadata query on AssociatedSensorShortName because that (the camera type) was the reason for the different science groups.

-- M. Mauthe

ECSed18403 PRE: MISR PGE 1 cannot stage Static granules by path number 100998

ATTEMPTED WORKAROUND

Made additions shown below to ESDT and PGE ODLs.
Killed DPR.
Reregistered PGE.
Created new DPR with PRE.
Saved PRE screen output in the miniDAAC as file
/home/cmts1/toma/pre_mpge1_AA_only_attempted_ncr18403_workaround.scr .

From that file:
10/09/98 17:47:11: In PIPge::GetStaticInput : Dprid = MPGE1#201A07143741TS1
datatypeid is = MIANPP#001 science group = L11
.
.
.
10/09/98 17:49:35: About to update DprData where dpr = MPGE1#201A07143741TS1
dg = MIANPP#001L190 logical id = 1305 and ioFlag = 0

In other words, it again updated the table PIDprData with the granuleID for ScienceGroup L19 (DF camera), whereas it should have updated it with ScienceGroup L11 (AA camera). See below. Notice the "L19" near the end of the granuleId string.

Database dumps are saved on odyssey as
misr_before_reregister_mpge1_for_attempted_ncr18403_workaround
misr_after_dpr_created_for_mpge1_for_attempted_ncr18403_workaround

Tom A. 9-Oct-98

Resulting Entry in PIDprData

1> select dprId,granuleId from PIDprData where dprId="MPGE1#201A07143741TS1"
and granuleId like "MIANPP%"
2> go
dprId
granuleId

MPGE1#201A07143741TS1
MIANPP#001L190

Addition to ESDT_MIANPP#001.odl

```
/* TWA 9-Oct-98 Attempted workaround for NCR 18403 */  
OBJECT = METADATA_DEFINITION  
  CLASS = 1  
  PARM_NAME = "AssociatedSensorShortName"  
  CONTAINER_NAME = "AssociatedPlatformInstrumentSensor"  
  TYPE = "STR"  
END_OBJECT = METADATA_DEFINITION
```

Addition to PGE_MPGE1#201AA01.odl

```
OBJECT = PCF_ENTRY  
.  
.  
  DATA_TYPE_NAME = "MIANPP"  
.  
.  
/* TWA 9-Oct-98 Attempted workaround for NCR 18403 */  
OBJECT = METADATA_QUERY  
  CLASS = 1  
  PARM_NAME = "AssociatedSensorShortName"  
  OPERATOR = "=="  
  VALUE = "AA"  
  END_OBJECT = METADATA_QUERY  
END_OBJECT = PCF_ENTRY
```

ECSed06204 SPRHW-LaRC-5 and SPRHW-LaRC-6 to work as a pair 042297 5/05/97 Status: This NCR was discussed with the Testbed DAAC Liaisons at the Testbed DAAC Telecon on 5/01/97. They concurred with the priority. The NCR was assigned to the M & O SEO Science Coordinator (Debbie Foch) to work with the SDE Personnel (Karin Loya) toward a solution, schedule, and staffing hours required to fix this problem.

Update provided by L. Lee on 05/22/97:

There are two possible approaches for implementing a multiple science processor configuration on the ECS Testbed (from SONG Yom, PDPS):

- 1) Configure a virtual machine, "sprlsgi", which consists of two actual hosts, sprl5sgi and sprl6sgi. No custom code changes are required. To support this approach, changes must be made to the UNIX /etc/hosts file (to add the nickname

"sprlsgi"), and to the AutoSys configuration (to add the virtual machine).

- 2) Change the custom code to configure two separate science processors. This part of the custom code has not yet been tested and verified.

The Langley DAAC CCB determined that approach #1 was the least invasive, easiest to implement, and had the highest immediate chance of success. This approach was implemented as an emergency workaround by Song Yom on 5/15/97, at the express direction of the Langley DAAC CCB. The M&O CCB chair was notified.

Approach #2 should be implemented and verified on the "5th Testbed" as it becomes available. At that time, the two approaches can be compared, and a decision can be made as to the preferred permanent implementation.

The results of this study should be carried over to Release B.

ECSed14104 EOC unable to forward SN scheduled to the EDOS (FTP) 041698 Please describe the problem you are experiencing below, including what you did, what you expected to happen, and what actually happened:

The EOC currently does not have the capability to FTP SN schedules to the EDOS. Reference the EOS/EDOS ICD dated August 1996. The workaround would be to hand carry the schedule to EDOS.

Ron Johnson
4/8/98

ECSed14504
problem:

Missing Database Values 050498 Please describe your resolution to this

The following is a synopsis of what happened based on conversations with the individuals involved:

- o It appears that during the initial install of the Purple Patch in the IPT Lab the Ingest_TS2 database was not successfully built from the DROP 4 baseline.
- o Development personnel got involved and provided a workaround. It was noticed that the database was not current (i.e. DROP 4) and was missing db values along with several .trg files.
- o NCRs were written against the "specific" values/files missing and not against Ingest_TS2 database not being at the current baseline.
- o Ingest and the Ingest_TS2 database was rebuilt successfully on Wednesday (5/6). NOTE: The Ingest_TS2 db had current db values and the current .trg files were installed.
- o Verification was performed by development today that the existing version of the Purple Patch in the IPT Lab with the DROP 4 Ingest_TS2 database is correct and working.

The two NCRs (14497 and 14504) will be resolved as "NOT A BUG" and will include a write up on the procedural steps to properly install Ingest and the Ingest_TS2 database. Bill and Laverne the installation instruction is as follows:

INSTALL PROCEDURES:

NOTE: The baseline version (DROP 4) of Ingest and the Ingest_TS2 database must be provided.

1) Using ECS ASSIST install the Ingest executables.

2) Using ECS ASSIST install the INGEST_TS2 Database (this is a separate tab on the ECS ASSIST GUI to install the database).

ECSed15504 Ingest Can't Create Staging Disk on ICL Due to Multiple Stag Srvrs 061198 PROBLEM DESCRIPTION.... Operationally, DAACs are set up with two staging areas - one for distribution on the drp h/w, and one for ingest on the icl h/w. In software delivered in 4P, The staging monitor servers are configured via the stmgmt gui/db. We've configured two sets of staging servers - ICL1 for the ingest staging area, and DRP1 for the distribution staging area. Now, when ingest attempts to ingest data that needs to be FTPd, the staging areas are intermixed in the staging log files on the ICL1 h/w. This is because the staging servers are now configured via the gui/db and the data base does not differentiate between Hardware CIs (HWCIs).

A crude workaround exists, where we do a cold restart on the DRP staging servers, then terminate the DRP staging servers, and then attempt the ingest with only the ICL staging servers up. The opposite would have to be performed before requesting an acquire.

It should be noted that the ICL hardware only has the StagingDiskServer running, no StagingMonitorServer (although we had to Configure a StagingMonitorICL1 server via the gui in order to configure the StagingDiskServer.

ECSed15504 Ingest Can't Create Staging Disk on ICL Due to Multiple Stag Srvrs 061198 IMPACT.... While a workaround exists, only ingests can be performed at the time the workaround is in place - No acquires can be performed since the DRP staging servers are down.

ECSed17704 DsDb Patch 4.7 Doesn't Install Correctly 090998 IMPACT.... We can't run the sdsrv without these updates, but a workaround does exist where the developers can manually make the changes in the script that are needed for it to run successfully.

ECSed18004 STMGT GUI ServerId can't modify 091898 The server ID is the primary key by which servers are identified and stored in the database. The effort to change a primary key is non-trivial, but will be investigated. The interim workaround is to delete the incorrectly named entry and insert a new entry with the correct server ID.

J.Crawford 10/14/98

ECSed18104 NCC ingester runs in a infinite loop after DataServer reboot 092698 Please describe the problem you are experiencing below, including what you did, what you expected to happen, and what actually happened:

The NCC Ingester gets stuck in a infinite scrolling loop whenever the DataServer is rebooted.

Workaround: Kill and restart the NCC Ingester in the Planning and Scheduling processes which is an acceptable temporary workaround but for the long term should be addressed for a fix as the constant scrolling of event messages will fill up the database and cause performance problems.

Dawn Turner (FOT)
(301) 614-5137

ECSed19193 EcPIRpSlayAll Doesn't Work 111898
EcPIRpSlayAll doesn't work. The workaround it to kill the processes manually.

ECSed19194 EcPIRpSlayAll Doesn't Work 111898
EcPIRpSlayAll doesn't work. The workaround is to kill the processes manually.

ECSed09705 Event display at IST's stops displaying events 110497 Please describe the problem you are experiencing below, including what you did, what you expected to happen, and what actually happened:

At each of the CERES, MISR, and MODIS IST's the event display stops displaying events shortly after the packet generator is started in the EOC. A number of out of limit event messages are received prior to the display locking. The EOC workstation event displays continue to display event messages correctly.

Rick Scannel recommended a workaround of having the command controller turn off limit checking for string 100, where the IST's were connecting to, to eliminate flooding the event display. This should not be an acceptable workaround for downgrading this NCR to a 2.

Scott Carter

ECSed09705 Event display at IST's stops displaying events 110497
Limits are now OFF by default; no workaround should be necessary.

Dave Grimes
6/5/98

ECSed09205 Another Toolkit logical ID needs to work in SSIT software 070797 Use an LID not in the Toolkit range during SSIT registration, e.g., 1900 instead of 10900.

After the database is updated by SSIT software, use ISQL to change the LID back from 1900 to 10900 in table INPUT_DATA_SPECS.

This workaround has been used to successfully run both MOPITT and the ASTER ACT PGEs.

Tom 7-Jul

ECSed10805 Procedure builder does not allow Conditional WAIT statements 122297 Bug ID:
ECSed11121 FOS_POST_RRR Submitted: 980106
CLOSE defect report Assigned-Eval: 980325
Assigned-Fix: 980325
Software: procs 5 enclosures

"Conditional WAIT statements do not work"

DETECTION INFORMATION	ANALYSIS INFORMATION
Detection method[*]: Planned Test	Evaluate engineer: lsheckle
Detected in phase[*]: System I&T B	When_Planned: 2.2.0D
Test Case ID: N/A	Assigned to: pbrewer
Build ID: 2.1.0	Affect Subsystem[*]: INT
Platform ID: Sun	Analysis time (hrs): 2
Test Site[*]: EDF	Est. fix time (hrs): 2
Severity (1=Showstopper)[*]: 2	
NCR Priority (A=Launch Critical)[*]: A	
Related-DR: FOS1045	

SUBMITTER INFORMATION
Submitter: ffilicky
Address: ffilicky@puff

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Bug ID: ECSed11121 FOS_POST_RRR Assigned-Verify 980518
CLOSE defect report Verified 980529
Closed 980622

RESOLUTION INFORMATION	CLOSING INFORMATION:
Resolutions[*]: source code	Closing accepted by: @
Resolved by: pbrewer	
SLOC: 1000	
Fixing time (hrs): 300	
Documentation affected (Y/N)? Y	
When_fixed: 2.2.0D	

TESTING INFORMATION:
Assigned test engineer: ffilicky

VERIFICATION INFORMATION
Test Status (Pass/Fail)? : P

Elapsed test time (hrs): 4
Attachments (Y/N)? N (ffilicky@puff)

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***** Problem *****

Please describe the problem you are experiencing below, including what you did, what you expected to happen, and what actually happened:

Running PackGen with CCW and tlm display 'ASTER_CSP_MPS'. Procedure AST_CSP_A_ON was started with conditional WAIT statements. At the Conditional WAIT statements the ground script (within the CCW) would hold even though the telemetry value for the conditional WAIT would toggle back and forth.

The code for this has been Commented out of the software.

***** Dup of 10805 (Added 980205 by tbrandt) *****

Dup of 10805

***** Resolution (Added 980516 by pbrewer) *****

A new set of classes was added to support telemetry mnemonics.

Conditional WAIT uses the changes only model/client features of the parameter server to do a non-polling conditional WAIT. That is it waits until the specified telemetry mnemonic changes before reevaluating its conditional expression. It terminates when the specified condition returns true after reevaluation and begins to process the next set of directives specified.

This is a partial. It does not yet support complex expressions of the type (@mnemonic == 1 && @mnemonic1 == 2) it only supports single conditional expressions containing 2 operands and 1 operator for now. We expect to add support for this and "conditional loops" for a later release. This should eliminate the need to use GOTOs as a workaround to these limitations. Support for an additional timeout option is also expected.

***** Verified (Added 980529 by ffilicky) *****

Single expression WAIT statements work.

Franz
Mini-EOC

29 May 98
Rel I.

***** Action Taken (Added 980622 by lsheckle) *****

NCR closed 6/22/98

lsheckler

***** History *****

xdds 980106 145417 Submitted to FOS_POST_RRR by ffilicky@puff
xdds 980106 150022 Enclosure "Problem" added by ffilicky
xdds 980113 102029 N -> A (Assigned-Eval to lsheckle) by bseaman
xdds 980113 102043 A -> O by bseaman
xdds 980205 122616 Enclosure "Dup of 10805" added by tbrandt
xdds 980206 141852 O -> R (Resolution = source code) by
xdds 980206 142304 Enclosure "Final Solution" added by pbrewer
xdds 980211 150413 Fields modified by bseaman
xdds 980217 134152 Fields modified by jkuntz
xdds 980226 142719 R -> T by
xdds 980313 174340 Fields modified by lsheckle
xdds 980325 154056 R -> A (Assigned-Eval to lsheckle) by ddunn
xdds 980325 154109 A -> O by ddunn
xdds 980504 131351 Fields modified by ddunn
xdds 980516 123244 enclosure "Final Solution" deleted by pbrewer
xdds 980516 123851 Enclosure "Resolution" added by pbrewer
xdds 980516 124010 O -> R (Resolution = source code) by
xdds 980518 114826 R -> T by
xdds 980529 161755 T -> V by ffilicky
xdds 980529 161935 Enclosure "Verified" added by ffilicky
xdds 980622 161248 V -> C by @
xdds 980622 161258 Enclosure "Action Taken" added by lsheckle

ECSed12805 RM: Resource Management prevents update of resoures 030598
IMPACT....

Resouces cannot be modified in a production system by the GUI.
We have a workaround.

ECSed13405 Memmory problem on t1icg01 in VATC 032498 IMPACT....

Ingest testing on t1icg01 in the VATC for Drop 4 will be limited to 1 MODE.
This will impact the test schedule.

WORKAROUND....

Long term workaround does not exist.

Possible short term workaround: it may be possible to get 2 MODES of Ingest running by doing the following things:

- 1) Ingest subsystem can be tested without running EcInPolling for DAO and NESDIS for Drop 4 only except for some NCR verification.
- 2) Ingest subsystem can be tested without running 2 instances of Granule Server, although this could impact the Performance team when they start testing with Drop 4.

At the time of writing this NCR I have not done any analysis on this short term workaround to see if it is definitely viable.

ECSed13405 Memmory problem on tlicg01 in VATC 032498

Approved CCR# 98-

0447 specifies a temporary solution/workaround.

The work around is to provide additional swap space via a 512 MB swapfile. This will provide a total of 1 GB of swap space.

CCR# 98-0447 was implemented via PRS Log #980409017

ECSed14005 PullMon does not clean up database when files are purged via the STMGT G 041498 One or more bugs have indeed been identified in the STMGT GUI regarding the manual cleanup of EXPIRED pull area files with access count > 0. An operational workaround (restart the GUI before attempting to clean up any files) has been identified, and appears to work for data files only. While we do not know why the workaround does not suffice for metadata files, the space lost due to metadata files is negligible. Moreover, a cold start of Pull Monitor should completely purge the pull area, including of all metadata files. This should suffice as an operational workaround for the 4P1 release.

Additionally, with the configuration of ftpd -lll in the VATC, we are confident that you will find that, will FTP pull notification in place, files are properly cleaned up when the access count drops to 0. This may also address the issue of being unable to remove metadata files. If, in fact, we are able to purge all files with access count of 0, then an alternative workaround for purging metadata files will be to have the operator ftp the files until the access count drops to 0, then purge from the GUI.

ECSed16005 ServerUR.map File Location in SHARED Mode Differs Between Drop 4 & 4P 070698

Please describe your Analysis:

There is a temporary workaround that needs to be put in place at sites where 4P (and later) code is being installed while Drop 4 code will still be running. This workaround has been put into the Drop 4P and Drop 4PLandsat installation instructions.

ECSed16005 ServerUR.map File Location in SHARED Mode Differs Between Drop 4 & 4P 070698

Please describe your resolution to this problem:

Required workaround has been added to installation instructions (see analysis).

ECSed16005 ServerUR.map File Location in SHARED Mode Differs Between Drop 4 & 4P 070698

Please describe your verification:

Verified proper workaround, as per documentation.

ECSed18205 SubMgr core dumped while running, cause unknown 093098 IMPACT...

MODIS end-to-end scenario is interrupted.

The workaround when the problem is found is to bring SubMgr back up. Based on the MODIS Load Test results it appears that notifications are lost during the crash, as 10-to-20% of MODIS PGEs were never started (they were still in the CreationQueue in the PDPS database).

ECSed11206 Executable files delivered with wrong names. 010898 PROBLEM DESCRIPTION....

The following executable files were delivered with the wrong names:

EcDsStDisFtpServer should be EcDsStFtpPullServer
EcDsSt4MMServer should be EcDsSt4MMTapeServer
EcDsSt8MMServer should be EcDsSt8MMTapeServer
EcDsStD3Server should be EcDsStD3TapeServer

Impact: Time consuming workarounds must be accomplished in order to operate these servers which affect costs and schedules.

I am forwarding this NCR back to DSS STMGT for the reasons stated below:

As of the I-Team meeting of Jan 5, 1998, the subsystems are responsible for maintaining the .install file which tells ECS Assistant what to deliver. You can find that file for DSS STMGT under:

/ecs/formal/DSS/stmgt/.install

If your files have a different name in clearcase than in the mode, then you must rename them in clearcase and then deliver the good name.

Damian Anderson (01/09/1998)

ECSed13506 ECS ASSIST: kill opt. for Ingest does not kill multiple instance servers 032698 IMPACT....

Not all servers get killed. Could cause problems when Servers are restarted. Impact is minimal since there is a simple workaround (see below).

WORKAROUND....

After using ECS ASSIST to kill most of the Ingest Servers I then manually kill the remaining Servers that are running with the UNIX "kill" process command.

ECSed15506 DDIST GUI Fails (supplement to ECSed15396) 061198 PROBLEM DESCRIPTION....

Problem already stated in ECSed15396. Analysis and resolution response already made to this NCR. Wasn't sure if that analysis/resolution was sufficient, so this NCR supplies additional information to be on safe side.

Additional info is as follows:

1. Problem affects all three Installation modes that were assigned. These are

TS1, TS2, and OPS .

2. Problem caused by following files not existing in
/usr/ecs/{MODE}/CUSTOM/lib/DSS

libDsHcSh.so
libDsHrSh.so
libDsClSh.so
libDsAdSh.so
libDsDcSh.so
libDsCsSh.so
libDsGeSh.so
libDsSrSh.so
libDsDbSh.so
libDsDe1Sh.so
libDsDe2Sh.so
libDsMd1Sh.so
libDsMd2Sh.so
libDsMd3Sh.so
libDsSiSh.so
libDsBtSh.so

3. The workaround was to copy these files from the directory
/net/t1code1/codedrop/Drop4P_Stage/drop4P_sun/CUSTOM/lib/DSS to the directory
specified in 2. above.

4. Apparently these files should have been specified in file
/usr/ecs/TS2/CUSTOM/.installed/DSS/distribution/.EcDsDddistGUI.iu .

5. Logical leap: If the missing files had been specified in
.EcDsDddistGUI.iu, then at some point in the install process,
the files would have been copied from Stage area to the required installation
area.

6. So, don't know what specific mechanism gets the complete set of proper
.so file names entered into .EcDsDddistGUI.iu . But that is the mechanism
that has to be corrected. I think.

7. Don't know if the Resolution given in ECSed15396 addresses this specific
problem or some of the other problems we had and that were resolved by
Diana Schmidt, Tim Somers and others.

ECSed15506 DDIST GUI Fails (supplement to ECSed15396) 061198 NCR ID: ECSed15396
Status: ASSIGNED-TEST Submit Date: 980609
NCR Class: REL_B0_INFORMAL Project: RelB0_DDIS Enclosures: 5

NCR TITLE....
DDIST GUI Fails

DETECTION INFORMATION....	REVIEW-ASSIGN INFORMATION....
Build Name[*]: Drop 4P1	Evaluate Engineer: dschmidt
Test Site[*]: VATC	Assigned To: dschmidt
Detection Method[*]: Engineering Test	Iteration [*]: Drop 4P
Detected-In-Phase[*]: Installation	
Build ID:	
Test Case ID:	
Platform ID:	

Severity (1=Showstopper)[*]: 1
Need fix by [*]: Emergency
Mode [*]: TS2

SUBMITTER INFORMATION....

Submitter: diascone

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NCR ID: ECSed15396 Status: ASSIGNED-TEST
NCR Class: REL_B0_INFORMAL Project: RelB0_DDIST

TO BE FIXED INFORMATION....

Problem Type[*]: configuration
Recommended Change[*]: configuration
Est. Fix Time (Hrs): 1
Est. Compl. Date (yymmdd): 980611
Related NCR ID: N/A

RESOLUTION INFORMATION....

Resolution[*]: configuration
Resolved by: dschmidt
Indicate_SLOC[*]: Not Applicable
Num_SLOC: 0
Fixing Time (hrs): 1
Documentation affected (Y/N)? N
Affect CSCI: ddist

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***** Problem *****

PROBLEM DESCRIPTION....

Problem encountered when running DDIST GUI as below:
/usr/ecs/TS2/CUSTOM/utilities/EcDsDdistGuiStart TS2

Script/executable quickly fails. Checking logs yields:

DSS EcDsDdistGui Server Debug log on t1dps01 starting at Tue Jun 9
09:20:10 EDT 1998

Setting up environment variables needed for DCE:

RPC_UNSUPPORTED_NETIFS = ""

/usr/ecs/TS2/CUSTOM/bin/DSS/EcDsDdistGui ConfigFile

/usr/ecs/TS2/CUSTOM/cfg/EcDsDdistGui.CFG ecs_mode TS2

Started process EcDsDdistGui in mode TS2 with PID 17781

ld.so.1: /usr/ecs/TS2/CUSTOM/bin/DSS/EcDsDdistGui: fatal: libDsHcSh.so:
can't open file: errno=2

File libDsHcSh.so doesn't exist in the required directory and examination
of the relevant .iu file doesn't include libDsHcSh.so .

***** Impact *****

IMPACT....

DDIST GUI will not work without at least a correction to this problem.

***** Analysis *****

Please describe your Analysis:

1. LD_LIBRARY_PATH environment variable not set
2. DB permissions problem

***** Resolution *****

Please describe your resolution to this problem:

set environment variable

correct db connect permissions.

***** Related NCR 15506 (Added 980615 by sbarrier) *****

Problem already stated in ECSed15396. Analysis and resolution response already made to this NCR. Wasn't sure if that analysis/resolution was sufficient, so this NCR supplies additional information to be on safe side.

Additional info is as follows:

1. Problem affects all three Installation modes that were assigned. These are TS1, TS2, and OPS .

2. Problem caused by following files not existing in

/usr/ecs/{MODE}/CUSTOM/lib/DSS

libDsHcSh.so

libDsHrSh.so

libDsClSh.so

libDsAdSh.so

libDsDcSh.so

libDsCsSh.so

libDsGeSh.so

libDsSrSh.so

libDsDbSh.so

libDsDe1Sh.so

libDsDe2Sh.so

libDsMd1Sh.so

libDsMd2Sh.so

libDsMd3Sh.so
libDsSiSh.so
libDsBtSh.so

3. The workaround was to copy these files from the directory
/net/t1code1/codedrop/Drop4P_Stage/drop4P_sun/CUSTOM/lib/DSS to the directory
specified in 2. above.
4. Apparently these files should have been specified in file
/usr/ecs/TS2/CUSTOM/.installed/DSS/distribution/.EcDsDdistGUI.iu .
5. Logical leap: If the missing files had been specified in
.EcDsDdistGUI.iu, then at some point in the install process,
the files would have been copied from Stage area to the required installation
area.
6. So, don't know what specific mechanism gets the complete set of proper
.so file names entered into .EcDsDdistGUI.iu . But that is the mechanism
that has to be corrected. I think.
7. Don't know if the Resolution given in ECSed15396 addresses this specific
problem or some of the other problems we had and that were resolved by
Diana Schmidt, Tim Somers and others.

***** History *****

xddts 980609 101116 Submitted to RelB0_DDIST by diascone
xddts 980609 102025 Enclosure "Problem" added by diascone
xddts 980609 102106 Enclosure "Impact" added by diascone
xddts 980611 094249 N -> A (Assigned-to dschmidt) by dschmidt
xddts 980611 100048 Enclosure "Analysis" added by dschmidt
xddts 980611 100048 A -> R (Recommend-change = configuration) by dschmidt
xddts 980611 100136 Enclosure Resolution added by dschmidt
xddts 980611 100136 R -> T by dschmidt
xddts 980611 135310 Fields modified by sbarrier
xddts 980615 134701 Enclosure "Related NCR 15506" added by sbarrier
xddts 980615 134831 Fields modified by sbarrier

ECSed16006 ECS User Account GUI: Crashed During Deny Request Action 070698 PROBLEM
DESCRIPTION....

Clicked on a username (testertwo) in the name field of the ECS User Account
Management GUI and the GUI disappeared.

In the UNIX window:

Segmentation Fault
Core Dump on t1mss06

This is similar to NCR 11948, which was closed on 3/5/98,
The workaround is the same:

Type <Control><C> to redisplay the prompt
Type "!!" to redisplay the GUI
Repeat the action.

The GUI did not crash again.

No other ECS User Account GUIs were being used at the time.

Server showed no problems before or after the event.

However, the software was having some problems with a VTC value for the HOME DAAC field which is unique to the VATC and available for the first time in Drop 4P1.

Verification, in procedure, repeat steps 363-530 on a user with VTC as their original home DAAC.

Development support unavailable at the time.

ECSed16006 ECS User Account GUI: Crashed During Deny Request Action 070698 Workaround:

Since this is an intermittent problem, the workaround is to carefully repeat the steps to select a user request and Deny it.

In particular, avoid trying to reselect another name until the processing for the first has completed (the clock cursor is removed and the arrow cursor will select another item on the GUI).

If the GUI gets confused with too many clicks, it seems to crash and core dump.

A repeat of this and core dump was shown to developer on 7/16.

ECSed17706 Missing Data Providers from InExternalDataProviderInfo.data file 091098 IMPACT....

If these Data Providers values are not present in the Ingest database then no data can be ingested from them. This impact is very low since a simple workaround exists for this problem.

WORKAROUND

Edit the InExternalDataProviderInfo.data file to add any necessary Data Provider value prior to loading the Ingest database.

If the database has already been loaded then you can load the InExternalDataProviderInfo table by itself or you can use isql commands to add these Records to the table.

ECSed18206 Metadata file sent to ASTER in addition to EDS and signal file 093098 IMPACT....

This will impact the successful execution of the EGS formal test of the interface. In addition, ASTER has requested that the engineering test be rescheduled, so this will have an impact on this.

The current workaround is to reach agreement with ASTER to ignore the extra file or to request file delete privileges and manually remove the file from

the ASTER ADN machine. The latter only works in a test environment, this would not be practical in an operational environment.

ECSed18306 Error in 4PX install instructions for DPS 100698 Please describe the problem you are experiencing below, including what you did, what you expected to happen, and what actually happened:

Submitted by Jim VerMeer:

On page 32 of the Drop 4PX installation instructions (DPS section), paragraph 'b' is a mistake. It says to modify the EcDpAtCommon.CFG file, which does not exist. The instructions meant to modify the EcDpAtCommonMkcfg script in the utilities directory, but this file is already correct. As a workaround, we are ignoring this paragraph.

ECSed19239 Incorrect Category Specified For DFA Command 111998 IMPACT....

The delete from archive request fails. There is no workaround.

ECSed18706 Spatial Search should be changed to take advantage of new SDSRV approach 101998 PROBLEM DESCRIPTION....

SDSRV NCR 10749 (SDSRV only returns one shape type on spatial queries) described a situation where when PDPS requests data granules which are circumscribed by a particular shape type, SDSRV only returned granules of that same shape type (e.g., if PDPS requested all granules which fall within a certain Bounding Rectangle, SDSRV returned all bounding rectangles which fell within the specified bounding rectangle, but did not return circles, points, or G-polygons which fell within).

This NCR required a PDPS workaround, whereby PDPS requested each shape type individually until all shape types had been requested.

SDSRV has now merged a fix for NCR 10749 (i.e., 5A capability 2460 - Variations on Search Areas and Spatial Representations).

The PDPS workaround is no longer necessary, and should be backed out to improve system performance.

ECSed08707 Load queuer Fails in communication with CMS on DEC system 083197 Please describe the problem you are experiencing below, including what you did, what you expected to happen, and what actually happened:

The load queuer was started on the DEC data server and failed to communicate with CMS when a DAS is generated. The load queuer was started on a workstation (SUN) as a workaround so DAS Generation will work (*D. Hyde)

Stan Washington
5/27/97

ECSed09307 core dump generated - problem with .notify files 100297 A core dump is generated if the .notify files indicate

that a granule is present, even if the granule has been deleted. As a workaround one must:

rm .notify/*

rm .notify/.N*/*

rm .notify/.R*/*

LaRC TT: LD0000000000295

Submitted-on: 971002

Status, K. Cockerill, 10/8/97: Note: This NCR is related to ECSed09186.

This NCR is to document the fact that the program PISubsReaper was the program that core dumped.

ECSed16807 Ecs Assist is not generating *RESCONFIG files 080698 NCR ID: ECSed16699

Status: CLOSED Submit Date: 980803

NCR Class: REL_B0_INFORMAL Project: RelB0_STMGT Enclosures: 8

NCR TITLE....

ARCHRESCONFIG file missing

DETECTION INFORMATION....

REVIEW-ASSIGN INFORMATION....

Build Name[*]: Drop 4P Landsat

Evaluate Engineer: jamesip

Test Site[*]: EDF

Assigned To: jamesip

Detection Method[*]: Planned Test

Iteration [*]: Drop 4P Landsat

Detected-In-Phase[*]: Installation

Build ID:

Test Case ID:

Platform ID: SGI

Severity (1=Showstopper)[*]: 2

Need fix by [*]: Emergency

Mode [*]: Other

Trouble Ticket:

SUBMITTER INFORMATION....

Submitter: cduma

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NCR ID: ECSed16699 Status: CLOSED

NCR Class: REL_B0_INFORMAL Project: RelB0_STMGT

TO BE FIXED INFORMATION....

VERIFICATION INFORMATION....

Problem Type[*]: documentation

Test Status (Pass/Fail)?: P

Recommended Change[*]: documentation

Elapsed Test Time (Hrs): 1

Est. Fix Time (Hrs): 8

Verification Site[*]: EDF

Est. Compl. Date (yymmdd): 980814

Verified Build ID: Drop 4P Landsat

Related NCR ID: N/A

Verified Platform ID: SGI

CLOSING INFORMATION....

RESOLUTION INFORMATION....

Closing Reason[*]: Fixed

Resolution[*]: documentation

CCR#/NCR#: none

Resolved by: jamesip

Closing accepted by: sbarrier

Indicate_SLOC[*]: Not Applicable
Num_SLOC: 0
Fixing Time (hrs): 8
Documentation affected (Y/N)? Y
Affect CSCI: STMGT
Merge Build Id:

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***** Problem *****
PROBLEM DESCRIPTION....

The ARCHRESCONFIG file containing the FtpDis, IngestFtp, 4mmTape, 8mmTape and D3 resources configurations is not being installed during the standard EcCoAssist installation process. The workaround is to manually copy a valid ARCHRESCONFIG into the appropriate directory and configure the entries in it.

***** Impact *****
IMPACT....

The FtpDis will fail on a GetCAPACITY call and the distribution ftp will fail.

***** Analysis *****

Please describe your Analysis:
Document how to create the ARCHRESCONFIG file via the extensions button on ECS Assist.

***** ARCHRESCONFIG Creation (Added 980806 by dbrown) *****

After installation (in EcCoAssist), click on subsystem DSS. Click on EcDsstStorageMgmtApp. Then click on Extensions above the mkcdsentry button. Choose the desired mkcfg to create the config file.

***** Previous Merge Build IDs *****

Please enter any related Merge Build ID(s) information:

- 1)
- 2)
- 3)

4)

***** Resolution *****

Please describe your resolution to this problem:

Modified build plan to include instructions on using extensions to create ARCHRESCONFIG file from ECS Assist.

***** Verification *****

Please describe your verification:

The NCR Scrub on 9/4/98 determined that this NCR could be closed due to previous installation problems that have since been overcome.

Sheila Barriere
9/4/98

***** Closure *****

Describe the Reason for closing this NCR?

see verification

***** History *****

xdds 980803 173050 Submitted to RelB0_STMGT by cduma
xdds 980803 173417 Enclosure "Problem" added by cduma
xdds 980803 173603 Enclosure "Impact" added by cduma
xdds 980804 150936 N -> A (Assigned-to jamesip) by dbrown
xdds 980805 131500 Enclosure "Analysis" added by jamesip
xdds 980805 131500 A -> R (Recommend-change = documentation) by dbrown
xdds 980805 142751 Fields modified by sbarrier
xdds 980806 123039 Enclosure "ARCHRESCONFIG Creation" added by dbrown
xdds 980826 162422 Enclosure Previous Merge Build IDs added by jamesip
xdds 980826 162441 Enclosure Resolution added by jamesip
xdds 980826 162441 R -> T by jcrowfor
xdds 980904 135509 Enclosure "Verification" added by sbarrier
xdds 980904 135509 T -> V by sbarrier
xdds 980904 135521 Enclosure "Closure" added by sbarrier
xdds 980904 135522 V -> C by sbarrier

ECSed17207 Deletion of LPS scene meta files from Staging prior to Insert 081998 IMPACT....

If the SAVEONEXIT parameter is set to "false" the Landsat-7 Scene metadata will fail to get archived. This impact is minimal due to a simple workaround.

WORKAROUND....

By setting the SAVEONEXIT parameter is set to "true" all Landast LPS data including the Scene metadata is archived successfully.

ECSed17307 IOS Advertisement page referencing incorrect page. 082198 The obj.conf files for the IOS server contains the wrong "webpage" name for the IOS Advertisement webpage.

I edited the obj.conf and changed:

```
NameTrans fn="home-page" path="EcsHome.html"
```

To:

```
NameTrans fn="home-page" path="IoAdEsodHome.html"
```

Impact

Known workaround, but should contain the proper name. Only because root/webmaster access is needed to implement the required cahnge.

ECSed18207 4PX Toolkit Install- No Space Left On Device 100198 This should be changed to a 2. I have just spoken with LaRC (Lucy), and she has implemented a workaround. We will be working on a fix for this for 4PY involving changing how we do the install. The ideal fix would be to allocate more space for the install, and leave the method intact; but it seems that this would be a problem at LaRC.

The preliminary assessment is that we separate-out the Sun portion of our install so that the entire file (all needed architectures) do not need to be placed in the Sun staging area. We will take a shot at implementing this approach in time for 4PY.

ECSed18307 Error in 4PX install instructions for DPS 100698 Please describe the problem you are experiencing below, including what you did, what you expected to happen, and what actually happened:

Submitted by Jim VerMeer:

On page 32 of the Drop 4PX installation instructions (DPS section), paragraph 'b' is a mistake. It says to modify the EcDpAtCommon.CFG file, which does not exist. The instructions meant to modify the EcDpAtCommonMkcfg script in the utilities directory, but this file is already correct. As a workaround, we are ignoring this paragraph.

ECSed11408 QA Monitor GUI Visualize Data screen is missing objects 011698 This is a duplicate of ECSed11100.

It was fixed in drop 3.5, by adding EOSView to the DPS .install.

There is a workaround listed in 11100: copy over EOSView from CLS.

The question is posed in 11100 if a patch to drop 3 is required. Assume no, since there is a workaround.

ECSed11408 QA Monitor GUI Visualize Data screen is missing objects 011698 NCR ID: ECSed11100
Status: CLOSED Submit Date: 980102
NCR Class: REL_B0_INFORMAL Project: RelB0_Sys_Engr Enclosures: 11

NCR TITLE....

EOSView needs to be installed on AIT & DPS machines.

DETECTION INFORMATION....

REVIEW-ASSIGN INFORMATION....

Build Name[*]: Drop 3 Evaluate Engineer: nharihar
Test Site[*]: VATC Assigned To: hausden
Detection Method[*]: Planned Test Iteration [*]: Drop 4P1
Detected-In-Phase[*]: Installation
Build ID:
Test Case ID: TS0405, install
Platform ID: t1ais*, t1pls*
Severity (1=Showstopper)[*]: 2
Need fix by [*]: Critical
Mode [*]: OPS
Trouble Ticket:

SUBMITTER INFORMATION....

Submitter: ssharma

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NCR ID: ECSed11100 Status: CLOSED
NCR Class: REL_B0_INFORMAL Project: RelB0_Sys_Engr

TO BE FIXED INFORMATION....

VERIFICATION INFORMATION....

Problem Type[*]: configuration Test Status (Pass/Fail)?: P
Recommended Change[*]: configuration Elapsed Test Time (Hrs): 0.25
Est. Fix Time (Hrs): 8 Verification Site[*]: VATC
Est. Compl. Date (yymmdd): 980115 Verified Build ID: 4P1
Related NCR ID: ECSed10872 Verified Platform ID: t1ais*, t1pls*

CLOSING INFORMATION....

RESOLUTION INFORMATION....

Closing Reason[*]: Fixed

Resolution[*]: configuration CCR#/NCR#: none
Resolved by: hausden Closing accepted by: sbarrier
Indicate_SLOC[*]: Not Applicable
Num_SLOC: 0
Fixing Time (hrs): 10
Documentation affected (Y/N)? N
Affect CSCI: DPS
Merge Build Id:

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***** Problem *****

PROBLEM DESCRIPTION....

It seems that the SSI&T Manager invokes EOSView from t1ais01.
Additionally, DPS requires EOSView in order to perform QA and visualization of data
retrieved from the Data Server. This happens on t1dps01.

The installation of EOSView therefore needs to occur on t1ais01 and t1dps01. Unfortunately, EOSView is only installed per the Client subsystem onto their machine.

After talking with Bill Johnson, M. Mauthe and J. Garlow it was decided that ECS Assist should install EOSView onto those PDPS platforms. I believe that Joanne is working on modifying the install script for ECS Assist. This script should be merged in ASAP.

This should be a patch to Drop 3 because it is required prior to EDC deployment.

NOTE: The processing machine in the VATC is t1sps02, not t1dps01.

***** Note 1 (Added 980102 by ssharma) *****

Orlando Lindsay wrote a similar NCR, ECSed10872 referring to EOSView not being installed. That NCR was written against Drop 2 of the system.

***** Analysis *****

Please describe your Analysis:

***** Workaround (Added 980105 by nharihar) *****

This probably should not be a severity 1 as there is a workaround.

The EOSView executable can be ftped to the AITTL and DPS machines from the client machine.

--Naga Hariharan

***** Impact (Added 980108 by ssharma) *****

There are two immediate impacts as a result of not fixing/delivering this NCR in Drop 3:

- 1) Test will not be able to assess data quality or visualize data during SSI&T. This is because the SSI&T Manager GUI will not be able to invoke EOSView.
- 2) Test will not be able to visualize data produced in DPS since EOSView is used to accomplish this.

After reading N. Hariharan's Workaround statement, I agree that we can copy EOSView to the desired platforms but my understanding was that ECS Assist should be doing that, not the installer. Otherwise we are back to the procedure where part of the installation is automated while part is manual.

***** Resolution *****

Please describe your resolution to this problem:

Added eosview to DPS .install

***** AssocNCR (Added 980123 by spetrone) *****

The referenced associated NCR, 10872 is a Dup.

***** Verification *****

Please describe your verification:

EOSVIEW is now installed on t1ais01

at /usr/ecs/TS2/CUSTOM/eosview/EOSView

EOSView is also installed on the DPS Machine t1sps02 under the same directory

***** AO Assessment (Added 980324 by hausden) *****

Per the previous enclosure, EOSView has been installed on the queuing server (t1sps02) and the AIT Server (t1ais01). However, the initial drop 4 hosts for EOSView are the AIT workstations (t1aix02 and t1ais03) and the queuing server (t1sps02), so more work is needed before this ncr is closed.

In 4P, EOSView will remain on the AIT Workstations, but will move from the queuing server to the planning workstation and planning server (t1pls02 and t1pls01).

***** Final Verification (Added 980717 by hausden) *****

I verified the mapping of EosView to platforms for 4P1 by confirming it with the lead engineer for DPS. EosView is used by SSI&T, which occurs on the AIT Workstations. EosView is also used by the QA Monitor, which is on the Planning Workstations. The Hardware-Software Maps (920-TDx-002) and the .sitemap file, which controls installation, reflect this design. There are no issues and this ncr should be closed.

To get that warm, fuzzy feeling I went to the VATC and checked that the EosView executables and data files are in place on each of the appropriate

machines.

Finally, note that there is no recognized platform called the "Processing Machine" and that t1dpsxx are distribution machines. EosView does NOT go on the Queuing Server, where most of the PRONG code is installed.

***** Closure *****

Describe the Reason for closing this NCR?

The NCR Board approved this NCR to be Closed on 8/11/98

***** History *****

xdds 980102 165121 Submitted to RelB0_DPS by ssharma
xdds 980102 170005 Enclosure "Problem" added by ssharma
xdds 980102 170433 Enclosure "Note 1" added by ssharma
xdds 980102 171748 enclosure "Note 1" edited by ssharma
xdds 980105 113141 enclosure "Problem" edited by awhitele
xdds 980105 120829 N -> A (Assigned-to jgarlow) by nharihar
xdds 980105 120845 Enclosure "Analysis" added by nharihar
xdds 980105 120845 A -> R (Recommend-change = configuration) by nharihar
xdds 980105 183230 Enclosure "Workaround" added by nharihar
xdds 980106 165531 Fields modified by lforan
xdds 980108 145306 Enclosure "Impact" added by ssharma
xdds 980108 174832 Enclosure Resolution added by jgarlow
xdds 980108 174832 R -> T by jgarlow
xdds 980108 175029 enclosure "Resolution" edited by jgarlow
xdds 980109 125211 Fields modified by awhitele
xdds 980116 094828 Fields modified by spetrone
xdds 980123 081710 Fields modified by spetrone
xdds 980123 081847 Enclosure "AssocNCR" added by spetrone
xdds 980318 173620 Enclosure "Verification" added by nwoodson
xdds 980318 173620 T -> V by nwoodson
xdds 980318 183112 enclosure "Verification" edited by awhitele
xdds 980324 132406 Forwarded from RelB0_DPS to RelB0_Sys_Engr by sbarrier
xdds 980324 132416 V -> R (Recommend-change = configuration) by nharihar
xdds 980324 152819 Enclosure "AO Assessment" added by hausden
xdds 980409 123801 Fields modified by sbarrier
xdds 980715 172958 Fields modified by mac
xdds 980717 103259 R -> T by hausden
xdds 980717 103438 T -> V by hausden
xdds 980717 105936 Enclosure "Final Verification " added by hausden
xdds 980812 075246 Fields modified by sbarrier
xdds 980812 075320 Enclosure "Closure" added by sbarrier
xdds 980812 075320 V -> C by sbarrier

ECSed16608 IDL comes up in DEMO MODE when invoked via ssit manager. 073198 When IDL is invoked via SSIT manager, it come up in the DEMO mode. IDL does not work like other COTS products, it cannot use the LM_LICENSE_FILE created by RTSC. To avoid having to install FLEXXLM Licensees on each sun, the solution is to have the SSIT Manager source the idl_setup file "created by RTSC during IDL installation" before invoking IDL. This will unset the LM_LICENSE_FILE.
The impact is IDL comes up in DEMO mode and the user can only use it for 7 minutes.

The workaround is to create EcDpAtIDLscript in
/usr/ecs/TS2/CUSTOM/bin/DPS "see attachment".

```
vi /usr/ecs/TS2/CUSTOM/data/DPS/DpAtMgrInternal.pcf  
change the entry 617  
FROM:/usr/ecs/TS2/COTS/idl/bin/idl  
TO: /usr/ecs/TS2/CUSTOM/bin/DPS/EcDpAtIDLscript
```

ECSed17208 Cannot start servers with clean endpoints if debugger running on host 081998 IMPACT....

If any DCE process on a host is running in the debugger (or otherwise hung), we cannot use the ECSAssist startup scripts to start any other server on that machine.

There is currently no workaround - we do not have a script to allow us to clean only the endpoint for the server we are trying to start, and if we do not clean the endpoints at all, we cannot reliably run scenarios using the server for which endpoints were not cleaned.

ECSed17708 Three database tables not loaded when executing Patch 5A.3 091098 IMPACT....

Database table not loaded so ingest of all data would fail. The impact is minimal since a simple workaround exists.

WORKAROUND....

Edit the EcInDbPatch3.ksh file and add the following line just under the printf statement:

```
DAAC=gsfc
```

Then execute the EcInDbPatch script.

WORKAROUND NOT VALID: The DbPatch scripting routine is generic for applicability to any DAAC site. The DAAC variable is an environment variable that should be set specifically for each individual DAAC site and not hardcoded in the standard scripts.

ECSed18008 Database: Can't generate Production Requests 092198 IMPACT....

There is no workaround except to manually modify the database.

ECSed18108 Load Scheduler Tool locks up after cutting Uplink Activities from T/L 092698 Please describe the problem you are experiencing below, including what you did, what you expected to happen, and what actually happened:

During DR verification Testing, I scheduled a MISR Uplink Activity on the Timeline (3 tries). A constraint exists on the system which alerts the user to schedule MISR Uplinks during night time only. Upon seeing the constraint I cut the Uplink activities from the timeline. The Load Scheduler button turned green as expected, but I was unable to reschedule the cut activity. The entire tool was frozen, preventing mw from changing anything. The workaround for this problem is to shut down the tool completely and attempt to reschedule it. I don't know if this has anything to do with this, but the Uplink Activities were scheduled against deleted TDRS Contacts. Even though, the Load Scheduler Tool should not freeze up like this when an Activity is cut from the Timeline.

Ed Rodriguez (FOT)
(301) 614-5136 9/9/98

ECSed12609 Unable to write to a 8MM tape drive. 022798 NCR ID: ECSed12558 Status:
CLOSED Submit Date: 980227
NCR Class: REL_B0_INFORMAL Project: RelB0_STMGT Enclosures: 7

NCR TITLE....

Unable to write to a 8MM tape drive.

DETECTION INFORMATION....

REVIEW-ASSIGN INFORMATION....

Build Name[*]: Drop 3 Evaluate Engineer: cduma
Test Site[*]: VATC Assigned To: mmcelarn
Detection Method[*]: Planned Test Iteration [*]: Drop 4P
Detected-In-Phase[*]: SV-Dry Runs
Build ID: Build 3.02
Test Case ID: TS0850.1
Platform ID: t1dps01
Severity (1=Showstopper)[*]: 1
Need fix by [*]: Emergency
Mode [*]: TS2
Trouble Ticket:

SUBMITTER INFORMATION....

Submitter: mnguyen

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NCR ID: ECSed12558 Status: CLOSED
NCR Class: REL_B0_INFORMAL Project: RelB0_STMGT

TO BE FIXED INFORMATION....

VERIFICATION INFORMATION....

Problem Type[*]: configuration Test Status (Pass/Fail)?: P
Recommended Change[*]: configuration Elapsed Test Time (Hrs): 1
Est. Fix Time (Hrs): 8 Verification Site[*]: VATC
Est. Compl. Date (yyymmdd): 980313 Verified Build ID: Drop4P1
Related NCR ID: N/A Verified Platform ID: t1dps01

CLOSING INFORMATION....

RESOLUTION INFORMATION.... Closing Reason[*]: Fixed
Resolution[*]: source code CCR#/NCR#: none
Resolved by: sandrzej Closing accepted by: sbarrier
Indicate_SLOC[*]: Modified
Num_SLOC: 50
Fixing Time (hrs): 30
Documentation affected (Y/N)? N
Affect CSCI: STMGT

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***** Problem (Added at 980227 by mnguyen) *****

Unable to write to a 8MM tape drive. Two SV tests cannot be run because of this.

***** Pending Correct Installation (Added 980304 by spalmer) *****

This NCR is pending on the tester performing the baseline setup (system configuration and system privileges) to properly install the 8MM Server. When this is accomplished development will be contacted to support resolving any problems encountered.

***** Analysis *****

Please describe your Analysis:

This is a configuration issue see enclosure (Pending Correct Installation) and a possible database setup issue.

03/19/98:

Stored procedures are using a ClearCase path which is not available at the sites. The workaround is to create the necessary path and populate it with the stored procedures. However, the correction which is being worked on is to read the stored procedures from the database, rather than from a directory.

03/24/98:

The fix to this problem is in process and will be merged to baseline on 3/03/25/98.

***** Resolution *****

Please describe your resolution to this problem:

Modified code which created the stored procedure table to look at the stored procedures in the database rather than get the stored procedures from disk.

***** Verification *****

Please describe your verification:

* Using STMGT GUI to config 8MM devices, staker, and slots.

* Go into Sybase server:

```
1> update DsStStacker set MediumType = "8mm"  
2> go
```

```
1> update DsStSlot set SlotStatus = 2, SlotCurrentDrive = -1  
2> go
```

```
1> update DsStDevice set DriveCurrentSlot = -1  
2> go
```

* Bring 8MM server up and running under sudo root privileges.

* Request a 8MM distribution using the DSS Request Driver.

* The request finished with no error.

***** Clarification (Added 980727 by dbrown) *****

Verification supplies a workaround for a problem which was hidden by this NCR and is being tracked under NCR 16339. The work around for NCR 16339 is presented in the Verification enclosure. It is not an ops procedure, simply a work around until 16339 is merged.

Correction, the NCR that was tracking the problem hidden by 12558 was 16299 not 16339.

***** Closure *****

Describe the Reason for closing this NCR?

The NCR Board approved this NCR to be Closed on 7/30/98

***** History *****

wwwweb 980227 104250 Submitted by mnguyen from
xdds 980302 105131 N -> A (Assigned-to cduma) by cduma
xdds 980302 142947 Fields modified by sbarrier
xdds 980304 154224 Enclosure "Pending Propoer Installation" added by spalmer
xdds 980304 154317 enclosure "Pending Propoer Installation" deleted by spalmer
xdds 980304 154427 Enclosure "Pending Correct Installation" added by spalmer
xdds 980305 133107 Enclosure "Analysis" added by cduma
xdds 980305 133107 A -> R (Recommend-change = configuration) by cduma
xdds 980319 130756 Fields modified by jcrawfor
xdds 980319 130947 enclosure "Analysis" edited by jcrawfor
xdds 980324 153117 enclosure "Analysis" edited by spalmer
xdds 980326 141857 Enclosure Resolution added by sandrzej
xdds 980326 141857 R -> T by sandrzej
xdds 980717 124903 Fields modified by sbarrier
xdds 980721 130858 Enclosure "Verification" added by mnguyen
xdds 980721 131338 T -> V by mnguyen
xdds 980727 121935 Enclosure "Clarification" added by dbrown
xdds 980727 130754 enclosure "Clarification" edited by dbrown
xdds 980730 133610 Enclosure "Closure" added by sbarrier
xdds 980730 133611 V -> C by sbarrier

ECSed12809 Science Data Server GUI Startup Script Missing 030598 PROBLEM DESCRIPTION...

K. Cockerill, 03/05/98: There is no startup script for Science Data Server in DEV04 Functionality Lab software. Couldn't find one in /usr/ecs/DEV04/CUSTOM/utilities. Expected to find EcDsSdSrvGuiStart. Attempted to workaround this by entering command line but couldn't get GUI to come up. Entered the following:

```
EcCoScriptlib start_server -noclean DEV04 DSS EcDsSr EcDsSdSrvGui
```

K. Cockerill, Status, 03/06/98: As a workaround, copied EcDsDdistGuiStart to EcDsSdSrvGuiStart and modified the appropriate variables. This was done in /usr/ecs/DEV04/CUSTOM/utilities directory. Then brought up SDSRV and then successfully brought up SDSRV GUI using this new script.

ECSed15509 DPS: Optional outputs not supported 061198 This is not a major issue for current SSIT testing, because MISR has not yet delivered a version of PGE 1 which outputs Local Mode data (MIB1LM).

The workaround is to register the PGE without using thie ESDT.

It is a minor issue, because the PGE internally checks whether the MIB1LM granules are present in the runtime PCF, and fails if not.

To avoid failure, stop before the Execution step in Autosys, and edit the runtime PCF to add these lines:

Add to the PRODUCT OUTPUT section:

1983|lm_site1.hdf|...||6
1983|lm_site2.hdf|...||5
1983|lm_site3.hdf|...||4
1983|lm_site4.hdf|...||3
1983|lm_site5.hdf|...||2
1983|lm_site6.hdf|...||1

For "." substitute the path to your science processor's runtime directory, e.g.

/usr/ecs/TS1/CUSTOM/pdps/lasher/data//DpPrRm/lasher_disk/MPGE1#2.0/MPGE1#_lasher/

Note that the files need not exist, just their PCF entries.

Tom A. 11-Jun-98

ECSed15909 ASTER Late Change ODS not scheduled on Master Plan 063098 Please describe the problem you are experiencing below, including what you did, what you expected to happen, and what actually happened:

ASTER Late Change ODS was not scheduled on the Master Plan. The Timeline was unlocked successfully to allow the ODS to be scheduled on the Master Plan. When the Signal File was created, the Master Plan was opened, then saved as a What-if plan instead of the Master Plan.

The workaround for this situation is unacceptable since it would require a manual cut and paste of the numerous Activities.

Ed Rodriguez

6/23/98

ECSed17509 L7 MOC CCA Scripts Need to Be Mode-Aware 082898 PROBLEM DESCRIPTION... It is possible for the L7 MOC CCA scripts to be run in multiple modes operationally. In this case, there could be some confusion as to which files were created by which mode. The files that the script creates, as well as the temporary files it creates, should be mode-aware to avoid confusion, and to avoid permission problems that may come up with one mode trying to write to the same named file as another mode.

We did have the permission problem come up, and saw some funny things. We had to respond to messages saying the file could be overwritten by another user, but then the script ran, said it created an output file (but we couldn't find that output file anywhere!), and the errorlog file said " scenes extracted" (where usually it gives the number of scenes extracted, as in "24 scenes extracted").

A workaround exists, where the operator who sets up the config file as input to the script can manually set these to filenames that have the mode embedded in them.

ECSed18809 new 32-bit version of IMSL libraries are not installed 102098 The new 32-bit version of the IMSL libraries are required on the science processors:

e0spg05 - primary
e0spg01 - backup

These libraries are necessary to build the ASTER Version 2.1 science software. The baseline installation on e0spg05 includes only the old 32-bit libraries installed on e0mss01 and linked from e0spg05.

Old 32-bit installed on e0mss01:
/tools/imsl

Linked from e0spg05:
/usr/ecs/SHARED/COTS/imsl
/usr/ecs/TS1/COTS/imsl
/usr/ecs/TS2/COTS/imsl

A workaround has been implemented to include the temporary installation of the new 32-bit IMSL libraries in an "engineering" area located on e0spg05 at:

/data1/EGR/IMSL-N32

These libraries were compiled back at JPL and brought to the EDAAC to allow continuation of remote testing.

Requested Action: The official baseline should be updated to include these libraries and ECS approved or compiled libraries and environment setup scripts (ref ECSed18138) installed as part of the baseline.

Jim Lacasse
jmlacasse@edcmail.cr.usgs.gov
605-594-6140

ECSed08710 DAS Process hangs after sending to schedule controller 083197 Please describe the problem you are experiencing below, including what you did, what you expected to happen, and what actually happened:

After submitting a DAS/ATC load, the system hangs after I receive a msg stating the DAS was sent to the schedule controller. I would receive a msg immediately after if the schedule controller receives the DAS stating the process has started on the cms side. (Repeated)
workaround: Recycle LQ & LG & resubmitted.

Stan Washington
8/28/97

ECSed05010 Can't acquire the same file twice 123096 Please describe the problem you are experiencing below, including what you did, what you expected to happen, and what actually happened:

Currently, the same file cannot be acquired more than once unless contents related to it have been removed from the Pull Data Base. Operationally, the same file should be able to be acquired multiple times, and STMGT software should keep track of the number of times the file(s) has been requested.

A workaround exists, where the contents of the pull data base are deleted manually via sybase. The same acquire can then be attempted again.

ECSed15010 Core Dump in Insert Exe Tar File 052098
IMPACT....

Because of the Core Dump, data about the Tar file is not stored in the PDPS database. Thus PGEs cannot be run.

See Workaround for workaround to the problem.

-- M. Mauthe

ECSed15010 Core Dump in Insert Exe Tar File 052098
To workaround the problem, the UR returned from the Insert must be stored in the PDPS database table PIResourceRequirement under the exeTarUR column. This will allow this PGE to be executed by PDPS.

-- M. Mauthe

ECSed17510 Db change needed for L70RWRS2 in InFileTypeTemplate table 082898 Please describe your verification:

NCR indicated the change to make. In the VATC, when this change (workaround) was made, scenes processed further.

After installing Drop 4PX/Beta patch in the VATC in TS2 mode this test was rerun. All data was successfully ingested and archived. No error was encountered pertaining to Invalid number of science data file for data type L70RWRS2.

I also verified that the InSourceMCF table of the Ingest database contained the correct values for Min and Max (1 and 3) for the L70RWRS2/IMAGE8 record.

This problem has been verified as fixed.

ECSed18044 UserAccountMgtGUI:Form Letter has Wrong Data 092398
IMPACT....

DAAC Personal would have no way of automatically creating a letter to be sent to the new user. To do so manually will impose a significant additional workload.

There is no workaround.

ECSed15811 PRONG: Insufficient error checks in shell script EcDpPrSMFLink 062598 IMPACT....

Absence of toolkit status files/ incomplete toolkit status files.
Makes debugging pges difficult.

Workaround: This happens only in an error condition and the error is not caught at the right place due to insufficient error checking in the script. There is no workaround to catch the error at the right place. What needs to be done is to avoid the error itself.

ECSed17511 Incorrect CFG file entry for EcDmDictServer 082898 In order for Data Dictionary to register in CDS properly, the oid_EcDmDictServer needs the _OPS.

IMPACT

Either the server binary or mkcfg needs to be changed to parse for the correct entry. Known workaround is to vi the file and add _OPS on Line 42 of EcDmDictServer.CFG.

ECSed17511 Incorrect CFG file entry for EcDmDictServer 082898 NCR ID: ECSed17497
Status: CLOSED Submit Date: 980828
NCR Class: REL_B0_INFORMAL Project: RelB0_DMS Enclosures: 9

NCR TITLE....

GENERAL : No specific oid number for OPS mode.

DETECTION INFORMATION....

REVIEW-ASSIGN INFORMATION....

Build Name[*]: Drop 4PX Evaluate Engineer: gswope
Test Site[*]: EDF Assigned To: dneuman
Detection Method[*]: Regression Test Iteration [*]: Drop 4PY
Detected-In-Phase[*]: Integration
Build ID:
Test Case ID:
Platform ID: na
Severity (1=Showstopper)[*]: 2
Need fix by [*]: Emergency
Mode [*]: OPS
Trouble Ticket:

SUBMITTER INFORMATION....

Submitter: dneuman

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NCR ID: ECSed17497 Status: CLOSED
NCR Class: REL_B0_INFORMAL Project: RelB0_DMS

TO BE FIXED INFORMATION....

VERIFICATION INFORMATION....

Problem Type[*]: source code Test Status (Pass/Fail)?: P
Recommended Change[*]: source code Elapsed Test Time (Hrs): 3
Est. Fix Time (Hrs): 3 Verification Site[*]: EDF
Est. Compl. Date (yymmdd): 980830 Verified Build ID: 4PY
Related NCR ID: N/A Verified Platform ID: na

CLOSING INFORMATION....

RESOLUTION INFORMATION.... Closing Reason[*]: Fixed

Resolution[*]: source code CCR#/NCR#: none
Resolved by: dneuman Closing accepted by: sbarrier
Indicate_SLOC[*]: Added
Num_SLOC: 10
Fixing Time (hrs): 3
Documentation affected (Y/N)? N
Affect CSCI: EcDmDictServer
Merge Build Id: Page 2/2

***** Problem *****
PROBLEM DESCRIPTION....

Currently, at the very least the DictServer and V0ToEcsGateway cannot be bound to by any other DCE object under the following conditions :

(i) When configuration is generated by ECSAssist.

AND

(ii) When the mode is OPS.

***** Impact *****
IMPACT....

OPS mode is not operational in a DMS context.

***** Analysis *****
Please describe your Analysis:

NOTE : This problem should only affect the EcDmDictServer.

The code within the server that extracts the object uuid from the config fiel is looking for a specific entry that is mode dependent.

ie oid_EcDmDictServer_<MODE> where MODE = FRT for example.

For the special case of OPS mode, the object uuid tag would look like the following :

oid_EcDmDictServer

The code should be modified to recognise this special case.

WORKAROUND : Add _OPS to the tag manually so that it looks like the other modes.
Ie edit the file EcDmDictServer.CFG in /usr/ecs/OPS/CUSTOM/cfg/

***** Status (Added 980831 by kcockeri) *****

Status, K. Cockerill, 8/31/98:

The following is an excerpt from the installation procedures for DMS:

Workarounds: MAKE CONFIGURATION:

The following workaround only needs to be done in the OPS mode on the principal Interface Server for DMS. In order for the Dictionary server to register in CDS correctly, edit the EcDmDictServer.CFG file after "mkcfg" has been run. Edit the variable "oid_ECDmDictServer" and add "_OPS" to this variable name. This problem is documented in NCR ECSed17497.

***** Verification *****

Please describe your verification:

Tested in integration lab using pre-integration time, and again after merge in integration time.

***** Statechg-info (Added 981005 by cwhitake) *****

Per 10/05 NCR Board, NCR returned to R state for clarification. Resolution information incomplete. Need to specify whether workaround is permanent fix, or if a permanent fix is planned.

C. Whitaker

***** Previous Merge Build IDs *****

***** Resolution *****

Please describe your resolution to this problem:

Code was added to the EcDmDictServer to recognise the special OPS case and use the appropriate search mechanism for determining the object UUID from the configuration file.

***** 10/6: Per information from developer, this is the permanent fix*****

***** With 4PY, the Workaround is no longer required. (C. Whitaker) *****

Subject: Re:NCR 17497
Author: Guy Swope at 11-ecs-0
Date: 10/5/98 2:03 PM

Carolyn,

Actually we have changed the source code, i.e. we have put in the real fix.
I have sent a msg to the developer to add the appropriate information
(verbage about the "real fix") to the NCR and to move it back to the V
state.

Guy

***** Closure *****

Describe the Reason for closing this NCR?

The NCR Board approved this NCR to be Closed on 10/7/98

***** History *****

xdds 980828 090756 Submitted to RelB0_DMS by dneuman
xdds 980828 090951 Enclosure "Problem" added by dneuman
xdds 980828 091010 Enclosure "Impact" added by dneuman
xdds 980828 124244 N -> A (Assigned-to dneuman) by gswope
xdds 980828 131912 Enclosure "Analysis" added by gswope
xdds 980828 131912 A -> R (Recommend-change = source code) by dneuman
xdds 980831 100957 enclosure "Analysis" edited by dneuman
xdds 980831 125012 Fields modified by sbarrier
xdds 980831 125026 Fields modified by sbarrier
xdds 980831 133237 Enclosure "Status, K. Cockerill" added by kcockeri
xdds 980831 133300 enclosure "Status, K. Cockerill" deleted by kcockeri
xdds 980831 133330 Enclosure "Status" added by kcockeri
xdds 980924 175346 Fields modified by gswope
xdds 980924 175515 Fields modified by gswope
xdds 980925 105531 R -> A (Assigned-to dneuman) by gswope
xdds 980925 110604 A -> R (Recommend-change = source code) by gswope
xdds 981001 123324 Enclosure "Verification" added by dneuman
xdds 981001 123324 R -> V by dneuman
xdds 981005 134716 V -> R (Recommend-change = source code) by cwhitake
xdds 981005 134907 Enclosure "Statechg-info" added by cwhitake
xdds 981005 134928 enclosure "Statechg-info" edited by cwhitake
xdds 981005 140712 Enclosure Previous Merge Build IDs added by dneuman
xdds 981005 140832 Enclosure Resolution added by dneuman
xdds 981005 140832 R -> T by dneuman
xdds 981005 140842 T -> V by dneuman
xdds 981007 083659 enclosure "Resolution" edited by cwhitake
xdds 981007 084158 enclosure "Resolution" edited by cwhitake
xdds 981007 084408 enclosure "Resolution" edited by cwhitake
xdds 981007 133120 Fields modified by sbarrier

xddts 981007 133142 Enclosure "Closure" added by sbarrier
xddts 981007 133142 V -> C by sbarrier

ECSed18111 RTS Load Builder Window Crashes 092698 Please describe the problem you are experiencing below, including what you did, what you expected to happen, and what actually happened:

During procedure checkout in the Mini-EOC, while attempting to perform the RTS Load Validation function, the RTS Load Builder Window crashed. The anomaly occurred numerous times. No workaround at this time.

Jeanette Applewhite, Test Engineer
September 26, 1998
EOC

ECSed06412 Add Iter9 Kluge to Polling Server for May Demo 050197 PROBLEM DESCRIPTION....

Description: In Infrastructure Iteration 9, it was discovered that some servers could have stale entries in CDS and/or in the CDS cache. Those in CDS could be easily deleted, but those in cache could not. A workaround was for all servers to go to CDS to get the CDS Entry names they needed rather than going to the cache. This was not done, however, for the Ingest Polling server that was delivered in RC2. A more permanent fix will be implemented by IDG in a future iteration - at that time all servers will have to be updated to take this workaround out of the code.

This workaround should be included in the Polling server for the May Demo, where the polling server will be exercised extensively.

Build_ID: RC2

Test_Case_ID: RC2.003

Machine_ID: INS1 (sun)

DEPENDENCIES....

ECSed12212 Preprocessing Job gives success message when MCF is not created 021398 IMPACT....

The workaround to this is to examine the preprocessing log very carefully and to verify if the MCF is generated correctly.

If the MCF is not generated ..Run the getMCF tool in SSIT and replace it with the good MCF before the execute job is run .

ECSed12312 Missing LARC Files 021898 PROBLEM DESCRIPTION.... Several files are needed at LaRC before installation and testing can continue. These files were requested in a CCR dated Friday February 13, 1998, and to date, have not been staged at the SMC.

VATC

1. /home/rmagill/.scripts/change
(this file was created by r. magill, and is needed during copyups from one mode to another - makes life on DSS MUCH easier!)

VATC OPS MODE (t1dps01)

1. /usr/ecs/OPS/CUSTOM/data/DSS/pullmon.dat - needed for PullMonitor
2. /usr/ecs/OPS/CUSTOM/utilities/pullrestart - needed for workaround
3. /usr/ecs/OPS/CUSTOM/utilities/cds* - all cds files needed to cleanup STMGT between runs

VATC OPS MODE (t1drg01)

1. /usr/ecs/OPS/CUSTOM/utilities/cds* - all cds files needed to cleanup STMGT between runs

VATC OPS MODE (t1icg01)

1. /usr/ecs/OPS/CUSTOM/utilities/cds* - all cds files needed to cleanup STMGT between runs

... JER 2/18/98

ECSed12612 No support for Browse in PDPS 030298 Please describe your Analysis:

All the ramifications of the NCR haven't been determined, yet. Currently, the Production Request Editor will fail on any of these PGEs that have a Browse Granule that uses the same ESDT Shortname as its associated Granule. We currently need the combination of ESDT Shortname, version, and the Collection Starttime to be unique. This will be changing once we implement Ad Hoc Reprocessing, but even then we would tag different them as different versions of the granule.

We intend to meet with the Architect's Office and Science Office on this topic on Tuesday, Mar. 10.

WORKAROUNDS - Not yet clear if there is a workaround for this entire problem. There are a number of potential workarounds to allow the initial checkout of a PGE. More info after Tuesday.

4/27/98 Addendum - The design inspection for this problem completed successfully on 4/23/98. The work is now shifting into the coding phase for completion sometime next week.

ECSed18212 dced crashes repeatedly on cherokee - seen also on juror2 100198 This problem is symptomatic of a known problem with the DCE 1.1b application on SGIs. The "dced" daemon mysteriously dies, with a core dump during an Ingest function, which requires the DCE daemons to be restarted. It also returns an error message to the DCE "servicability" log that a "BOGUS PACKET TYPE" received Below is a sample of the log entry

1998-08-21-11:07:42.240-04:00I0.922 dced WARNING rpc cn_pkt cnrcvr.c 1573 0x100b4310
(receive_packet) assoc->10aa5578 BOGUS PACKET TYPE: Protocol version mismatch - major->3a
minor->35

1998-08-21-11:30:46.989-04:00I1.139 dced WARNING rpc cn_pkt cnrcvr.c 1573 0x100b8e60
(receive_packet) assoc->10aab900 BOGUS PACKET TYPE: Protocol version mismatch - major->3a
minor->35

This problem has been turned over to SGI DCE Development for further investigation (case# 0999030) with daily reports of the information reported to the DCE IPT. Kevin Lange has been assigned this problem and is in DAILY contact with SGI. SGI has been able to identify the area of code where the error is occurring, but have not identified the lines of code which causes the core dump. We have supplied SGI with the core dump, as well as some new data recovered while the dump recently took place. SGI instructed us to turn on a new servicability log (RPC) which returns a lot more information.

This problem being intermittent, and not reproducible, with the workaround of restarting the daemons upon the notification of the dced daemon dying, The DCE IPT request that the severity class be downgraded.

ECSed11213 LIM Capabilities not integrated in drop 3 010998 PROBLEM DESCRIPTION....

The LIM capabilities that were specified in the build document for drop 3, where not integrated for drop 3 delivery to the VATC. Such capabilities are

LIM Acquire including order tracking
LIM L7 billing and accounting workaround

ECSed13113 IngestFtp Server Crashes with MSS Logging 031398 PROBLEM DESCRIPTION....
The STMGT IngestFtp Server crashed while Ftping data from Landsat. After some analysis, it turns out that the ftp username/password were incorrect. When STMGT tried to log the error messages with MSS, an overflow occurred, and the IngestFtp Server crashed.

The server shouldn't come down because it had trouble logging messages with MSS. After talking with STMGT and IDG developers, they said that the problem was related to a problem they've seen in the EDF, concerning an SGI non-standard system library (I believe it's /usr/lib/libC.so). STMGT has had trouble with the standard library, and they've been testing with a non-standard version obtained from SGI, with inconclusive results. The non-standard library does not reside in the VATC. When the error is encountered, there is no workaround! However, in our case, we corrected the ftp username/password error, and we didn't have to log so many MSS messages, thereby getting around the crash.

The IDG programmers said the error will come up more often when the MSS logging file is small (this was not the case in the VATC), or when logging a lot of messages (not really the case either...).

Ultimately, I think a fix can be made to MSS, but I'm not sure what to do if the problem comes up again that can't be easily worked around.

ECSed13113 IngestFtp Server Crashes with MSS Logging 031398 IMPACT.... Potentially a big impact, in that processing cannot continue until the reason for the error logging is fixed and therefore not necessary to log anymore (in our case, we corrected the ftp username/password).

If the problem can't be corrected, I know of no other workaround other than getting this non-standard library after it has been sufficiently tested by development.

ECSed04413 Stand-by parameters not getting submitted in analysis request 110696

Bug ID: ECSed09322 FOS_POST_RRR Submitted: 971006
ASSIGNED-EVAL defect report Assigned-Eval: 971029

Software: events 1 enclosure

"Event Display window resizing problem"

DETECTION INFORMATION ANALYSIS INFORMATION
Detection method[*]: Unplanned Test Evaluate engineer: scottc
Detected in phase[*]: M&O Operations
Test Case ID:
Build ID: Rel B
Platform ID: P 9 & 10 OPS LAN's
Test Site[*]: EOC
Severity (1=Showstopper)[*]: 2

Related-DR:

SUBMITTER INFORMATION
Submitter: dlevin
Address: dlevin@puff

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Bug ID: ECSed09322 FOS_POST_RRR
ASSIGNED-EVAL defect report

Platform ID: beeper
Test Site[*]: EDF
Severity (1=Showstopper)[*]: 3

Related-DR:

SUBMITTER INFORMATION

Submitter: Dawn Levin (Loral)
Address: dlevin@puff

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Bug ID: ECSed02855 FOS_TEST_B
ASSIGNED-EVAL defect report

Page 2/2

***** Problem *****

Please describe the problem you are experiencing below, including what you did, what you expected to happen, and what actually happened:

The KILL directive needs to be implemented to perform a KILL-procedure operation. This can be done by calling the procedure controller proxy from the FuCIYaccy code.

***** Analysis *****

Please describe your analysis to this problem:

Submitter: Robert Moore
Address: rmoore@puff

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Bug ID: ECSed07170 FOS_TEST_B Assigned-Verify 970711
CLOSE defect report Verified 970926
Closed 971006

RESOLUTION INFORMATION

Resolutions[*]: source code
Resolved by: rmoore
SLOC: 20
Fixing time (hrs): 2
Documentation affected (Y/N)? N
When_fixed:

CLOSING INFORMATION:

Closing accepted by:

TESTING INFORMATION:

Assigned test engineer: skomenda

VERIFICATION INFORMATION

Test Status (Pass/Fail)? P
Elapsed test time (hrs): 1
Attachments (Y/N)? N (skomenda@puff)

Page 2/2

***** Problem *****

While testing the memory image process I sent a memory image compare request for two images where one image was a subset of the other. This put the memory image process into an infinite loop of memory allocations exhausting memory resources.

***** Resolution (Added 970616 by rmoore) *****

The problem had to deal with comparing exact subset images. The software was not detecting this situation and was not moving past the last element in the larger image.

I have added a check for this situation to break out of the loop.

SUBMITTER INFORMATION

Submitter: dlevin
Address: dlevin@puff

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Bug ID: ECSed08283 FOS_POST_RRR Assigned-Verify 971112
CLOSE defect report Verified 971112
Closed 971117

RESOLUTION INFORMATION

Resolutions[*]: configuration
Resolved by: mcampbel
SLOC: 0
Fixing time (hrs): 1
Documentation affected (Y/N)? N
When_fixed: 2.0.2

CLOSING INFORMATION:

Closing accepted by:

TESTING INFORMATION:

Assigned test engineer: skomenda

VERIFICATION INFORMATION

Test Status (Pass/Fail)? : P
Elapsed test time (hrs): 1
Attachments (Y/N)? N (lsheckle@puff)

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***** Problem *****

Please describe the problem you are experiencing below, including what you did, what you expected to happen, and what actually happened:

Report generator tool doesn't come up, fatal error (errno=2) received.
See attachment.

John Rubenacker
8/8/97

***** resolution (Added 970819 by mcampbel) *****

An environment variable was added to the start-up. The code, however needs to be updated to accomodate missing environmment vara

***** re-open (Added 970929 by skomenda) *****

This test still has significant liens against the software. Can not test at this time.

***** Verification (Added 971112 by lsheckle) *****

This fix was verified by the FOS integration/test team.

john Rubenacker 11/12/97

***** Action Taken (Added 971117 by dlevin) *****

Closed by NCR Review board

11/17/97

***** History *****

- xdds 970814 160953 Submitted to FOS_TEST_B by dlevin@puff
- xdds 970814 161037 Enclosure "Problem" added by dlevin
- xdds 970814 180740 N -> A (Assigned-Eval to lsheckle) by cwmurphy
- xdds 970815 094336 A -> O by lsheckle
- xdds 970819 164811 O -> R (Resolution = configuration) by
- xdds 970819 164916 Enclosure "resolution" added by mcampbel
- xdds 970821 145214 enclosure "resolution" edited by lsheckle
- xdds 970821 145242 R -> T by
- xdds 970929 134157 T -> V by skomenda
- xdds 970929 134201 V -> A (Assigned-Eval to lsheckle) by skomenda
- xdds 970929 134202 A -> O by skomenda
- xdds 970929 134639 Enclosure "re-open" added by skomenda
- xdds 971012 124532 O -> O by tbrandt
- xdds 971112 150301 O -> R (Resolution = configuration) by
- xdds 971112 150304 R -> T by
- xdds 971112 150314 T -> V by lsheckle
- xdds 971112 150545 Enclosure "Verification" added by lsheckle
- xdds 971117 124856 V -> C by
- xdds 971117 124912 Enclosure "Action Taken" added by dlevin

Bug ID: ECSed08775
CLOSE defect report

FOS_POST_RRR

Submitted: 970831

Assigned-Eval: 970915

Assigned-Fix: 970915

Test Site[*]: EDF Est. fix time (hrs): 3
Severity (1=Showstopper)[*]: 1

Related-DR:

SUBMITTER INFORMATION

Submitter: ereiter
Address: ereiter@puff

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Bug ID: ECSed09406 FOS_POST_RRR Assigned-Verify 971112
CLOSE defect report Verified 971124
Closed 971201

RESOLUTION INFORMATION

Resolutions[*]: source code
Resolved by: lwoods
SLOC: 0
Fixing time (hrs): 3
Documentation affected (Y/N)? N
When_fixed: 2.0.3

CLOSING INFORMATION:

Closing accepted by:

TESTING INFORMATION:

Assigned test engineer: skomenda

VERIFICATION INFORMATION

Test Status (Pass/Fail)? P
Elapsed test time (hrs): 0
Attachments (Y/N)? N (dhyde@puff)

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***** Problem *****

Please describe the problem you are experiencing below, including what you did, what you expected to happen, and what actually happened:

In FpCsApplShell::showDefSchedInfo lastSelectedAct is a static variable that points to an activity in the activity pool. When the resource model disconnects and reconnects (usually the resource model goes down and is restarted) the activity pool is reloaded. When this happens the lastSelectedAct variable is now pointing into space and the CS core dumps on line

```
FpAcSchedInfo* info = lastSelectedAct->defaultSchedInfo();
```

because defaultSchedInfo is also in space.

When the pools get reread this also needs to be cleared or just made a global variable so that the FpCsSrmNoid can clear it.

***** Resolution (Added 971016 by lwoods) *****

Changed FpCsApplShell.cc to resolve the core dump problem. The same core dump problem found in FpCsApplShell also existed in FpGsApplShell. Changes have been made to FpGsApplShell.cc to resolve the GS core dump problem.

***** Verification (Added 971124 by ereiter) *****

Verified by bringing the tools up, scheduling a communication contact, then I brought the resource model down and when I restarted it the contact scheduler reinitialized itself correctly.

Verified in integration using patch 2.0.4, sun - userstation dec-dataserver

***** Action Taken (Added 971201 by bseaman) *****

Closed by NCR Review Board

12/1/97

***** History *****

xdds 971014 193308 Submitted to PAS_B by ereiter@puff
xdds 971014 193829 Enclosure "Problem" added by ereiter
xdds 971014 193853 Fields modified by ereiter
xdds 971014 193906 Fields modified by ereiter
xdds 971014 193932 Fields modified by ereiter
xdds 971014 193950 N -> A (Assigned-Eval to ereiter) by ereiter
xdds 971014 194002 A -> O by ereiter
xdds 971016 165243 Enclosure "Resolution" added by lwoods
xdds 971020 102049 O -> R (Resolution = source code) by
xdds 971112 134014 R -> T by
xdds 971124 070620 Enclosure "Verification" added by ereiter
xdds 971124 094151 T -> V by dhyde
xdds 971201 152947 V -> C by
xdds 971201 152955 Enclosure "Action Taken" added by bseaman

Please describe the problem you are experiencing below, including what you did, what you expected to happen, and what actually happened:

The binary load builder can not successfully send the scheduling request. The load can not be scheduled for uplink.

Theresa

***** resolution (Added 970528 by mwisniew) *****

Scheduling was not working because Load Catalog Server was not returning information from the database correctly.

I believe DMS has fixed this problem.

***** Verification (Added 970901 by dlevin) *****

No FUI/PAS Interface
(Patch 11)

Stan Washington
8/29/97

***** Workaround (Added 970912 by dhyde) *****

Workaround until this is fixed:

from the scripts directory

```
st_ls -load 'load name' -partitions 1 -size 1000 -validstart 1997:100:00:00:00  
-validstop 1997:101:00:00:00
```

Of course, use actual values for load, partition, size and valid interval

- David

***** Action Taken (Added 970917 by lsheckle) *****

This NCR fix was verified by the integration/test team.

lsheckle 9/17/97

Bug ID: ECSed07508
CLOSE defect report

FOS_TEST_B Assigned-Verify 970714
Verified 970714
Closed 970721

RESOLUTION INFORMATION

CLOSING INFORMATION:

Resolutions[*]: no fix
Resolved by: tjohnson
SLOC: 1
Fixing time (hrs): 1
Documentation affected (Y/N)? N
When_fixed:

Closing accepted by: cwmurphy

TESTING INFORMATION:

Assigned test engineer: skomenda

VERIFICATION INFORMATION

Test Status (Pass/Fail)? P
Elapsed test time (hrs): 1
Attachments (Y/N)? N (tjohnson@puff)

***** Problem *****

Please describe the problem you are experiencing below, including what you did, what you expected to happen, and what actually happened:

Spacecraft state check doesn't appear to function after loading a command table and trying the evaluate command while real time telemetry was running.

Dave Shoup
7/2/97

***** Analysis (Added 970709 by tjohnson) *****

The State Check functionality has not yet been integrated.
It is on my list!

***** Verification (Added 970714 by tjohnson) *****

The state check process is receiving requests and processing them correctly. This was tested in the

"Failure to Load State Check Table with Time Parameter"

DETECTION INFORMATION

Detection method[*]: Planned Test
Detected in phase[*]: System I&T B
Test Case ID: CONT 2040B
Build ID: Patch 8
Platform ID:
Test Site[*]: EOC
Severity (1=Showstopper)[*]: 1

ANALYSIS INFORMATION

Evaluate engineer: tjohnson
Assigned to: kfregeol
Affect Subsystem[*]: FUI
Analysis time (hrs): 1
Est. fix time (hrs): 1

Related-DR:

SUBMITTER INFORMATION

Submitter: Dawn Levin (Loral)
Address: dlevin@puff

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Bug ID: ECSed08017 FOS_TEST_B Assigned-Verify 970820
CLOSE defect report Verified 970901
Closed 970915

RESOLUTION INFORMATION

Resolutions[*]: not a bug
Resolved by: cwmurphy
SLOC: 0
Fixing time (hrs): 1
Documentation affected (Y/N)? N
When_fixed:

CLOSING INFORMATION:

Closing accepted by: lsheckle

TESTING INFORMATION:

Assigned test engineer: skomenda

VERIFICATION INFORMATION

Test Status (Pass/Fail)? : P
Elapsed test time (hrs): 1
Attachments (Y/N)? N (dlevin@puff)

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***** Problem *****

Please describe the problem you are experiencing below, including what you did, what you expected to happen, and what actually happened:

When trying to Load a command table with a specific time in the ECL directive window, the error, Syntax Error, parse error invalid parameter 1997 reater occurs. If time is placed before the time entered you get the same error on time = create a LOAD table at the current

time and leave the time parameter off.

Dave Shoup
7/24/97

***** Resolution (Added 970820 by tjohnson) *****

The state check ECL directive has changed. You do not have to enter the word "TIME" to specify the time. Also, in patch 11 the keyword changed from "STATE" to "STATECHECK".

***** Verification (Added 970901 by dlevin) *****
Closed. (patch 11)

Rick Scannell
8/29/97

***** Action Taken (Added 970915 by lsheckle) *****

This NCR fix was verified by the integration/test team.

lsheckle 9/15/97

***** History *****

xdds 970730 091533 Submitted to FOS_TEST_B by dlevin@puff
xdds 970730 091811 Enclosure "Problem" added by dlevin
xdds 970730 100448 N -> A (Assigned-Eval to tjohnson) by cwmurphy
xdds 970804 132118 A -> O by tjohnson
xdds 970819 183046 O -> R (Resolution = not a bug) by
xdds 970820 161116 R -> T by
xdds 970820 161351 Enclosure "Resolution" added by tjohnson
xdds 970901 181427 T -> V by dlevin
xdds 970901 181450 Enclosure "Verification" added by dlevin
xdds 970915 152001 V -> C by lsheckle
xdds 970915 152014 Enclosure "Action Taken" added by lsheckle

DETECTION INFORMATION

Detection method[*]: Planned Test
Detected in phase[*]: System I&T B
Test Case ID: EDOS-2000B
Build ID: B
Platform ID: all
Test Site[*]: EDF
Severity (1=Showstopper)[*]: 1

ANALYSIS INFORMATION

Evaluate engineer: tjohnson
Assigned to: dpeters
Affect Subsystem[*]: DMS
Analysis time (hrs): 4
Est. fix time (hrs): 1

Related-DR: 07509

SUBMITTER INFORMATION

Submitter: Bridget Kennedy
Address: bkennedy@puff

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Bug ID: ECSed07821
CLOSE defect report

FOS_TEST_B

Assigned-Verify 970806

Verified 970806

Closed 970814

RESOLUTION INFORMATION

Resolutions[*]: source code
Resolved by: bkennedy nlutzio
SLOC: 4
Fixing time (hrs): 1
Documentation affected (Y/N)? N
When_fixed:

CLOSING INFORMATION:

Closing accepted by:

TESTING INFORMATION:

Assigned test engineer: tjohnson

VERIFICATION INFORMATION

Test Status (Pass/Fail)? : P
Elapsed test time (hrs): 1
Attachments (Y/N)? N (tjohnson@puff)

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***** Problem *****

Please describe the problem you are experiencing below, including what you did, what you expected to happen, and what actually happened:

Selected EDOS from the Replay Controller Data Type pulldown menu. RMS issued the following: "Replay Service Request contains invalid Replay Data Type".

***** Analysis (Added 970721 by bkennedy) *****

Attached a debugger to String Manager. The message from Replay Controller specified "EDOSout" as the replay data type. String Manager is expecting "EDOSin". The FuRcReplayController::EdosCB method needs to be modified to use the correct enumerated type in the replay request message.

***** Analysis2 (Added 970722 by bkennedy) *****

After modifying Replay Controller to use the correct archive type, FrEGrEin instead of FrEGrEout, I ran a test in DEV. This brought me to the next problem: "DMS Request has invalid datatype: 8" in the Replay Controller status window. Further investigation revealed the same misuse of enums in a request check in FdQmQueueManager::VerifyReplay().

Also, both Replay Controller and Queue Manager incorrectly use FrEGrNoutArchive instead of FrEGrNinArchive as the NCC archive flag. I made the Replay Controller corrections. Someone from DMS needs to fix FdQmQueueManager::VerifyReplay().

Fixes need to be followed by thorough testing since String Manager has been rejecting these EDOS and NCC replay requests up to this point.

***** Resolution (Added 970731 by nlutzio) *****

Modified FdQmQueueManager::VerifyReplay() to use FrEGrEin and FrEGrNin instead of FrEGrEout and FrEGrNout.

***** Verification (Added 970806 by tjohnson) *****

Verified in patch 10

***** Action Taken (Added 970814 by dlevin) *****

Closed by NCR Review Board.

***** History *****

xdds 970721 143055 Submitted to FOS_TEST_B by bkennedy@puff
xdds 970721 143216 Enclosure "Problem" added by bkennedy
xdds 970721 143919 Enclosure "Analysis" added by bkennedy
xdds 970721 144713 enclosure "Analysis" edited by bkennedy
xdds 970722 105902 Enclosure "Analysis2" added by bkennedy
xdds 970722 121142 N -> A (Assigned-Eval to tjohnson) by cwmurphy

Fixing time (hrs): 1
Documentation affected (Y/N)? N
When_fixed:

TESTING INFORMATION:
Assigned test engineer: mblazeje

VERIFICATION INFORMATION
Test Status (Pass/Fail)? : P
Elapsed test time (hrs): 1
Attachments (Y/N)? N (mblazeje@puff)

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***** Problem *****

Please describe the problem you are experiencing below, including what you did, what you expected to happen, and what actually happened:

Ground parameters not updating.

***** resolution (Added 970821 by mcampbel) *****

The FuEcController.C was changed to check for config telemetry endpoints.

***** Verification (Added 970826 by mblazeje) *****

Ground Telemetry values are updating display pages at the EOC.

***** Action Taken (Added 970915 by lsheckle) *****

This NCR fix was verified by the integration/test team.

lsheckle 9/15/97

***** History *****

xdds 970821 093628 Submitted to FOS_TEST_B by mcampbel@puff
xdds 970821 093715 Enclosure "Problem" added by mcampbel
xdds 970821 093746 enclosure "Problem" edited by mcampbel
xdds 970821 094251 Enclosure "resolution" added by mcampbel
xdds 970821 095248 N -> A (Assigned-Eval to tjohnson) by cwmurphy
xdds 970821 095257 A -> O by cwmurphy

VERIFICATION INFORMATION

Test Status (Pass/Fail)? : P
Elapsed test time (hrs): 1
Attachments (Y/N)? N (tjohnson@puff)

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***** Problem *****

Please describe the problem you are experiencing below, including what you did, what you expected to happen, and what actually happened:

FOS B unable to display 1 Kbps Health and Safety telemetry.

Ken McKenzie
7/1/97

***** Verification (Added 970806 by tjohnson) *****

This problem was fixed in patch 9.

***** Resolution (Added 970806 by tjohnson) *****

There was an uninitialized pointer in the decom code.
The pointer was initialized to EcDNull.

***** Action Taken (Added 970814 by dlevin) *****

Closed by NCR Review Board.

***** History *****

xdds 970805 160128 Submitted to FOS_TEST_B by dlevin@puff
xdds 970805 160159 Enclosure "Problem" added by dlevin
xdds 970806 094202 N -> A (Assigned-Eval to tjohnson) by tjohnson
xdds 970806 094210 A -> O by tjohnson
xdds 970806 094219 O -> R (Resolution = source code) by
xdds 970806 094222 R -> T by
xdds 970806 094225 T -> V by tjohnson
xdds 970806 094248 Enclosure "Verification" added by tjohnson
xdds 970806 094329 Enclosure "Resolution" added by tjohnson

Test Status (Pass/Fail)? P
Elapsed test time (hrs): 2
Attachments (Y/N)? N (cramsey@puff)

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***** Problem *****

Please describe the problem you are experiencing below, including what you did, what you expected to happen, and what actually happened:

Can't assign input telemetry values to an available user algorithm. The entire Analysis Request tool drops out when the filter selection button of the analysis request window is selected.

A user algorithm (poly_comp) had been successfully registered and was now being applied to an analysis request. Brought up the Analysis Request builder window and selected "algorithm" in order to select an available algorithm. The algorithm was selected then the "assign Input Tlm" button was clicked to bring up the Algorithm Input window. This window includes a "Filter" button that brings up the available subsystems. When the Filter button was selected, all of the Request Builder Windows dropped out.

This step was functional earlier in the day. No builds were made and no changes to the odf files were done.

***** Resolution (Added 970728 by mcampbel) *****

Remove hard path to odf directory and replaced with member variable.

***** Vnification (Added 970808 by cramsey) *****

The algorithms were successfully displayed and selected. The Request Builder tool remained in process.

Cramsey(INT)

***** Action Taken (Added 970814 by dlevin) *****

Closed by NCR Review Board.

***** History *****

xdds 970716 161729 Submitted to FOS_TEST_B by cramsey@puff
xdds 970716 165021 Enclosure "Problem" added by cramsey

Resolved by: krobair
SLOC: 1
Fixing time (hrs): 1
Documentation affected (Y/N)? N
When_fixed:

TESTING INFORMATION:
Assigned test engineer: tjohnson

VERIFICATION INFORMATION
Test Status (Pass/Fail)? : P
Elapsed test time (hrs): 1
Attachments (Y/N)? N (tjohnson@puff)

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***** Problem *****

The FaAlActivityLogMonitor dies when initializing.

***** Verification (Added 970820 by tjohnson) *****

I have seen this work with patch 11.

***** Action Taken (Added 970825 by dlevin) *****

Closed by NCR Review Board.

***** History *****

xdds 970716 164315 Submitted to FOS_TEST_B by krobair@puff
xdds 970716 164538 Enclosure "Problem" added by krobair
xdds 970717 093555 N -> A (Assigned-Eval to tjohnson) by tjohnson
xdds 970717 093601 A -> O by tjohnson
xdds 970819 183124 O -> R (Resolution = source code) by
xdds 970820 160525 R -> T by
xdds 970820 160622 T -> V by tjohnson
xdds 970820 160639 Enclosure "Verification" added by tjohnson
xdds 970825 103913 V -> C by
xdds 970825 104018 Enclosure "Action Taken" added by dlevin

***** Problem *****

Please describe the problem you are experiencing below, including what you did, what you expected to happen, and what actually happened:

While re configuring EDOS from (16/16/10) to (1/0/0) fose9oe terminal died. No telemetry updates or respnses from the system

Upon taking down system(mykill) the FdEvEventHandler process could not be killed and eventually errored out. No snaps could be taken(they wouldn't print out). tha actual error was:

Error-Process FdEvEventHandler will not die using kill-9

MRA 1/7/97

***** Analysis *****

Please describe your analysis to this problem:

***** Action Taken (Added 970707 by lsheckle) *****

I believe the display freezing up was just a unexplained occurance which cannot be reproduced on demand. But had no connection to the MyKill msg. mentioned.

The MyKill script generates the msg. mentioned in the problem discription and the processing described is normal for clearing processes from a workstation.

lsheckle (FOS/INT) 7/7/97

***** History *****

xdds 970211 081859 Submitted to FOS_TEST_B by jclark@puff
xdds 970211 082347 Enclosure "Problem" added by jclark
xdds 970213 132826 Forwarded from FOS_TEST_B to From_A by jclark
xdds 970303 145842 N -> A (Assigned-Eval to kchristo) by tjohnson
xdds 970314 133910 Fields modified by mblazeje
xdds 970314 134232 Enclosure Analysis added by cmedley
xdds 970314 134232 A -> O by mblazeje
xdds 970314 134235 Fields modified by mblazeje
xdds 970520 142836 O -> R (Resolution = not a bug) by
xdds 970520 143003 R -> T by
xdds 970627 085347 Fields modified by rbrauns
xdds 970707 172219 T -> V by lsheckle
xdds 970707 172235 V -> C by cwmurphy

xddts 970707 173059 Enclosure "Action Taken" added by lsheckle

Bug ID: ECSed07575 FOS_TEST_B Submitted: 970709
CLOSE defect report Assigned-Eval: 970709
Assigned-Fix: 970714
Software: analysis req 3 enclosures

"Request Manager needs to modify the way it starts the FdDrTlmRetrieve"

DETECTION INFORMATION ANALYSIS INFORMATION
Detection method[*]: Planned Test Evaluate engineer: tjohnson
Detected in phase[*]: Integration
Test Case ID: Assigned to: krobair
Build ID: B Affect Subsystem[*]: ANA
Platform ID: Analysis time (hrs): 1
Test Site[*]: EDF Est. fix time (hrs): 1
Severity (1=Showstopper)[*]: 1

Related-DR:

SUBMITTER INFORMATION
Submitter: Kevin Robair
Address: krobair@puff

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Bug ID: ECSed07575 FOS_TEST_B Assigned-Verify 970806
CLOSE defect report Verified 970806
Closed 970814

RESOLUTION INFORMATION CLOSING INFORMATION:
Resolutions[*]: source code Closing accepted by:
Resolved by: krobair
SLOC: 2
Fixing time (hrs): 1
Documentation affected (Y/N)? N
When_fixed:

TESTING INFORMATION:
Assigned test engineer: tjohnson

VERIFICATION INFORMATION
Test Status (Pass/Fail)? : P

Detected in phase[*]: System I&T B
Test Case ID: Assigned to: krobair
Build ID: patch11 Affect Subsystem[*]: ANA
Platform ID: Analysis time (hrs): 1
Test Site[*]: EDF Est. fix time (hrs): 1
Severity (1=Showstopper)[*]: 1

Related-DR:

SUBMITTER INFORMATION

Submitter: tjohnson
Address: tjohnson@puff

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Bug ID: ECSed08582 FOS_TEST_B Assigned-Verify 970908
CLOSE defect report Verified 970908
Closed 970915

RESOLUTION INFORMATION

Resolutions[*]: source code
Resolved by: tjohnson
SLOC: 1
Fixing time (hrs): 1
Documentation affected (Y/N)? N
When_fixed:

CLOSING INFORMATION:

Closing accepted by: lsheckle

TESTING INFORMATION:

Assigned test engineer: tjohnson

VERIFICATION INFORMATION

Test Status (Pass/Fail)? P
Elapsed test time (hrs): 1
Attachments (Y/N)? N (tjohnson@puff)

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***** Problem *****

Please describe the problem you are experiencing below, including what you did, what you expected to happen, and what actually happened:

The Activity Log Monitor gets the wrong value for the pid 5016.
Therefore it does not process any activity log messages.

Detected in phase[*]: M&O Operations
Test Case ID: Users Guide Review Assigned to: dhyde
Build ID: Rel B Affect Subsystem[*]: PAS
Platform ID: P9 OPS LAN Analysis time (hrs): 0
Test Site[*]: EOC Est. fix time (hrs): 0
Severity (1=Showstopper)[*]: 1

Related-DR:

SUBMITTER INFORMATION

Submitter: dlevin
Address: dlevin@puff

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Bug ID: ECSed09444 FOS_POST_RRR Assigned-Verify 971112
CLOSE defect report Verified 971119
Closed 971201

RESOLUTION INFORMATION

Resolutions[*]: not a bug
Resolved by: dhyde
SLOC: 0
Fixing time (hrs): 0
Documentation affected (Y/N)? N
When_fixed: 2.0.3

CLOSING INFORMATION:

Closing accepted by:

TESTING INFORMATION:

Assigned test engineer: skomenda

VERIFICATION INFORMATION

Test Status (Pass/Fail)? P
Elapsed test time (hrs): 0
Attachments (Y/N)? N (dhyde@puff)

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***** Problem *****

Please describe the problem you are experiencing below, including what you did, what you expected to happen, and what actually happened:

A Defined Activity under AM1 Load/Uplink Resource does not appear in the Activities Window within the General Scheduler tool when attempting to schedule it on the Timeline.

Ed Rodriguez
8/6/97

Detected in phase[*]: M&O Exercise
Test Case ID: User's Guide Rev Assigned to: jyu
Build ID: Rel B, P7 Affect Subsystem[*]: PAS
Platform ID: Analysis time (hrs): 0
Test Site[*]: EOC Est. fix time (hrs): 4
Severity (1=Showstopper)[*]: 1

Related-DR:

SUBMITTER INFORMATION

Submitter: dlevin
Address: dlevin@puff

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Bug ID: ECSed09331 FOS_POST_RRR Assigned-Verify 971112
CLOSE defect report Verified 971119
Closed 971201

RESOLUTION INFORMATION

Resolutions[*]: not a bug
Resolved by: jyu
SLOC: 0
Fixing time (hrs): 4
Documentation affected (Y/N)? N
When_fixed: 2.0.2

CLOSING INFORMATION:

Closing accepted by:

TESTING INFORMATION:

Assigned test engineer: skomenda

VERIFICATION INFORMATION

Test Status (Pass/Fail)? P
Elapsed test time (hrs): 0
Attachments (Y/N)? N (dhyde@puff)

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***** Problem *****

Please describe the problem you are experiencing below, including what you did, what you expected to happen, and what actually happened:

Error msg provided when attempting to enter ECL directives into an Activity definition. Error message does not indicate the offending ECL item or construct.

Nelson Pingitore
7/17/97

DETECTION INFORMATION

Detection method[*]: Planned Test
Detected in phase[*]: Acceptance Test
Test Case ID: SYS-2030B
Build ID:
Platform ID:
Test Site[*]: EDF
Severity (1=Showstopper)[*]: 1

ANALYSIS INFORMATION

Evaluate engineer: scottc
Assigned to: mcampbel
Affect Subsystem[*]: FUI
Analysis time (hrs): 1
Est. fix time (hrs): 1

Related-DR:

SUBMITTER INFORMATION

Submitter: cwmurphy
Address: cwmurphy@puff

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Bug ID: ECSed08399 FOS_TEST_B Assigned-Verify 970820
CLOSE defect report Verified 970829
Closed 970915

RESOLUTION INFORMATION

Resolutions[*]: source code
Resolved by: yadelekan
SLOC: 10
Fixing time (hrs): 1
Documentation affected (Y/N)? N
When_fixed:

CLOSING INFORMATION:

Closing accepted by: lsheckle

TESTING INFORMATION:

Assigned test engineer: skomenda

VERIFICATION INFORMATION

Test Status (Pass/Fail)? : P
Elapsed test time (hrs): 1
Attachments (Y/N)? N (dlevin@puff)

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***** Problem *****

Please describe the problem you are experiencing below, including what you did, what you expected to happen, and what actually happened:

The failover directive does not pass syntax check no matter what combination of options is tried. The string delete directive has similar problems.

Test Case ID: Assigned to: chunter
Build ID: B_P5 Affect Subsystem[*]: FOS
Platform ID: Analysis time (hrs): 1
Test Site[*]: EOC Est. fix time (hrs): 1
Severity (1=Showstopper)[*]: 1

Related-DR:

SUBMITTER INFORMATION

Submitter: Clyde Hunter
Address: chunter@puff

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Bug ID: ECSed07253 FOS_TEST_B Assigned-Verify 970627
CLOSE defect report Verified 970708
Closed 970715

RESOLUTION INFORMATION

Resolutions[*]: configuration
Resolved by:
SLOC: 1
Fixing time (hrs): 1
Documentation affected (Y/N)? N
When_fixed:

CLOSING INFORMATION:

Closing accepted by: cwmurphy

TESTING INFORMATION:

Assigned test engineer: bhill

VERIFICATION INFORMATION

Test Status (Pass/Fail)? P
Elapsed test time (hrs): 0.5
Attachments (Y/N)? N (scottc@puff)

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***** Problem *****

Please describe the problem you are experiencing below, including what you did, what you expected to happen, and what actually happened:

Procedure Builder core dumps when brought up at GSFC in the EOC

***** Resolution (Added 970627 by tjohnson) *****

The Procedure Builder would not come up because someone had changed FosEnvVars. The environment

Test Site[*]: EDF Est. fix time (hrs): 1
Severity (1=Showstopper)[*]: 1

Related-DR:

SUBMITTER INFORMATION
Submitter: Dawn Levin (Loral)
Address: dlevin@puff

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Bug ID: ECSed07786 FOS_TEST_B Assigned-Verify 970820
CLOSE defect report Verified 970820
Closed 970825

RESOLUTION INFORMATION CLOSING INFORMATION:
Resolutions[*]: data file Closing accepted by:
Resolved by: tjohnson
SLOC: 0
Fixing time (hrs): 1
Documentation affected (Y/N)? N
When_fixed:

TESTING INFORMATION:
Assigned test engineer: tjohnson

VERIFICATION INFORMATION
Test Status (Pass/Fail)? P
Elapsed test time (hrs): 1
Attachments (Y/N)? N (tjohnson@puff)

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***** Problem *****

Please describe the problem you are experiencing below, including what you did, what you expected to happen, and what actually happened:

Activity log software expects integer data while the project database has real tupe data. Either the code must be changed or the values in the project database in order to be consistent.

David Shoup
7/1/97

***** Verification (Added 970820 by tjohnson) *****

Bug ID: ECSed08286
CLOSE defect report

FOS_TEST_B

Assigned-Verify 970901

Verified 970901

Closed 970915

RESOLUTION INFORMATION

Resolutions[*]: source code

Resolved by: dpeters

SLOC: 1

Fixing time (hrs): 1

Documentation affected (Y/N)? N

When_fixed:

CLOSING INFORMATION:

Closing accepted by: lsheckle

TESTING INFORMATION:

Assigned test engineer: skomenda

VERIFICATION INFORMATION

Test Status (Pass/Fail)? P

Elapsed test time (hrs): 1

Attachments (Y/N)? N (dlevin@puff)

***** Problem *****

Please describe the problem you are experiencing below, including what you did, what you expected to happen, and what actually happened:

Red & Yellow "R's" and "Y's" are not appearing on display page when limits are broken. They must appear in column on right side of Display page.

Rick Scannell
8/8/97

***** Ro-Open (Added 970820 by tjohnson) *****

Need a resolution so we know what software changed and how to verify it.

***** Verification (Added 970901 by dlevin) *****

Closed. (Patch 11)

Rick Scannell
8/28/97

SUBMITTER INFORMATION

Submitter: Neil Clabough (LORAL -
Address: nclaboug@puff

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Bug ID: ECSed08081 FOS_TEST_B Assigned-Verify 970829
CLOSE defect report Verified 970919
Closed 970923

RESOLUTION INFORMATION

CLOSING INFORMATION:

Resolutions[*]: source code
Resolved by:
SLOC: 20
Fixing time (hrs): 5
Documentation affected (Y/N)? N
When_fixed:

Closing accepted by:

TESTING INFORMATION:

Assigned test engineer: skomenda

VERIFICATION INFORMATION

Test Status (Pass/Fail)? P
Elapsed test time (hrs): 1
Attachments (Y/N)? N (skomenda@puff)

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***** Problem *****

Please describe the problem you are experiencing below, including what you did, what you expected to happen, and what actually happened:

Currently for ATC Loads we are using FS1_MLOAD_TBLINIT as the load initiate command. In PDB 12, the WORD_OFFSET subfield is limited to 0 to 4096. This is causing a problem. According to my understanding, the offset should be from the start of the table. Now for ATC loads, there are 3000 commands with 12 words per command for a total of 36000 words. This is far greater than the database limit of 4096.

***** Lisa_Shears_response (Added 970804 by nclaboug) *****

Lisa Shear's response to the problem:

Yes, the WORD_OFFSET subfield should indicate the number of words from the start of the specified table to be loaded. From looking at PDB 13, this is

Test Case ID: Assigned to: lzhao
Build ID: patch 8 Affect Subsystem[*]: CMD
Platform ID: R/T Server pongo Analysis time (hrs): 1
Test Site[*]: EDF Est. fix time (hrs): 1
Severity (1=Showstopper)[*]: 1

Related-DR:

SUBMITTER INFORMATION

Submitter: Lisa Zhao (LORAL) x109
Address: lzhao@puff

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Bug ID: ECSed07782 FOS_TEST_B Assigned-Verify 970808
CLOSE defect report Verified 970926
Closed 971006

RESOLUTION INFORMATION

Resolutions[*]: source code
Resolved by: lzhao
SLOC: 5
Fixing time (hrs): 4
Documentation affected (Y/N)? N
When_fixed:

CLOSING INFORMATION:

Closing accepted by:

TESTING INFORMATION:

Assigned test engineer: skomenda

VERIFICATION INFORMATION

Test Status (Pass/Fail)? P
Elapsed test time (hrs): 1
Attachments (Y/N)? N (skomenda@puff)

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***** Problem *****

Please describe the problem you are experiencing below, including what you did, what you expected to happen, and what actually happened:

The Commanding Format process crashes whenever the first command sent is a load command.

***** Analysis (Added 970717 by lzhao) *****

In FcCdCmdController::QueueCmd() function, used the myRtCmd address before

myRtCmd is instantiated because we first send a load command.

```
***** Resolution (Added 970717 by lzhao) *****
In FcCdCmdController::QueueCmd(),
    myRtCmd->EnqueueTime(GetTimeInSS());
is changed to:
    thisCmd->EnqueueTime(GetTimeInSS());
```

This guarantees that the pointer used is instantiated before used.

```
***** Action Taken (Added 971006 by dlevin) *****
Closed by NCR Review Board.
```

Dawn Turner
10/6/97

```
***** History *****
xdds  970717 155521 Submitted to FOS_TEST_B by lzhao@puff
xdds  970717 155639 Enclosure "Problem" added by lzhao
xdds  970717 155930 Enclosure "Analysis" added by lzhao
xdds  970717 160503 Enclosure "Resolution" added by lzhao
xdds  970718 091317 N -> A (Assigned-Eval to chunter) by cwmurphy
xdds  970718 091332 A -> O by cwmurphy
xdds  970721 132025 O -> R (Resolution = source code) by
xdds  970808 142243 R -> T by
xdds  970926 120818 T -> V by skomenda
xdds  971006 155218 V -> C by
xdds  971006 155244 Enclosure "Action Taken" added by dlevin
```

Bug ID: ECSed08089	FOS_TEST_B	Submitted: 970804
CLOSE defect report		Assigned-Eval: 970804
		Assigned-Fix: 970804
Software: command		4 enclosures

"FmLdAM1LoadCatalog crashes during ATC processing."

DETECTION INFORMATION	ANALYSIS INFORMATION
Detection method[*]: Planned Test	Evaluate engineer: chunter

Detected in phase[*]: System I&T B
Test Case ID: CMS-2090B Assigned to: nclaboug
Build ID: P11 Affect Subsystem[*]: CMS
Platform ID: sun Analysis time (hrs): 1
Test Site[*]: EDF Est. fix time (hrs): 1
Severity (1=Showstopper)[*]: 1

Related-DR:

SUBMITTER INFORMATION

Submitter: Neil Clabough (LORAL -
Address: nclaboug@puff

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Bug ID: ECSed08089 FOS_TEST_B Assigned-Verify 970808
CLOSE defect report Verified 970928
Closed 971006

RESOLUTION INFORMATION

Resolutions[*]: source code
Resolved by: nclaboug
SLOC: 1
Fixing time (hrs): 1
Documentation affected (Y/N)? N
When_fixed:

CLOSING INFORMATION:

Closing accepted by:

TESTING INFORMATION:

Assigned test engineer: skomenda

VERIFICATION INFORMATION

Test Status (Pass/Fail)? : P
Elapsed test time (hrs): 1
Attachments (Y/N)? N (skomenda@puff)

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***** Problem *****

Please describe the problem you are experiencing below, including what you did, what you expected to happen, and what actually happened:

While building an ATC load with 1000+ commands, FmLdAM1LoadCatalog core dumps.

***** Analysis (Added 970804 by nclaboug) *****

During the building of the load initiate command for the second load partition for a 1000+ ATC load, the catalog core dumps on FmLdAM1ATCLoad's destructor. The error was traced to the clearing and destroying of the packets within a FoLiUplinkLoad.

Purify, showed that a free memory errors were occurring. After analyzing FmLdAM1LoadUtilities::GenerateLoadPackets(), it was discovered that the list of packets was not being cleared before being used to generate the seconde uplink load. As a result, the packets from the first load were being placed on the second uplink load. This caused the load catalog to crash when it attempted to clean up the second uplink load. Half the packets in the uplink load were already deleted.

***** Solution (Added 970804 by nclaboug) *****

The code in FmLdAM1LoadUtilities::GenerateLoadPackets() was modified to clear the packets list before reusing it to make the next uplink load.

***** Action Taken (Added 971006 by dlevin) *****

Closed by NCR Review Board.

Dawn Turner
10/6/97

***** History *****

xddts 970804 153612 Submitted to FOS_TEST_B by nclaboug@puff
xddts 970804 153707 Enclosure "Problem" added by nclaboug
xddts 970804 154431 Enclosure "Analysis" added by nclaboug
xddts 970804 154516 Enclosure "Solution" added by nclaboug
xddts 970804 183822 N -> A (Assigned-Eval to chunter) by cwmurphy
xddts 970804 183837 A -> O by cwmurphy
xddts 970805 132824 O -> R (Resolution = source code) by
xddts 970808 142217 R -> T by
xddts 970928 131719 T -> V by skomenda
xddts 970928 134505 Fields modified by skomenda
xddts 971006 155551 V -> C by
xddts 971006 155607 Enclosure "Action Taken" added by dlevin

Created and saved a TDRS contact w/service modes. Upon scheduling the contacts the resource model core dumps. This due to the resource name of the service mode is too long for the database and the match is not made. resource model cores. See Dave Hyde. Repeated problem.

Stan Washington
7/18/97

***** Resolution (Added 970721 by dhyde) *****

In three of the PAS tables, the resource name was 20 characters, but the resource names can actually be 32 characters. Everything works fine until someone saves act activity to the database, restarts their resource model to read in the activity from the database.

Modified the 3 .sql files to supply the proper length.

Wrote a new script pas_db_upd_p9 to upgrade existing database.

- David

***** Action Taken (Added 970923 by dlevin) *****

Closed by NCR Review Board.

Dawn Turner
9/23/97

***** History *****

xdds 970718 164926 Submitted to FOS_TEST_B by dlevin@puff
xdds 970718 165158 Enclosure "Problem" added by dlevin
xdds 970718 165641 enclosure "Problem" edited by dlevin
xdds 970718 175126 N -> A (Assigned-Eval to cramsey) by cwmurphy
xdds 970718 175130 Fields modified by cwmurphy
xdds 970721 102047 Enclosure "Resolution" added by dhyde
xdds 970721 102059 A -> O by dhyde
xdds 970721 102106 O -> R (Resolution = source code) by
xdds 970729 194926 R -> T by
xdds 970919 120311 T -> V by skomenda
xdds 970923 124720 V -> C by
xdds 970923 124744 Enclosure "Action Taken" added by dlevin

***** Problem *****

Please describe the problem you are experiencing below, including what you did, what you expected to happen, and what actually happened:

The FaSuStartupProxy has a null pointer that causes Control Window to crash.

The bug has been fixed and labeled.

***** Verification (Added 970823 by cramsey) *****

The Clock Correlation startup no longer causes the Control Window to crash.

cramsey (int)

***** Action Taken (Added 970825 by dlevin) *****

Closed by NCR Review Board.

***** History *****

xddts 970716 162836 Submitted to FOS_TEST_B by jfewell@puff
xddts 970716 174046 Enclosure "Problem" added by jfewell
xddts 970717 093816 N -> A (Assigned-Eval to cramsey) by tjohnson
xddts 970717 093822 A -> O by tjohnson
xddts 970819 181425 O -> R (Resolution = source code) by
xddts 970823 180740 R -> T by
xddts 970823 180748 T -> V by cramsey
xddts 970823 181323 Enclosure "Verification " added by cramsey
xddts 970825 104350 V -> C by
xddts 970825 104407 Enclosure "Action Taken" added by dlevin

Bug ID: ECSed08079
CLOSE defect report

FOS_TEST_B

Submitted: 970801

Assigned-Eval: 970801

Assigned-Fix: 970801

Software: sys mgmt

3 enclosures

"User Authentication and Display Software"

DETECTION INFORMATION

Detection method[*]: Planned Test
Detected in phase[*]: System I&T B
Test Case ID: FUI-
Build ID: Rel B, Patch #9
Platform ID:
Test Site[*]: EOC
Severity (1=Showstopper)[*]: 1

ANALYSIS INFORMATION

Evaluate engineer: scottc
Assigned to: kfregeol
Affect Subsystem[*]: FUI
Analysis time (hrs): 1
Est. fix time (hrs): 1

Related-DR:

SUBMITTER INFORMATION

Submitter: Dawn Levin (Loral)
Address: dlevin@puff

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Bug ID: ECSed08079
CLOSE defect report

FOS_TEST_B

Assigned-Verify 970811

Verified 970919

Closed 970923

RESOLUTION INFORMATION

Resolutions[*]: source code
Resolved by: fui
SLOC: 10
Fixing time (hrs): 1
Documentation affected (Y/N)? N
When_fixed:

CLOSING INFORMATION:

Closing accepted by:

TESTING INFORMATION:

Assigned test engineer: skomenda

VERIFICATION INFORMATION

Test Status (Pass/Fail)? : P
Elapsed test time (hrs): 1
Attachments (Y/N)? N (skomenda@puff)

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***** Problem *****

Please describe the problem you are experiencing below, including what you did, what you expected to happen, and what actually happened:

The software for user authentication which includes user roles is not available.

Bill Hill

Platform ID: Analysis time (hrs): 1
Test Site[*]: EDF Est. fix time (hrs): 1
Severity (1=Showstopper)[*]: 1

Related-DR:

SUBMITTER INFORMATION

Submitter: mblazeje
Address: mblazeje@puff

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Bug ID: ECSed08329 FOS_TEST_B Assigned-Verify 970823
CLOSE defect report Verified 970823
Closed 970825

RESOLUTION INFORMATION

Resolutions[*]: configuration
Resolved by: mcampbel
SLOC: 0
Fixing time (hrs): 1
Documentation affected (Y/N)? N
When_fixed:

CLOSING INFORMATION:

Closing accepted by:

TESTING INFORMATION:

Assigned test engineer: cramsey

VERIFICATION INFORMATION

Test Status (Pass/Fail)? P
Elapsed test time (hrs): 1
Attachments (Y/N)? N (cramsey@puff)

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***** Problem *****

Please describe the problem you are experiencing below, including what you did, what you expected to happen, and what actually happened:

While trying to add a User Algorithm to an analysis request, I clicked the "Assign Output Tlm..." button on the Analysis Request Window (currently reading algorithmWinSHELL). The following message then appears:

"Error [CRABS] RWFactory: attempting to create abstract class with ID 32775 (0x8007). The application (Analysis_Request_Builder) has encountered an error. Do you wish to terminate the program? YES NO "

Clicking "NO" merely regenerates the error message. Clicking "Yes" ends the entire Analysis Request process.

The problem does not occur in the stable environment.

***** resolution (Added 970818 by mcampbel) *****

A rebuild of FUI and deletion of the output_symbols_1.0 file fixed the problem. Basically the FuAnBuild executable has to be in sync with the output symbols file that gets created. This file should be removed with every new FuAnBuild delivery.

***** Verification (Added 970823 by cramsey) *****

I was able to successfully assign output telemetry.

cramsey(int)

***** Action Taken (Added 970825 by dlevin) *****

Closed by NCR Review Board.

***** History *****

xdds 970817 215348 Submitted to FOS_TEST_B by mblazeje@puff
xdds 970817 220432 Enclosure "Problem" added by mblazeje
xdds 970817 220540 enclosure "Problem" edited by mblazeje
xdds 970817 220556 N -> A (Assigned-Eval to cramsey) by mblazeje
xdds 970817 220626 A -> O by mblazeje
xdds 970818 112255 Fields modified by cwmurphy
xdds 970818 155448 O -> R (Resolution = configuration) by
xdds 970818 155647 Enclosure "resolution" added by mcampbel
xdds 970823 165702 R -> T by
xdds 970823 165712 T -> V by cramsey
xdds 970823 165823 Enclosure "Verification " added by cramsey
xdds 970825 110320 V -> C by
xdds 970825 110333 Enclosure "Action Taken" added by dlevin

Bug ID: ECSed08271
CLOSE defect report

FOS_TEST_B

Submitted: 970814

Assigned-Eval: 970823

Assigned-Fix: 970823

Software: FDF prod

4 enclosures

"VAL Database Table not Generated"

DETECTION INFORMATION

ANALYSIS INFORMATION

Detection method[*]: Planned Test Evaluate engineer: cramsey
Detected in phase[*]: Integration
Test Case ID: Assigned to: dpeters
Build ID: Affect Subsystem[*]: DMS
Platform ID: Analysis time (hrs): 6
Test Site[*]: EDF Est. fix time (hrs): 6
Severity (1=Showstopper)[*]: 1

Related-DR:

SUBMITTER INFORMATION

Submitter: cramsey
Address: cramsey@puff

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Bug ID: ECSed08271 FOS_TEST_B Assigned-Verify 970823
CLOSE defect report Verified 970823
Closed 970825

RESOLUTION INFORMATION

CLOSING INFORMATION:

Resolutions[*]: source code Closing accepted by:
Resolved by: scasey
SLOC: 1
Fixing time (hrs): 6
Documentation affected (Y/N)? N
When_fixed:

TESTING INFORMATION:

Assigned test engineer: cramsey

VERIFICATION INFORMATION

Test Status (Pass/Fail)? : P
Elapsed test time (hrs): 3
Attachments (Y/N)? N (cramsey@puff)

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***** Problem *****

Please describe the problem you are experiencing below, including what you did, what you expected to happen, and what actually happened:

The FDF process will not load the validated database. This is critical because this causes other portions of the FDF process to be untestable.

The OPS database table does not load which causes processes such as data management, data archival, planning and scheduling, ASTER, IST User, and analysis to not be kicked off because it takes its data from the OPS database.

***** Resolution (Added 970819 by scasey) *****

Resolution:

Sybase triggers do not get executed when a "insert into select * from" is used to move data from one table to another. Therefore, had to modify all occurrences of "select *" to "select <fn>,<fn>..." when moving header data.

***** Verification (Added 970823 by cramsey) *****

The validated and ops database is now loaded during the FDF process.

cramsey(int)

***** Action Taken (Added 970825 by dlevin) *****

Closed by NCR Review Board.

***** History *****

xddts 970814 084415 Submitted to FOS_TEST_B by cramsey@puff
xddts 970814 091139 Enclosure "Problem" added by cramsey
xddts 970814 091149 N -> A (Assigned-Eval to cramsey) by cramsey
xddts 970814 091213 A -> O by cramsey
xddts 970819 181633 O -> R (Resolution = source code) by
xddts 970819 183755 Enclosure "Resolution" added by scasey
xddts 970823 185150 R -> A (Assigned-Eval to cramsey) by cramsey
xddts 970823 185228 A -> O by cramsey
xddts 970823 185245 O -> R (Resolution = source code) by
xddts 970823 185257 R -> T by
xddts 970823 185315 T -> V by cramsey
xddts 970823 185422 Enclosure "Verification " added by cramsey
xddts 970825 103645 V -> C by
xddts 970825 103707 Enclosure "Action Taken" added by dlevin

***** Problem *****

Please describe the problem you are experiencing below, including what you did, what you expected to happen, and what actually happened:

When entering the ECL directive for clock correlation the control window disappears. The directive is CC START STRING =100

David Shoup
7/16/97

***** resolution (Added 970808 by mcampbel) *****

This ncr is unreproducible.

***** Verification (Added 970810 by cramsey) *****

Control window no longer crashes when the ECL directive "CC START SRTING = 100" is entered.

cramsey (int)

***** Action Taken (Added 970814 by dlevin) *****

Closed by NCR Review Board.

***** History *****

xdds 970717 165808 Submitted to FOS_TEST_B by dlevin@puff
xdds 970717 165921 Enclosure "Problem" added by dlevin
xdds 970717 165926 Fields modified by dlevin
xdds 970718 091206 N -> A (Assigned-Eval to cramsey) by cwmurphy
xdds 970805 105122 A -> O by chunter
xdds 970808 143941 O -> R (Resolution = unreproducible) by
xdds 970808 144009 Enclosure "resolution" added by mcampbel
xdds 970810 150601 R -> T by
xdds 970810 150612 T -> V by cramsey
xdds 970810 151206 Enclosure "Verification" added by cramsey
xdds 970814 110627 V -> C by
xdds 970814 110654 Enclosure "Action Taken" added by dlevin

Attachments (Y/N)? N (dlevin@puff)

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***** Problem *****

Please describe the problem you are experiencing below, including what you did, what you expected to happen, and what actually happened:

Failure to have RTworks working does not allow us to test OSS error message FAR +DSCRVER process failed initialization.

David Shoup
7/11/97

***** Resolution (Added 970820 by scottc) *****

RTworks and supporting data files have been installed at the EOC and are available to continue the test procedures.

***** Verification (Added 970901 by dlevin) *****

Verified at AT (Patch 11)

Dave Shoup
8/28/97

***** Action Taken (Added 970915 by lsheckle) *****

This NCR fix was verified by the integration/test team.

lsheckle 9/15/97

***** History *****

xdds 970717 131058 Submitted to FOS_TEST_B by dlevin@puff
xdds 970717 131201 Enclosure "Problem" added by dlevin
xdds 970718 091502 Fields modified by cwmurphy
xdds 970718 091528 N -> A (Assigned-Eval to scottc) by cwmurphy
xdds 970723 164444 A -> O by scottc
xdds 970819 182827 O -> R (Resolution = configuration) by
xdds 970820 161052 R -> T by
xdds 970820 161336 Enclosure "Resolution" added by scottc

VERIFICATION INFORMATION

Test Status (Pass/Fail)? : P
Elapsed test time (hrs): 1
Attachments (Y/N)? N (lsheckle@puff)

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***** Problem *****

Please describe the problem you are experiencing below, including what you did, what you expected to happen, and what actually happened:

This test was not run prior to the Rel. B FCA.
All requirements are unverified.

***** Resolution (Added 971114 by jrubenac) *****

Software fixed for R 2.0.3.

***** Verification (Added 971114 by jrubenac) *****

Successfully ran EDOS-2002B in mini-EOC on R 2.0.3 on Nov. 12, 1997.
John Rubenacker

***** Action Taken (Added 971117 by dlevin) *****

Closed by NCR Review Board

11/17/97

***** History *****

xddts 970831 224611 Submitted to FOS_TEST_B by dlevin@puff
xddts 970831 224651 Enclosure "Problem" added by dlevin
xddts 970909 085526 N -> A (Assigned-Eval to chunter) by cwmurphy
xddts 970909 085541 A -> O by cwmurphy
xddts 971114 163940 O -> R (Resolution = process) by
xddts 971114 163948 R -> T by
xddts 971114 163956 T -> V by lsheckle
xddts 971114 170147 Enclosure "Resolution" added by jrubenac
xddts 971114 170712 Enclosure "Verification" added by jrubenac
xddts 971117 125713 V -> C by
xddts 971117 125726 Enclosure "Action Taken" added by dlevin

Attachments (Y/N)? N (skomenda@puff)

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***** Problem *****

Please describe the problem you are experiencing below, including what you did, what you expected to happen, and what actually happened:

While testing load uplinking, I sent a partition that did not exist. I use FoXdInFile to open the file which is suppose to return a boolean for success or failure. This class returns true if the file doesn't exist.

***** Resolution (Added 970722 by sfirth) *****

This NCR has been fixed, and tested. I recommend that this NCR be closed.

***** Action Taken (Added 971006 by dlevin) *****

Closed by NCR Review Board.

Dawn Turner
10/6/97

***** History *****

xdds 970529 113905 Submitted to FOS_INTEGR_B by gmoylan@puff
xdds 970529 114110 Enclosure "Problem" added by gmoylan
xdds 970529 114127 N -> A (Assigned-Eval to gmoylan) by gmoylan
xdds 970529 114141 A -> O by gmoylan
xdds 970529 114201 O -> R (Resolution = source code) by
xdds 970611 112854 Fields modified by sfirth
xdds 970611 112920 R -> R (Resolution = source code) by
xdds 970716 130434 Fields modified by cwmurphy
xdds 970716 130546 R -> A (Assigned-Eval to scottc) by cwmurphy
xdds 970716 130549 A -> O by cwmurphy
xdds 970716 130559 Fields modified by cwmurphy
xdds 970722 101351 O -> R (Resolution = source code) by
xdds 970722 103608 Enclosure "Resolution" added by sfirth
xdds 970811 090429 R -> T by
xdds 970926 112143 T -> V by skomenda
xdds 971006 154207 V -> C by
xdds 971006 154230 Enclosure "Action Taken" added by dlevin

***** Problem *****

Please describe the problem you are experiencing below, including what you did, what you expected to happen, and what actually happened:

ATC load was generated. Received all msg report file. The load did not schedule on timeline for uplink. DAS was complete as well "ATC buffer model failed to promote load" Repeated problem.

Stan Washington
7/14/97

***** CMS Solution (Added 970724 by nclaboug) *****

The problem with the buffer's updating was fixed in patch 9. The scheduling of the uplink problem is being handled by David Hyde.

***** Resolution (Added 970730 by dhyde) *****

Needed to add code to unlock the uplink resource prior to scheduling. Also got states over entire interval, not just DAS interval.

***** Verification (Added 970901 by dlevin) *****

OK Load was scheduled (Patch 11)

Stan Washington
8/30/97

***** Action Taken (Added 970915 by lsheckle) *****

This NCR fix was verified by the integration/test team.

lsheckle 9/15/97

***** History *****

xdds 970718 165344 Submitted to FOS_TEST_B by dlevin@puff
xdds 970718 165520 Enclosure "Problem" added by dlevin
xdds 970718 175054 N -> A (Assigned-Eval to chunter) by cwmurphy

Fixing time (hrs): 2
Documentation affected (Y/N)? N
When_fixed:

TESTING INFORMATION:
Assigned test engineer: skomenda

VERIFICATION INFORMATION
Test Status (Pass/Fail)? P
Elapsed test time (hrs): 1
Attachments (Y/N)? N (skomenda@puff)

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***** Problem *****

Please describe the problem you are experiencing below, including what you did, what you expected to happen, and what actually happened:

Analysis Request failed due to:
Cannot find a unique entry in the name server for the I channel parameter server.

Nancy C. Herndon
8/7/97

***** Resolution (Added 970808 by rgriffit) *****

StringMgr was modified so that the Channel 4 parameter server would not be started. The following files were modified.

FrGrReplayServiceRequest.C

***** Action Taken (Added 970923 by dlevin) *****

Closed by NCR Review Board.

Dawn Turner
9/23/97

***** History *****

xddts 970808 130239 Submitted to FOS_TEST_B by dlevin@puff
xddts 970808 131222 Enclosure "Problem" added by dlevin

Resolved by: mcampbel
SLOC: 0
Fixing time (hrs): 1
Documentation affected (Y/N)? N
When_fixed:

TESTING INFORMATION:
Assigned test engineer: skomenda

VERIFICATION INFORMATION
Test Status (Pass/Fail)?: P
Elapsed test time (hrs): 1
Attachments (Y/N)? N (skomenda@puff)

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***** Problem *****

Please describe the problem you are experiencing below, including what you did, what you expected to happen, and what actually happened:

Command control window will not come up. Enter String Id and spacecraft id, hit ok, and the window goes away.

al Hunter

***** resolution (Added 970812 by mcampbel) *****

Unreproducible with p11. Suspect it was due to earlier problem with user roles.

***** Action Taken (Added 970923 by dlevin) *****

Closed by NCR Review Board.

Dawn Turner
9/23/97

***** History *****

xdds 970808 141322 Submitted to FOS_TEST_B by chunter@puff
xdds 970808 141403 Enclosure "Problem" added by chunter
xdds 970808 141408 N -> A (Assigned-Eval to chunter) by chunter
xdds 970808 141414 A -> O by chunter
xdds 970812 121320 O -> R (Resolution = unreproducible) by
xdds 970812 121412 Enclosure "resolution" added by mcampbel

VERIFICATION INFORMATION

Test Status (Pass/Fail)?: P

Elapsed test time (hrs): 1

Attachments (Y/N)? N (chunter@puff)

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***** Problem *****

Please describe the problem you are experiencing below, including what you did, what you expected to happen, and what actually happened:

RTS Commands are not allowed to be executed with 0 ticks (00:00:00).
RTS commands should not have a delay at activation start. Min value needs to be changed to zero see attached error message.

E.J. Rodriguez

7/3/97

***** close reason (Added 970811 by mcampbel) *****

The first rts command cannot be without a delay. This is the CMS intended function. Check with Theresa Brandt/Rob Moore for explanation.

***** Action Taken (Added 970923 by dlevin) *****

Closed by NCR Review Board.

Dawn Turner

9/23/97

***** History *****

xddts 970805 133459 Submitted to FOS_TEST_B by dlevin@puff
xddts 970805 133854 Enclosure "Problem" added by dlevin
xddts 970806 172106 N -> A (Assigned-Eval to chunter) by cwmurphy
xddts 970808 125306 A -> O by chunter
xddts 970811 155729 Enclosure "close reason" added by mcampbel
xddts 970811 155744 O -> R (Resolution = not a bug) by
xddts 970912 085307 R -> V by chunter
xddts 970923 130057 V -> C by
xddts 970923 130115 Enclosure "Action Taken" added by dlevin

***** Problem (Added at 970423 by rjohnson) *****

The submnemonic of the command EPS_SET_ADEA_RATEADJ is specified in pdb006 as being placed in bits 8 - 16. These bits are part of the command's Destination data which contain the Remote Terminal ID, Remote Terminal Subaddress, and the Word Count. Data in this field make the command unrecognizable to ETS MPS. The submnemonic field location appears to be in error. Also, FOS is currently putting positive submnemonic values in bits 8 - 16, but negative submnemonic values are ignored (sent as 0).

Printout of the command log is available. Will impact ECT2!

Originator: Rob Messerly (IV&V) 04/09/97

***** Analysis (Added 970522 by gmoylan) *****

Here's the problem:

The database and our software (which is driven by the database) ALLOWS the first dataword, which includes the Rt ID, Subaddress and Word Count to be overwritten. This fact will undoubtedly make certain commands unrecognizable to the FSW or instruments if they are not properly defined in the database.

The other problem mentioned was also entered in another NCR and had to do with negative decimal submnemonic values being converted to zero. This has been fixed.

The previous programmer was converting submnemonics received from the user to integers using the atoi() function. I've changed this to use the sscanf() function, which converts all submnemonic values to EcTReal. Since this datatype maps to a double float, this should cover the maximum precision needed for submnemonics.

Gina D. Moylan
(301) 925-0648

***** Resolution (Added 970528 by cwmurphy) *****

This functionality in the database software works as designed. It was designed this way at the request of Valley Forge.

Submitter: Elizabeth Murphy
Address: cwmurphy@puff

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Bug ID: ECSed07216 FOS_TEST_B Assigned-Verify 970808
CLOSE defect report Verified 970808
Closed 970814

RESOLUTION INFORMATION

Resolutions[*]: source code
Resolved by: kfregeol
SLOC: 1
Fixing time (hrs): 1
Documentation affected (Y/N)? N
When_fixed: INT_B_P7

CLOSING INFORMATION:

Closing accepted by:

TESTING INFORMATION:

Assigned test engineer: chunter

VERIFICATION INFORMATION

Test Status (Pass/Fail)? P
Elapsed test time (hrs): 1
Attachments (Y/N)? N (chunter@puff)

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***** Problem *****

Please describe the problem you are experiencing below, including what you did, what you expected to happen, and what actually happened:

Commands are not being transmitted beyond the EOC routers because the time to live value is incorrect. A temporary fix has been made to FoIp and the command transmit process relinked.

The permanent fix to FoIp must be made in Patch 7.

***** Resolution (Added 970724 by sfirth) *****

The recommended code modification was made to FoIp in Patch 7. I verified the code change with Ken Fregeolle, who made the change, by checking the FoIpMcastPortallmp::Bind function for the fix in ClearCase. The fix has been made, and we have been running with it for at least a month and 3 patches.

This NCR should be closed as fixed.

SUBMITTER INFORMATION

Submitter: Dawn Levin (Loral)
Address: dlevin@puff

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Bug ID: ECSed08019
CLOSE defect report

FOS_TEST_B

Assigned-Verify 970829

Verified 970919

Closed 970923

RESOLUTION INFORMATION

Resolutions[*]: source code
Resolved by: dhurd
SLOC: 1
Fixing time (hrs): 8
Documentation affected (Y/N)? N
When_fixed:

CLOSING INFORMATION:

Closing accepted by:

TESTING INFORMATION:

Assigned test engineer: skomenda

VERIFICATION INFORMATION

Test Status (Pass/Fail)? P
Elapsed test time (hrs): 1
Attachments (Y/N)? N (lsheckle@puff)

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***** Problem *****

Please describe the problem you are experiencing below, including what you did, what you expected to happen, and what actually happened:

Entered a CMDCFG PLOP = 2 CLTUQTY = 10 prior to uplinking a RTS load. After CDB was to sent to EDOS transmit exited on failure followed by string 100 terminating.

Debra Wake
7/23/97

***** Resolution (Added 970814 by dhurd) *****

The transmit controller transmit function was not properly detecting the end of a load when in PLOP 2. It was modified to correctly detect the end of load and the problem no longer occurs.

Platform ID: sun Analysis time (hrs): 0
Test Site[*]: EDF Est. fix time (hrs): 0
Severity (1=Showstopper)[*]: 1

Related-DR:

SUBMITTER INFORMATION

Submitter: Neil Clabough (LORAL -
Address: nclaboug@puff

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Bug ID: ECSed07320 FOS_TEST_B Assigned-Verify 970716
CLOSE defect report Verified 970716
Closed 970721

RESOLUTION INFORMATION

Resolutions[*]: source code
Resolved by: rmoore
SLOC: 5
Fixing time (hrs): 1
Documentation affected (Y/N)? N
When_fixed:

CLOSING INFORMATION:

Closing accepted by: cwmurphy

TESTING INFORMATION:

Assigned test engineer: chunter

VERIFICATION INFORMATION

Test Status (Pass/Fail)? P
Elapsed test time (hrs): 1
Attachments (Y/N)? N (chunter@puff)

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***** Problem *****

Please describe the problem you are experiencing below, including what you did, what you expected to happen, and what actually happened:

When a command load is being added to the load catalog, the flag for critical commands is not being set correctly.

***** Solution (Added 970716 by nclaboug) *****

Code was added to set the flag in the catalog entry.

SUBMITTER INFORMATION

Submitter: Dawn Levin (Loral)
Address: dlevin@puff

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Bug ID: ECSed08138 FOS_TEST_B Assigned-Verify 970829
CLOSE defect report Verified 970929
Closed 971028

RESOLUTION INFORMATION

Resolutions[*]: source code
Resolved by: kchristoff
SLOC: 1
Fixing time (hrs): 1
Documentation affected (Y/N)? N
When_fixed:

CLOSING INFORMATION:

Closing accepted by:

TESTING INFORMATION:

Assigned test engineer: skomenda

VERIFICATION INFORMATION

Test Status (Pass/Fail)? P
Elapsed test time (hrs): 11
Attachments (Y/N)? N (skomenda@puff)

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***** Problem *****

Please describe the problem you are experiencing below, including what you did, what you expected to happen, and what actually happened:

Procedures that appear to have been previously syntax checked and validated that have been reopened without being re-validated can be read into the CCW script but when executed, executes a different procedure than the one in the script. This can have serious consequences during operations.
Note: See Mike Blazejewski for additional information.

F. Filicky
7/2/97

***** resolution (Added 970822 by mcampbel) *****

This was fixed in P11_E2. Basically a syntax check will be enforced for previously syntax checked files that are read into the ccw.

SUBMITTER INFORMATION

Submitter: Theresa Brandt
Address: tbrandt@puff

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Bug ID: ECSed06941
CLOSE defect report

FOS_TEST_B Assigned-Verify 970711
Verified 970901
Closed 970915

RESOLUTION INFORMATION

Resolutions[*]: unreproducible
Resolved by: wlui
SLOC: 0
Fixing time (hrs): 2
Documentation affected (Y/N)? N
When_fixed:

CLOSING INFORMATION:

Closing accepted by: lsheckle

TESTING INFORMATION:

Assigned test engineer: skomenda

VERIFICATION INFORMATION

Test Status (Pass/Fail)? P
Elapsed test time (hrs): 1
Attachments (Y/N)? N (dlevin@puff)

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***** Problem *****

Please describe the problem you are experiencing below, including what you did, what you expected to happen, and what actually happened:

the LOAD directive will not accept variables for the load name, and possibly the current partition and the total number of partitions. This needs to be fixed in order to schedule loads.

Theresa

***** Resolution (Added 970613 by eammons) *****

Altered FuCIYacc.y code so the LOAD directive can use variables

Test Case ID: Assigned to: dhurd
Build ID: FOS_B Affect Subsystem[*]: CMD
Platform ID: Analysis time (hrs): 1
Test Site[*]: EDF Est. fix time (hrs): 1
Severity (1=Showstopper)[*]: 1

Related-DR:

SUBMITTER INFORMATION

Submitter: Richard Griffith (LORA)
Address: rgriffit@puff

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Bug ID: ECSed07042 FOS_TEST_B Assigned-Verify 970915
CLOSE defect report Verified 970926
Closed 971006

RESOLUTION INFORMATION

Resolutions[*]: source code
Resolved by: dhurd
SLOC: 5
Fixing time (hrs): 1
Documentation affected (Y/N)? N
When_fixed:

CLOSING INFORMATION:

Closing accepted by:

TESTING INFORMATION:

Assigned test engineer: skomenda

VERIFICATION INFORMATION

Test Status (Pass/Fail)? : P
Elapsed test time (hrs): 1
Attachments (Y/N)? N (skomenda@puff)

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***** Problem *****

Please describe the problem you are experiencing below, including what you did, what you expected to happen, and what actually happened:

When doing a failover test, Transmit died when told to go Inactive.

The following debug was received.

SETTING CMD STATE

aState is Inactive
xmitpcb:rec. change state msg
xmit:StoreArchFile: /net/beeper/fosb/dev/AM1/reports/CDB:AM1Ops1997:154:21:35:10.204.log.nrz
Cmd transmit Exiting on failure

entryid:woody:46183:434ns pointer:0x23b618

The version of software is what was in dev on 6/3 at 6:15

The problem happened when File Meta was running and when it was not.

***** Resolution (Added 970606 by dhurd) *****

Transmit use of file meta proxy causing transmit to exit. The use of the file meta proxy has been placed in a try block (in FeCmTransmitController.C). If problems still arise when attempting to failover transmit they probably lie in the file meta proxy, not transmit.

I hate to be the bearer of bad news, but Transmit still dies even with the catch block. Even if it is a problem with the file meta proxy, the catch block you added should prevent Transmit from crashing. Therefore, I have to reopen the INCR. As far as changing the state to fixed goes, I don't think we can change the state to fixed until the fix has been tested. Unless you have your own test environment to test this out, we'll have to wait until the systems group establishes a test environment in the mini-EOC to test this. Sorry for being so particular, but when string processes crash StringMgr tends to get blamed so I try to stay on top of these things.

15SEP97: the fix to NCR8423 also fixed this problem, confirmed by Rich Griffith.

***** Action Taken (Added 971006 by dlevin) *****

Closed by NCR Review Board.

Dawn Turner
10/6/97

***** History *****

xdds 970603 181945 Submitted to FOS_INTEGR_B by rgriffit@puff
xdds 970603 182149 Enclosure "Problem" added by rgriffit
xdds 970604 094013 enclosure "Problem" edited by rgriffit
xdds 970604 094036 N -> A (Assigned-Eval to dhurd) by rgriffit
xdds 970605 095941 A -> O by chunter
xdds 970606 123432 O -> R (Resolution = source code) by
xdds 970606 123730 Enclosure "Resolution" added by dhurd
xdds 970606 162816 enclosure "Resolution" edited by rgriffit
xdds 970606 162830 R -> A (Assigned-Eval to dhurd) by rgriffit
xdds 970606 162838 A -> O by rgriffit
xdds 970708 093812 Fields modified by rbrauns
xdds 970901 105732 Fields modified by jkuntz

VERIFICATION INFORMATION

Test Status (Pass/Fail)? : P

Elapsed test time (hrs): 1

Attachments (Y/N)? Y (wscannel@puff)

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***** Problem *****

Please describe the problem you are experiencing below, including what you did, what you expected to happen, and what actually happened:

FoXd is not prepared to handle exception thrown by new stream implementation when attempting to open a file.

***** Resolution (Added 971113 by dgrimes) *****

This problem occurred only when FoXd implemented the estream format, which it no longer does. This version is not in any of the drops.

***** Verification (Added 971125 by wscannel) *****

This problem occurred only when FoXd implemented the estream format, which it no longer does. This version is not in any of the drops. Therefore, FoXd will not crash when attempting to open a file.

Rick Scannell

11/25/97

Drop 2.0.4

***** Action Taken (Added 971201 by bseaman) *****

Closed by NCR Review Board

12/1/97

***** History *****

xdds 971021 101318 Submitted to FOS_POST_RRR by dgrimes@puff

xdds 971021 101658 Enclosure "Problem" added by dgrimes

xdds 971029 111424 N -> A (Assigned-Eval to scottc) by dlevin

TESTING INFORMATION:

Assigned test engineer: skomenda

VERIFICATION INFORMATION

Test Status (Pass/Fail)? : P

Elapsed test time (hrs): 1

Attachments (Y/N)? N (skomenda@puff)

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***** Problem *****

Please describe the problem you are experiencing below, including what you did, what you expected to happen, and what actually happened:

The CMDCFG directive is not recognized by the system. The problem probably lies in the FUI parser.

Also, FOP and Transmit need to put out event messages when they receive a CMDCFG message changing CTIU (FOP) or bitrate (Transmit)

***** Resolution (Added 970721 by yadeleka) *****

Added the directive to the FuCIYacc.y

***** Action Taken (Added 970923 by dlevin) *****

Closed by NCR Review Board.

Dawn Turner

9/23/97

***** History *****

xdds 970625 093321 Submitted to FOS_TEST_B by dhurd@puff
xdds 970625 093359 Enclosure "Problem" added by dhurd
xdds 970625 120810 enclosure "Problem" edited by dhurd
xdds 970625 142211 N -> A (Assigned-Eval to chunter) by cwmurphy
xdds 970625 142226 A -> O by cwmurphy
xdds 970708 093020 Fields modified by rbrauns
xdds 970721 131913 Enclosure "Resolution" added by yadeleka
xdds 970721 150757 O -> R (Resolution = source code) by
xdds 970808 142004 R -> T by
xdds 970919 131902 T -> T by
xdds 970919 131912 T -> V by skomenda
xdds 970919 131940 V -> V by skomenda

Test Status (Pass/Fail)? : P
Elapsed test time (hrs): 1
Attachments (Y/N)? N (skomenda@puff)

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***** Problem *****

Please describe the problem you are experiencing below, including what you did, what you expected to happen, and what actually happened:

The word offset for table load's load initiate command is wrong.

***** Resolution (Added 970630 by rmoore) *****

Added functionality to the FmLdTableLoad object to compute the start address from the table definition and first entry in load.

***** Action Taken (Added 971006 by dlevin) *****

Closed by NCR Review Board.

Dawn Turner
10/6/97

***** History *****

xdds 970625 113708 Submitted to FOS_TEST_B by nclaboug@puff
xdds 970625 113738 Enclosure "Problem" added by nclaboug
xdds 970625 142134 N -> A (Assigned-Eval to chunter) by cwmurphy
xdds 970625 142147 A -> O by cwmurphy
xdds 970630 125033 Enclosure "Resolution" added by rmoore
xdds 970721 140602 O -> R (Resolution = source code) by
xdds 970808 141945 R -> T by
xdds 970926 120301 T -> V by skomenda
xdds 971006 154812 V -> C by
xdds 971006 154835 Enclosure "Action Taken" added by dlevin

what you did, what you expected to happen, and what actually happened:

When FOP received its first real CLCW from ETS it exited, claiming there was an "SDU type error in the ESH header". Upon examination of the EDOS ICD and the CLCWs received it is apparent that FOP's understanding of what a CLCW should look like is incorrect.

***** Resolution (Added 970619 by dhurd) *****

FcCmFopServer.C modified to mask out the high 4 bits of the first byte of the ESH which contains a sequence counter before verifying that the SDU type, in the lower 4 bits, is equal to 2, denoting a CLCW. It previously expected the whole byte to be equal to 2, with none of the upper four bits set.

***** Verification (Added 970901 by dlevin) *****

OK Verified during AT (Patch 11)

Debra Wake
8/30/97

***** Action Taken (Added 970915 by lsheckle) *****

This NCR was verified by the integration/test team.

lsheckle 9/15/97

***** History *****

xddts 970619 073828 Submitted to FOS_TEST_B by dhurd@puff
xddts 970619 074054 Enclosure "Problem" added by dhurd
xddts 970619 111400 N -> A (Assigned-Eval to chunter) by mblazeje
xddts 970619 111406 A -> A (Assigned-Eval to chunter) by mblazeje
xddts 970619 111429 A -> O by mblazeje
xddts 970619 132618 O -> R (Resolution = source code) by
xddts 970619 132839 Enclosure "Resolution" added by dhurd
xddts 970711 144729 R -> T by
xddts 970728 142326 Fields modified by rbrauns
xddts 970901 180233 T -> V by dlevin
xddts 970901 180303 Enclosure "Verification" added by dlevin
xddts 970915 140515 V -> C by lsheckle
xddts 970915 140621 Enclosure "Action Taken" added by lsheckle

Platform ID: Analysis time (hrs): 1
Test Site[*]: EDF Est. fix time (hrs): 1
Severity (1=Showstopper)[*]: 1

Related-DR:

SUBMITTER INFORMATION

Submitter: Donald Hurd
Address: dhurd@puff

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Bug ID: ECSed07019 FOS_TEST_B Assigned-Verify 970711
CLOSE defect report Verified 970919
Closed 970923

RESOLUTION INFORMATION

Resolutions[*]: source code
Resolved by: dhurd
SLOC: 1
Fixing time (hrs): 1
Documentation affected (Y/N)? N
When_fixed:

CLOSING INFORMATION:

Closing accepted by:

TESTING INFORMATION:

Assigned test engineer: skomenda

VERIFICATION INFORMATION

Test Status (Pass/Fail)? P
Elapsed test time (hrs): 1
Attachments (Y/N)? N (skomenda@puff)

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***** Problem *****

Please describe the problem you are experiencing below, including what you did, what you expected to happen, and what actually happened:

Fop FcCmTcFrmFormat.C was calling memcpy with a null data pointer, it has been modified to check for a null pointer before calling memcpy.

***** resolution (Added 970604 by dhurd) *****

FcCmTcFrmFormat.C modified to check for a null data pointer before calling memcpy function.

SUBMITTER INFORMATION

Submitter: Donald Hurd
Address: dhurd@puff

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Bug ID: ECSed06299 FOS_TEST_B Assigned-Verify 970711
CLOSE defect report Verified 970919
Closed 970923

RESOLUTION INFORMATION

Resolutions[*]: source code
Resolved by: dhurd
SLOC: 3
Fixing time (hrs): 2
Documentation affected (Y/N)? N
When_fixed:

CLOSING INFORMATION:

Closing accepted by:

TESTING INFORMATION:

Assigned test engineer: skomenda

VERIFICATION INFORMATION

Test Status (Pass/Fail)? : P
Elapsed test time (hrs): 1
Attachments (Y/N)? N (skomenda@puff)

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***** Problem *****

Please describe the problem you are experiencing below, including what you did, what you expected to happen, and what actually happened:

When the FOP process builds type BC commands to set the spacecraft next expected frame sequence number or unlock the FARM on the spacecraft, it builds them with the frame length set to the actual number of bytes in the frame instead of the number of bytes minus one, as required by CCSDS protocol.

***** Resolution (Added 970428 by dhurd) *****

Source code in the FOP process was modified to properly build BC commands with the frame length correct in the frame header.FcCmTcFrame.C was modified.

***** Action Taken (Added 970923 by dlevin) *****

Submitter: Dawn Levin (Loral)
Address: dlevin@puff

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Bug ID: ECSed08035 FOS_TEST_B Assigned-Verify 970808
CLOSE defect report Verified 970901
Closed 970915

RESOLUTION INFORMATION

Resolutions[*]: source code
Resolved by: nclaboug
SLOC: 1
Fixing time (hrs): 8
Documentation affected (Y/N)? N
When_fixed:

CLOSING INFORMATION:

Closing accepted by: lsheckle

TESTING INFORMATION:

Assigned test engineer: skomenda

VERIFICATION INFORMATION

Test Status (Pass/Fail)? P
Elapsed test time (hrs): 1
Attachments (Y/N)? N (dlevin@puff)

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***** Problem *****

Please describe the problem you are experiencing below, including what you did, what you expected to happen, and what actually happened:

An activity with constraints was scheduled using the general scheduler. Once a DAS was completed with constraints, the process hung the system up. Attempted to display any constraints noted. The constraint job remained in a processing state and remained, even after terminating (kill) the 4 process on the attachment. The job remained and the data server must be re-initialized to continue.

Luveta Tate
7/28/97

***** Analysis (Added 970801 by dhyde) *****

I was able to repeat the problem in Patch 10 - stable. The Schedule Controller is core dumping, leaving PAS waiting for a completion status.

- David

StringId: 0

event string= [152]1997/213 14:01:58.201 AM1 FOS PAS yogi 0 user dhyde, Load Queuer sent job type Constraint Check with ID 199721302 to the Schedule Controller

StringId: 0

event string= [140]1997/213 14:02:24.406 AM1 FOS CMS yogi 0 Ground Schedule processing constraint check list request starting 1900:001:00:00:00.000

StringId: 0

event string= [113]1997/213 14:02:25.576 AM1 FOS CMS yogi 0 FmScAM1ScheduleController terminating with critical failure.

***** Solution (Added 970804 by nclaboug) *****

The constraint checker was crashing before it could send a reply to the schedule controller. As a result, everything remained in the processing state until the data server was restarted.

The constraint checker was destroying the constraint rules after each check. Because only one copy of the rule existed, the next time a directive tried to use a rule used by a previous directive, the process crashed. The code was changed to clear the constraint list, not destroy it.

***** Verification (Added 970901 by dlevin) *****

Verified/Completed AT

Luvetta Tate

8/29/97

***** Action Taken (Added 970915 by lsheckle) *****

This NCR fix was verified by the integration/test team.

lsheckle 9/15/97

***** History *****

xdds 970730 105634 Submitted to FOS_TEST_B by dlevin@puff

xdds 970730 110025 Enclosure "Problem" added by dlevin

xdds 970730 110853 Fields modified by dlevin

xdds 970730 123753 N -> A (Assigned-Eval to dhyde) by cwmurphy

xdds 970730 135856 A -> O by dhyde

TESTING INFORMATION:

Assigned test engineer: tcollins

VERIFICATION INFORMATION

Test Status (Pass/Fail)? : P

Elapsed test time (hrs): 0

Attachments (Y/N)? N (dhyde@puff)

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***** Problem *****

Please describe the problem you are experiencing below, including what you did, what you expected to happen, and what actually happened:

Upon starting the user station the contact scheduler window will not initialize. No error is indicated as the startup script is executed. Using the ST_CS script an error occurred. Run-Time exception error; current exception. FoIPCommExcept no handler for exception.

Ext Msg Contact Scheduler was terminated by signal b. (Repeated)

Stan Washington

7/29/97

***** Resolution (Added 970730 by dhyde) *****

Analysis revealed that release A software was running prior to the test and was never shutdown properly. contact scheduler has been running fine since relA software shutdown.

***** Verification (Added 970807 by tcollins) *****

Remember, the Fos Name Server and the NCC Test driver MUST be running before the Contact scheduler will run.

***** Action Taken (Added 970814 by dlevin) *****

Closed by NCR Review Board.

***** History *****

Documentation affected (Y/N)? N
When_fixed: 2.0.2

TESTING INFORMATION:
Assigned test engineer: skomenda

VERIFICATION INFORMATION
Test Status (Pass/Fail)? : P
Elapsed test time (hrs): 1
Attachments (Y/N)? N (scottc@puff)

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***** Problem *****

Please describe the problem you are experiencing below, including what you did, what you expected to happen, and what actually happened:

Failed to save a scheduled activity to the EOC Timeline or save the Mask Plan to the database. A DAS was generated but not updated on the Timeline
No img or upl or report file created.

Luvetta Tate
8/31/97

***** Resolution (Added 970908 by towen) *****

Unable to reproduce problem. Suspect a configuration error and/or corrupt data in database.

***** Verification (Added 970930 by scottc) *****

Configuration errors resolved, able to save activity.

***** Action Taken (Added 971006 by dlevin) *****

Closed by NCR Review Board.

Dawn Turner
10/6/97

***** History *****

SLOC: 10
Fixing time (hrs): 0.5
Documentation affected (Y/N)? N
When_fixed:

TESTING INFORMATION:
Assigned test engineer: skomenda

VERIFICATION INFORMATION
Test Status (Pass/Fail)? P
Elapsed test time (hrs): 1
Attachments (Y/N)? N (lsheckle@puff)

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***** Problem *****

Please describe the problem you are experiencing below, including what you did, what you expected to happen, and what actually happened:

During the processing of a delete for a RTS load, the load catalog sends and waits for a reponse from the spacecraft model. The request to the spacecraft model is to perform a delete.

***** Analysis (Added 970702 by nclaboug) *****

The load catalog sends a request to the spacecraft model to delete a RTS buffer. The proxy that sends the message to the spacecraft model is waiting for a response from the model. The model receives and processes the request without sending a response to the load catalog. As a result, the load catalog will hang indefinitely.

***** Solution (Added 970702 by nclaboug) *****

Remove from the proxy the code that waits for a response from the spacecraft model. It is not necessary to receive a status from the spacecraft model regarding the deletion of the RTS buffer. It can be assumed that the deletion was successful.

***** Verification (Added 970829 by lsheckle) *****

Fix verified during AT.

Deborah Wake 8/26/97

SUBMITTER INFORMATION

Submitter: dhyde
Address: dhyde@puff

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Bug ID: ECSed08593 FOS_TEST_B Assigned-Verify 970829
CLOSE defect report Verified 970919
Closed 970923

RESOLUTION INFORMATION

Resolutions[*]: source code
Resolved by: dhyde
SLOC: 0
Fixing time (hrs): 1
Documentation affected (Y/N)? N
When_fixed:

CLOSING INFORMATION:

Closing accepted by:

TESTING INFORMATION:

Assigned test engineer: skomenda

VERIFICATION INFORMATION

Test Status (Pass/Fail)? : P
Elapsed test time (hrs): 1
Attachments (Y/N)? N (skomenda@puff)

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***** Problem *****

Please describe the problem you are experiencing below, including what you did, what you expected to happen, and what actually happened:

The Load Queuer core dumps when it tries to send a das request to CMS

***** Analysis (Added 970827 by dhyde) *****

Ran purify, there is an uninitialized pointer to the proxy in FpLqRWApl.cc

***** Resolution (Added 970827 by dhyde) *****

Set all pointers to NULL in constructors

Bug ID: ECSed06596
CLOSE defect report

FOS_TEST_B

Assigned-Verify 970710

Verified 970710

Closed 970715

RESOLUTION INFORMATION

CLOSING INFORMATION:

Resolutions[*]: source code

Closing accepted by: cwmurphy

Resolved by: eammons

SLOC: 0

Fixing time (hrs): 1

Documentation affected (Y/N)? N

When_fixed:

TESTING INFORMATION:

Assigned test engineer: skomenda

VERIFICATION INFORMATION

Test Status (Pass/Fail)? P

Elapsed test time (hrs): 1

Attachments (Y/N)? N (tjohnson@puff)

***** Problem *****

Please describe the problem you are experiencing below, including what you did, what you expected to happen, and what actually happened:

When an ECL directive is entered to turn limits off, an RMS event is generated saying 'String 0 not found.' I was connected to string 100 as mirrored and I had Ground Control Authority.

This INCR was originally assigned to Rich Griffith, but the problem is that the incorrect String ID is being passed to StringMgr from FUI. Apparently a new ECL directive is being created that will set the StringID before a Reconfig directive is typed in. This wasn't yet available in the patch that the test team was testing.

***** Problem Update (Added 970609 by tjohnson) *****

The String Manager generates an event which says "No Telemetry available for string 100." even though the Decom processes are running for string 100. This INCR has to remain open until the interface between the parser and the String Manager is resolved.

***** Resolution (Added 970627 by tjohnson) *****

The directives are now getting through the String Mgr to the Decom processes on the string, as well as being broadcast to the User Stations connected to the string as mirrored.

***** Verification (Added 970710 by tjohnson) *****

This problem is working as of patch 7.

***** Action Taken (Added 970715 by cramsey) *****

This fix was verified by the integration team.

***** History *****

xdds 970511 150345 Submitted to FOS_INTEGR_B by tjohnson@puff
xdds 970511 150451 Enclosure "Problem" added by tjohnson
xdds 970511 150459 N -> A (Assigned-Eval to rgriffit) by tjohnson
xdds 970512 163649 A -> A (Assigned-Eval to eammons) by rgriffit
xdds 970512 163949 enclosure "Problem" edited by rgriffit
xdds 970528 172637 A -> O by jkuntz
xdds 970528 172710 O -> R (Resolution = source code) by
xdds 970609 163543 R -> A (Assigned-Eval to eammons) by tjohnson
xdds 970609 163547 A -> O by tjohnson
xdds 970609 163746 Enclosure "Problem Update" added by tjohnson
xdds 970627 083848 O -> R (Resolution = source code) by
xdds 970627 083853 R -> T by
xdds 970627 083936 Enclosure "Resolution" added by tjohnson
xdds 970710 155512 T -> T by
xdds 970710 160317 T -> V by tjohnson
xdds 970710 160338 Enclosure "Verification" added by tjohnson
xdds 970715 122129 V -> C by cwmurphy
xdds 970715 122144 Enclosure "Action Taken" added by cramsey

CLOSE defect report

Assigned-Eval: 970728
Assigned-Fix: 970728
3 enclosures

"transmit crashes in plop 2 with load"

DETECTION INFORMATION

ANALYSIS INFORMATION

Detection method[*]: Planned Test Evaluate engineer: chunter
Detected in phase[*]: System I&T B
Test Case ID: Assigned to: dhurd
Build ID: B2 Affect Subsystem[*]: CMD
Platform ID: Analysis time (hrs): 1
Test Site[*]: EDF Est. fix time (hrs): 1
Severity (1=Showstopper)[*]: 1

Related-DR:

SUBMITTER INFORMATION

Submitter: Donald Hurd
Address: dhurd@puff

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Bug ID: ECSed07957 FOS_TEST_B Assigned-Verify 970915
CLOSE defect report Verified 970926
Closed 971006

RESOLUTION INFORMATION

CLOSING INFORMATION:

Resolutions[*]: source code Closing accepted by:
Resolved by: dhurd
SLOC: 2
Fixing time (hrs): 8
Documentation affected (Y/N)? N
When_fixed: 072697

TESTING INFORMATION:

Assigned test engineer: skomenda

VERIFICATION INFORMATION

Test Status (Pass/Fail)? P
Elapsed test time (hrs): 1
Attachments (Y/N)? N (skomenda@puff)

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***** Problem *****

Please describe the problem you are experiencing below, including what you did, what you expected to happen, and what actually happened:

Detected in phase[*]: System I&T B
Test Case ID: CMS Assigned to: chunter
Build ID: P7 Affect Subsystem[*]: FUI
Platform ID: SUN Analysis time (hrs): 1
Test Site[*]: EOC Est. fix time (hrs): 1
Severity (1=Showstopper)[*]: 1

Related-DR:

SUBMITTER INFORMATION
Submitter: Dawn Levin (Loral)
Address: dlevin@puff

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Bug ID: ECSed07763 FOS_TEST_B Assigned-Verify 970718
CLOSE defect report Verified 970718
Closed 970721

RESOLUTION INFORMATION CLOSING INFORMATION:
Resolutions[*]: unreproducible Closing accepted by: cwmurphy
Resolved by: chunter
SLOC: 0
Fixing time (hrs): 1
Documentation affected (Y/N)? N
When_fixed:

TESTING INFORMATION:
Assigned test engineer: chunter

VERIFICATION INFORMATION
Test Status (Pass/Fail)? P
Elapsed test time (hrs): 1
Attachments (Y/N)? N (chunter@puff)

Page 2/2

***** Problem *****

Please describe the problem you are experiencing below, including what you did, what you expected to happen, and what actually happened:

Attempted to initiate the RTS Buffer Display Tool the SCID option button does not display AM1 so the user cannot select a spacecraft id. If user attempts to do so and click ok the tool crashes. (attachments in NCR book NCR #07763)

Debra Wake
7/8/97

Severity (1=Showstopper)[*]: 1

Related-DR:

SUBMITTER INFORMATION
Submitter: Dawn Levin (Loral)
Address: dlevin@puff

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Bug ID: ECSed07969 FOS_TEST_B Assigned-Verify 970901
CLOSE defect report Verified 970915
Closed 970915

RESOLUTION INFORMATION CLOSING INFORMATION:
Resolutions[*]: unreproducible Closing accepted by: lsheckle
Resolved by: nclaboug
SLOC: 0
Fixing time (hrs): 1
Documentation affected (Y/N)? N
When_fixed:

TESTING INFORMATION:
Assigned test engineer: skomenda

VERIFICATION INFORMATION
Test Status (Pass/Fail)? : P
Elapsed test time (hrs): 1
Attachments (Y/N)? N (lsheckle@puff)

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***** Problem *****

Please describe the problem you are experiencing below, including what you did, what you expected to happen, and what actually happened:

After making a change to a successful DAS, I submitted a late change at the point of the modification and received a failed result. Constraint violation states the request is not within a valid DAS period. *The previous end DAS line shifts to the start time of failed late change request.

Stan Washington
7/22/97

***** Solution (Added 970819 by nclaboug) *****

DETECTION INFORMATION

Detection method[*]: Unplanned Test
Detected in phase[*]: Integration
Test Case ID:
Build ID: p8
Platform ID: sun
Test Site[*]: EDF
Severity (1=Showstopper)[*]: 1

ANALYSIS INFORMATION

Evaluate engineer: chunter
Assigned to: rmoore
Affect Subsystem[*]: CMD
Analysis time (hrs): 1
Est. fix time (hrs): 1

Related-DR:

SUBMITTER INFORMATION

Submitter: Neil Clabough (LORAL -
Address: nclaboug@puff

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Bug ID: ECSed07572
CLOSE defect report

FOS_TEST_B

Assigned-Verify 970716

Verified 970716

Closed 970721

RESOLUTION INFORMATION

Resolutions[*]: source code
Resolved by: rmoore
SLOC: 20
Fixing time (hrs): 1
Documentation affected (Y/N)? N
When_fixed:

CLOSING INFORMATION:

Closing accepted by: cwmurphy

TESTING INFORMATION:

Assigned test engineer: chunter

VERIFICATION INFORMATION

Test Status (Pass/Fail)? : P
Elapsed test time (hrs): 1
Attachments (Y/N)? N (chunter@puff)

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***** Problem *****

Please describe the problem you are experiencing below, including what you did, what you expected to happen, and what actually happened:

All uplink activities need to be flagged to indicate which load is being uplinked. The Ground Schedule needs this information to update the load catalog with scheduled uplink information.

Rob has already fixed this. So please assign to Rob.

***** Resolution (Added 970715 by rmoore) *****

Created new FoEc class FoEcUplinkComment which contains a load name.

Changed FmAeActivityExpansion to add a FoEcUplinkComment if it sees an uplink activity and no uplink commands within the uplink activity.

Modified FmGsGroundSchedule to recognize the uplink comment and use the load name during DAS deletes.

***** Verification (Added 970716 by chunter) *****

Software change, impossible for the test team to test. Moving to V state on Robs resolution enclosure.

Al Hunter

7/16

***** Action Taken (Added 970721 by rbrauns) *****

This fix was verified by the FOS integration/test team.

***** History *****

xdds 970709 081251 Submitted to FOS_TEST_B by nclaboug@puff
xdds 970709 081420 Enclosure "Problem" added by nclaboug
xdds 970709 113010 N -> A (Assigned-Eval to chunter) by cwmurphy
xdds 970709 113022 A -> O by cwmurphy
xdds 970715 185620 Enclosure "Resolution" added by rmoore
xdds 970716 072506 O -> R (Resolution = source code) by
xdds 970716 073548 R -> T by
xdds 970716 073553 T -> V by chunter
xdds 970716 074023 Enclosure "Verification" added by chunter
xdds 970721 103639 V -> C by cwmurphy
xdds 970721 103656 Enclosure "Action Taken" added by rbrauns

***** Problem *****

Please describe the problem you are experiencing below, including what you did, what you expected to happen, and what actually happened:

Was unable to continue commanding from the ground script controller on the following instances: (after each instance, deleted the string and reconnected to continue testing)

1) Load had an invalid uplink time. Message printed to event display and then Command Control window would not execute any other commands. No binary was sent out from the command subsystem.

2) Uplinked a critical ATC load. Commands appeared to go but never received CV pass and was unable to command after. In the status window of the command control window for the LOAD command, status was Sent to FOP.

3) Same as #2 except with non-critical ATC load.

Was unable to uplink RTS, Table, and MP loads with out a problem and keep on commanding.

Al Hunter
6/23/97

***** Action Taken (Added 971006 by dlevin) *****
Closed by NCR Review Board.

Dawn Turner
10/6/97

***** History *****

xdds 970723 112515 Submitted to FOS_TEST_B by chunter@puff
xdds 970723 113519 Enclosure "Problem" added by chunter
xdds 970723 113553 N -> A (Assigned-Eval to chunter) by chunter
xdds 970723 113621 A -> O by chunter
xdds 970723 142702 O -> R (Resolution = unreproducible) by
xdds 970723 142711 R -> T by
xdds 970928 134405 Fields modified by skomenda
xdds 970929 130918 T -> V by skomenda
xdds 970929 130939 Fields modified by skomenda
xdds 970929 131040 Fields modified by skomenda
xdds 971006 155304 V -> C by
xdds 971006 155335 Enclosure "Action Taken" added by dlevin

***** Problem *****

Please describe the problem you are experiencing below, including what you did, what you expected to happen, and what actually happened:

String 101 (real time/test) was created, connected to and ground control and command authority taken. "sc AM1 101 Test" was entered on the Real Time Server. When I brought up the command control window, the window title indicated "being initialized" (see attachment on hardcopy of this NCR) There were no default settings for Mode, PSC, CV, and TV, and selecting options from the config pull down menu had no effect. (Attachment in NCR book).

John Rubenacker
7/1/97

***** resolution (Added 970721 by wliu) *****

resolution:

The problem has been fixed.

Any more questions related to this contact Win Liu at x0678

***** Verification (Added 970804 by lsheckle) *****

Verified command control window comes up for Real Time/Test logical String. Patch 9

jrubenack (8/4/97)

***** Action Taken (Added 970814 by dlevin) *****

Closed by NCR Review Board.

***** History *****

xdds 970703 154614 Submitted to FOS_TEST_B by dlevin@puff
xdds 970703 155112 Enclosure "Problem" added by dlevin
xdds 970703 155116 Fields modified by dlevin
xdds 970703 155319 Fields modified by dlevin
xdds 970708 171216 N -> A (Assigned-Eval to chunter) by cwmurphy
xdds 970711 100658 A -> O by cwmurphy
xdds 970721 151751 Enclosure "resolution" added by wliu
xdds 970721 152156 O -> R (Resolution = source code) by

VERIFICATION INFORMATION

Test Status (Pass/Fail)? P

Elapsed test time (hrs): 1

Attachments (Y/N)? N (skomenda@puff)

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***** Problem *****

Please describe the problem you are experiencing below, including what you did, what you expected to happen, and what actually happened:

Spacecraft Model crashes when processing a manual uplink notification for a table load.

***** Solution (Added 970814 by nclaboug) *****

During the building of the table load, the load catalog does not close the buffer file before sending it to DMS. As a result an empty file is created. When the spacecraft model attempts to recreate a rogue wave collection from the file, a null pointer is returned for the collection. As a result, when the spacecraft model attempts to use the collection it crashes.

Fix 1:

The code for the load catalog was changed so that the file is closed before it is sent to file meta.

Fix 2:

After the collection is read, it is checked for a Null pointer.

***** Action Taken (Added 970923 by dlevin) *****

Closed by NCR Review Board.

Dawn Turner

9/23/97

***** History *****

xdds 970814 131415 Submitted to FOS_TEST_B by nclaboug@puff
xdds 970814 131451 Enclosure "Problem" added by nclaboug
xdds 970814 131842 Enclosure "Solution" added by nclaboug
xdds 970814 132117 N -> A (Assigned-Eval to chunter) by cwmurphy

VERIFICATION INFORMATION

Test Status (Pass/Fail)? : P
Elapsed test time (hrs): 1
Attachments (Y/N)? N (dlevin@puff)

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***** Problem *****

Please describe the problem you are experiencing below, including what you did, what you expected to happen, and what actually happened:

While trying to uplink loads I encountered various memory errors using purify. Correctly deleted entire buffer in FcGnFopDataMsg::~~FcGnFopDataMsg and copied the buffer in FcCdLoadCmd::SendPacket to correct these errors.

***** Verification (Added 970901 by dlevin) *****

Did not see any errors during AT of CMD2050 uplink loads.

Debra Wake
8/28/97

***** Action Taken (Added 970915 by lsheckle) *****

This NCR fix was verified by the integration/test team.

lsheckle 9/15/97

***** History *****

xdds 970610 174214 Submitted to FOS_INTEGR_B by gmoylan@puff
xdds 970610 174509 Enclosure "Problem" added by gmoylan
xdds 970610 174516 N -> A (Assigned-Eval to gmoylan) by gmoylan
xdds 970610 174533 A -> O by gmoylan
xdds 970610 174557 O -> R (Resolution = source code) by
xdds 970711 144756 R -> R (Resolution = source code) by
xdds 970711 144803 R -> T by
xdds 970728 142723 Fields modified by rbrauns
xdds 970901 180543 T -> V by dlevin
xdds 970901 180620 Enclosure "Verification" added by dlevin
xdds 970915 140057 V -> C by lsheckle

xddts 970915 140122 Enclosure "Action Taken" added by lsheckle

Bug ID: ECSed07177 FOS_TEST_B Submitted: 970616
CLOSE defect report Assigned-Eval: 970616
Assigned-Fix: 970708
Software: procs 2 enclosures

"Procedure Builder Tool core dumps when validating existing procedures"

DETECTION INFORMATION ANALYSIS INFORMATION
Detection method[*]: Unplanned Test Evaluate engineer: kfregeol
Detected in phase[*]: Integration
Test Case ID: Assigned to: mblazeje
Build ID: Affect Subsystem[*]: FUI
Platform ID: Analysis time (hrs): 0.1
Test Site[*]: EDF Est. fix time (hrs): 0.1
Severity (1=Showstopper)[*]: 1

Related-DR:

SUBMITTER INFORMATION
Submitter: Mike Blazejewski (LORA)
Address: mblazeje@puff

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Bug ID: ECSed07177 FOS_TEST_B Assigned-Verify 970708
CLOSE defect report Verified 970708
Closed 970715

RESOLUTION INFORMATION CLOSING INFORMATION:
Resolutions[*]: unreproducible Closing accepted by: cwmurphy
Resolved by: mblazeje
SLOC: 0
Fixing time (hrs): 0.1
Documentation affected (Y/N)? N
When_fixed:

TESTING INFORMATION:
Assigned test engineer: mblazeje

VERIFICATION INFORMATION
Test Status (Pass/Fail)?: P

Platform ID: Analysis time (hrs): 2
Test Site[*]: EDF Est. fix time (hrs): 10
Severity (1=Showstopper)[*]: 1

Related-DR:

SUBMITTER INFORMATION

Submitter: Cornelius Ramsey (LORA)
Address: cramsey@puff

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Bug ID: ECSed07102 FOS_TEST_B Assigned-Verify 970806
CLOSE defect report Verified 970919
Closed 970923

RESOLUTION INFORMATION

Resolutions[*]: source code
Resolved by: mcampbel
SLOC: 10
Fixing time (hrs): 1
Documentation affected (Y/N)? N
When_fixed:

CLOSING INFORMATION:

Closing accepted by:

TESTING INFORMATION:

Assigned test engineer: skomenda

VERIFICATION INFORMATION

Test Status (Pass/Fail)? : P
Elapsed test time (hrs): 1
Attachments (Y/N)? N (skomenda@puff)

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***** Problem *****

Please describe the problem you are experiencing below, including what you did, what you expected to happen, and what actually happened:

When the report generator tool is clicked on from the tools menu, the following message is generated:

New page is added to myIdAndPageConfig
Assertion failed = (cs!=0) !=0, file cstring.cpp, line 704

Problem was found in "Stable".

Test Case ID: FUI-2030B Assigned to: alui
Build ID: Rel B/Patch 5 emg2 Affect Subsystem[*]: TLM
Platform ID: SUN W/S Analysis time (hrs): 2
Test Site[*]: EOC Est. fix time (hrs): 2
Severity (1=Showstopper)[*]: 1

Related-DR:

SUBMITTER INFORMATION
Submitter: Dawn Levin (Loral)
Address: dlevin@puff

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Bug ID: ECSed07632 FOS_TEST_B Assigned-Verify 970711
CLOSE defect report Verified 970711
Closed 970715

RESOLUTION INFORMATION CLOSING INFORMATION:
Resolutions[*]: source code Closing accepted by: cwmurphy
Resolved by: alui
SLOC: 2
Fixing time (hrs): 2
Documentation affected (Y/N)? N
When_fixed:

TESTING INFORMATION:
Assigned test engineer: mblazeje

VERIFICATION INFORMATION
Test Status (Pass/Fail)? : P
Elapsed test time (hrs): 1
Attachments (Y/N)? N (mblazeje@puff)

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***** Problem *****

Please describe the problem you are experiencing below, including what you did, what you expected to happen, and what actually happened:

When filtering on the "AM1_FS1" parameter in the "Display Item Parameter Selector" (by pressing the box next to the "AM1_FS1" item) this action seems to make the Display Builder S/W to crash.

Linford Marr
6/19/97

DETECTION INFORMATION

Detection method[*]: Planned Test
Detected in phase[*]: M&O Exercise
Test Case ID: ECT-1
Build ID:
Platform ID:
Test Site[*]: EOC
Severity (1=Showstopper)[*]: 1

ANALYSIS INFORMATION

Evaluate engineer: scottc
Assigned to: rbroome
Affect Subsystem[*]: FUI
Analysis time (hrs): 1
Est. fix time (hrs): 1

Related-DR:

SUBMITTER INFORMATION

Submitter: John Clark
Address: jclark@puff

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Bug ID: ECSed05241
CLOSE defect report

FOS_TEST_B

Assigned-Verify 970609

Verified 970709

Closed 970709

RESOLUTION INFORMATION

Resolutions[*]: unreproducible
Resolved by: cwmurphy
SLOC: 0
Fixing time (hrs): 1
Documentation affected (Y/N)? N
When_fixed:

CLOSING INFORMATION:

Closing accepted by: cwmurphy

TESTING INFORMATION:

Assigned test engineer: skomenda

VERIFICATION INFORMATION

Test Status (Pass/Fail)? : P
Elapsed test time (hrs): 0
Attachments (Y/N)? N (lsheckle@puff)

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***** Problem *****

Please describe the problem you are experiencing below, including what you did, what you expected to happen, and what actually happened:

While bringing up a work station, 5 of the 6 planning and scheduling windows came up successfully. The load manager window did not come up. Instead, the following error occurred(also see attached)

"FuPxRmsCB handle recieve() respond

SUBMITTER INFORMATION

Submitter: John Clark
Address: jclark@puff

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Bug ID: ECSed05240
CLOSE defect report

FOS_TEST_B Assigned-Verify 970520
Verified 970709
Closed 970714

RESOLUTION INFORMATION

Resolutions[*]: source code
Resolved by: Rich Griffith
SLOC: 0
Fixing time (hrs): 0
Documentation affected (Y/N)? N
When_fixed:

CLOSING INFORMATION:

Closing accepted by: cwmurphy

TESTING INFORMATION:

Assigned test engineer: lmarr

VERIFICATION INFORMATION

Test Status (Pass/Fail)? P
Elapsed test time (hrs): 0.5
Attachments (Y/N)? N (scottc@puff)

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***** Problem *****

Please describe the problem you are experiencing below, including what you did, what you expected to happen, and what actually happened:

User station won't connect to string 100 event message scroll with "still searching for endpoint..."
Realtime server displays attached message

Ken McKenzie 1/3/97

***** Analysis *****

Please describe your analysis to this problem:

***** Resolution *****

This is normal for RMS to generate this event. What is happening is RMS will spawn two parameter servers and two decom processes. While it is waiting for the processes to register with the NameServer, it will generate the event. Included in the event, is the type of endpoint that is being searched for. If this occurs for an extremely long time, it probably means that either the decom or parameter servers are crashing. This is not an RMS problem. If this is the case, RMS will eventually time out and will generate an event indicating that the user wasn't able to connect to a string. It currently takes over 5 minutes to connect to a string when Housekeeping telemetry is requested.

***** Verification (Added 970709 by scottc) *****

Currently any User Station can come up and successfully connect to the default string 100.

***** Action Taken (Added 970714 by cramsey) *****

This fix was verified by the integration team.

***** History *****

xddts 970211 082608 Submitted to FOS_TEST_B by jclark@puff
xddts 970211 082742 Enclosure "Problem" added by jclark
xddts 970213 132731 Forwarded from FOS_TEST_B to From_A by jclark
xddts 970313 161027 N -> A (Assigned-Eval to scottc) by mblazeje
xddts 970313 161103 Enclosure Analysis added by rgriffit
xddts 970313 161103 A -> O by mblazeje
xddts 970325 092854 O -> R (Resolution = source code) by
xddts 970325 093342 Enclosure Resolution added by
xddts 970520 120245 R -> T by
xddts 970709 151356 T -> V by scottc
xddts 970709 151542 Enclosure "Verification" added by scottc
xddts 970714 155818 Enclosure "Action Taken" added by cramsey
xddts 970714 155858 V -> C by cwmurphy

Bug ID: ECSed07528 FOS_TEST_B Submitted: 970708
CLOSE defect report Assigned-Eval: 970708
 Assigned-Fix: 970711
Software: events 3 enclosures

"Executing Events Driver causes Core Dump"

DETECTION INFORMATION

Detection method[*]: Planned Test
Detected in phase[*]: System I&T B
Test Case ID: EVT-2030B
Build ID: Patch 5/PDB12
Platform ID: SUN
Test Site[*]: EOC
Severity (1=Showstopper)[*]: 1

ANALYSIS INFORMATION

Evaluate engineer: scottc
Assigned to: scottc
Affect Subsystem[*]: DMS
Analysis time (hrs): 1
Est. fix time (hrs): 1

Related-DR:

SUBMITTER INFORMATION

Submitter: Dawn Levin (Loral)
Address: dlevin@puff

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Bug ID: ECSed07528
CLOSE defect report

FOS_TEST_B

Assigned-Verify 970711

Verified 970711

Closed 970715

RESOLUTION INFORMATION

Resolutions[*]: source code
Resolved by: eyetisku
SLOC: 10
Fixing time (hrs): 1
Documentation affected (Y/N)? N
When_fixed:

CLOSING INFORMATION:

Closing accepted by: cwmurphy

TESTING INFORMATION:

Assigned test engineer: skomenda

VERIFICATION INFORMATION

Test Status (Pass/Fail)? : P
Elapsed test time (hrs): 0.5
Attachments (Y/N)? N (scottc@puff)

Page 2/2

***** Problem *****

Please describe the problem you are experiencing below, including what you did, what you expected to happen, and what actually happened:

After executing events driver A, Run-Time execution error is produced along with a core dump. (see attachment 1 of 1 - NCR Book)

Related-DR:

SUBMITTER INFORMATION

Submitter: Donald Hurd

Address: dhurd@puff

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Bug ID: ECSed08180

FOS_TEST_B

Assigned-Verify 970829

CLOSE defect report

Verified 970929

Closed 971006

RESOLUTION INFORMATION

CLOSING INFORMATION:

Resolutions[*]: source code

Closing accepted by:

Resolved by:

SLOC: 20

Fixing time (hrs): 5

Documentation affected (Y/N)? N

When_fixed: 07AUG97

TESTING INFORMATION:

Assigned test engineer: skomenda

VERIFICATION INFORMATION

Test Status (Pass/Fail)? P

Elapsed test time (hrs): 1

Attachments (Y/N)? N (skomenda@puff)

Page 2/2

***** Problem *****

Please describe the problem you are experiencing below, including what you did, what you expected to happen, and what actually happened:

As a result of merging the telemetry channel parameter server and decom, the end point is not there when format looks for it, causing format to core dump.

***** Analysis (Added 970808 by lzhaio) *****

In Format FcCdCmdController::ConnectToParamServer function, if it couldn't find the ParameterServer's endpoints then it won't instantiate myParamServer object. But myParamServer will be referenced in FcCdCmdController::UpdatePidList function without checking it is instantiated or not which may cause core dump.

Detected in phase[*]: System I&T B
Test Case ID: Assigned to: cloyd
Build ID: P6 Affect Subsystem[*]: DMS
Platform ID: sun Analysis time (hrs): 1
Test Site[*]: EDF Est. fix time (hrs): 2
Severity (1=Showstopper)[*]: 1

Related-DR:

SUBMITTER INFORMATION

Submitter: Neil Clabough (LORAL -
Address: nclaboug@puff

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Bug ID: ECSed07081 FOS_TEST_B Assigned-Verify 970808
CLOSE defect report Verified 970926
Closed 971006

RESOLUTION INFORMATION

Resolutions[*]: source code
Resolved by:
SLOC: 20
Fixing time (hrs): 5
Documentation affected (Y/N)? N
When_fixed:

CLOSING INFORMATION:

Closing accepted by:

TESTING INFORMATION:

Assigned test engineer: skomenda

VERIFICATION INFORMATION

Test Status (Pass/Fail)? P
Elapsed test time (hrs): 1
Attachments (Y/N)? N (skomenda@puff)

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***** Problem *****

Please describe the problem you are experiencing below, including what you did, what you expected to happen, and what actually happened:

When the load catalog server is requested for a catalog entry for a particular load, it is returning every load catalog entry.

Related-DR:

SUBMITTER INFORMATION
Submitter: Dawn Levin (Loral)
Address: dlevin@puff

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Bug ID: ECSed07624 FOS_TEST_B Assigned-Verify 970816
CLOSE defect report Verified 970919
Closed 970923

RESOLUTION INFORMATION CLOSING INFORMATION:
Resolutions[*]: source code Closing accepted by:
Resolved by:
SLOC: 20
Fixing time (hrs): 5
Documentation affected (Y/N)? N
When_fixed:

TESTING INFORMATION:
Assigned test engineer: skomenda

VERIFICATION INFORMATION
Test Status (Pass/Fail)? P
Elapsed test time (hrs): 1
Attachments (Y/N)? N (skomenda@puff)

Page 2/2

***** Problem *****

Please describe the problem you are experiencing below, including what you did, what you expected to happen, and what actually happened:

Attempted to send data file from EDG to EOC. I expected an event message or ASTER process, but nothing happened. Sybase needs to be updated so that FTP'd data files sent from ASTER, EDOS, and FDF can be properly recognized and ingested.

John Rubenacker
7/1/97

***** Resolution (Added 970815 by dlevin) *****
Made necessary update to file watcher.

Address: dlevin@puff

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Bug ID: ECSed06312 FOS_TEST_B Assigned-Verify 970609
CLOSE defect report Verified 970708
Closed 970715

RESOLUTION INFORMATION

Resolutions[*]: configuration
Resolved by:
SLOC: 0
Fixing time (hrs): 1
Documentation affected (Y/N)? N
When_fixed: B

CLOSING INFORMATION:

Closing accepted by: cwmurphy

TESTING INFORMATION:

Assigned test engineer: skomenda

VERIFICATION INFORMATION

Test Status (Pass/Fail)? P
Elapsed test time (hrs): 1
Attachments (Y/N)? N (scottc@puff)

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***** Problem *****

Please describe the problem you are experiencing below, including what you did, what you expected to happen, and what actually happened:

During Testing on 1/16/97 the connection for the I-Channel Tlm retriever was broken thus many messages were outputted to the Event Display and in a short time the threshold was reached (15000)

After 15000. messages were displayed the EVENT DISPLAY HUNG (NO INCOMING MESSAGES were allowed) on all 4 machines that were running FOS STW.

The FOT will have to have the Event Display working at all times please investigate problem.

Linford Marr
1/17/97

***** Resolution (Added 970528 by eyetisku) *****

A DMS "DiskCleaner" process, which empties the contents of database tables that are at full capacity, was added to release B code in order to resolve the problem.

Test Site[*]: EDF Est. fix time (hrs): 0.1
Severity (1=Showstopper)[*]: 1

Related-DR:

SUBMITTER INFORMATION

Submitter: Robert Moore
Address: rmoore@puff

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Bug ID: ECSed07107 FOS_TEST_B Assigned-Verify 970711
CLOSE defect report Verified 970901
Closed 970915

RESOLUTION INFORMATION

Resolutions[*]: source code
Resolved by: rmoore
SLOC: 10
Fixing time (hrs): 0.1
Documentation affected (Y/N)? N
When_fixed:

CLOSING INFORMATION:

Closing accepted by: lsheckle

TESTING INFORMATION:

Assigned test engineer: skomenda

VERIFICATION INFORMATION

Test Status (Pass/Fail)? P
Elapsed test time (hrs): 1
Attachments (Y/N)? N (dlevin@puff)

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***** Problem *****

Using the MUN ECL command a load uplink directive was sent to the memory Image process. The memory Image process core dumps while processing this request.

***** Resolution (Added 970609 by rmoore) *****

The problem was that the image conversion from load image to memory image was assigning the same "memory" two FoEcApplData.

When the first of these appl data "went away" (was deleted) the second

no longer pointed to valid data and the access of the data caused the core dump.

Solved by making sure all appl data's had independant cpies of the data.

***** Verification (Added 970901 by dlevin) *****
Satisfied during AT of CMS 2180

Debra Wake
8/28/97

***** Action Taken (Added 970915 by lsheckle) *****

This NCR fix was verified by the integration/test team.

lsheckle 9/15/97

***** History *****

xdds 970609 065453 Submitted to FOS_INTEGR_B by rmoore@puff
xdds 970609 065556 Enclosure "Problem" added by rmoore
xdds 970609 065634 N -> A (Assigned-Eval to rmoore) by rmoore
xdds 970609 065641 A -> O by rmoore
xdds 970609 065652 O -> R (Resolution = source code) by
xdds 970609 065943 Enclosure "Resolution" added by rmoore
xdds 970711 144551 R -> T by
xdds 970728 142824 Fields modified by rbrauns
xdds 970901 180816 T -> V by dlevin
xdds 970901 180841 Enclosure "Verification" added by dlevin
xdds 970915 134905 V -> C by lsheckle
xdds 970915 134921 Enclosure "Action Taken" added by lsheckle

Bug ID: ECSed07083	FOS_TEST_B	Submitted: 970605
CLOSE defect report		Assigned-Eval: 970605
		Assigned-Fix: 970605
Software: load mgmt		5 enclosures

"Spacecraft Memory Model is crashing when receiving uplink notify."

DETECTION INFORMATION

Detection method[*]: Unplanned Test

Detected in phase[*]: System I&T B

Test Case ID: CMD-2050B

Build ID: P6

Platform ID: sun

Test Site[*]: EDF

Severity (1=Showstopper)[*]: 1

ANALYSIS INFORMATION

Evaluate engineer: nclaboug

Assigned to: nclaboug

Affect Subsystem[*]: CMS

Analysis time (hrs): 1

Est. fix time (hrs): 1

Related-DR:

SUBMITTER INFORMATION

Submitter: Neil Clabough (LORAL -

Address: nclaboug@puff

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Bug ID: ECSed07083

CLOSE defect report

FOS_TEST_B

Assigned-Verify 970711

Verified 970901

Closed 970915

RESOLUTION INFORMATION

Resolutions[*]: source code

Resolved by: nclaboug

SLOC: 10

Fixing time (hrs): 2

Documentation affected (Y/N)? N

When_fixed:

CLOSING INFORMATION:

Closing accepted by: lsheckle

TESTING INFORMATION:

Assigned test engineer: skomenda

VERIFICATION INFORMATION

Test Status (Pass/Fail)? P

Elapsed test time (hrs): 1

Attachments (Y/N)? N (dlevin@puff)

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***** Problem *****

Please describe the problem you are experiencing below, including what you did, what you expected to happen, and what actually happened:

When an uplink notification is sent to the Memory Model (especially one for an invalid load), the Memory Model is dying.

***** Analysis (Added 970605 by nclaboug) *****

On line 802 of FmMmSpacecraftModel, it is not checking to make sure that the partition id was recovered. When it goes to create the load name, it then crashes. A check must be added to determine if a partition number was recovered.

***** Solution (Added 970611 by nclaboug) *****

Code was added to make sure that a partition number was retrieved.

***** Verification (Added 970901 by dlevin) *****

Satisfied during AT of CMS 2180

Debra Wake
8/28/97

***** Action Taken (Added 970915 by lsheckle) *****

This NCR fix was verified by the integration/test team.

lsheckle 9/15/97

***** History *****

xddts 970605 153440 Submitted to FOS_INTEGR_B by nclaboug@puff
xddts 970605 153533 Enclosure "Problem" added by nclaboug
xddts 970605 153831 Enclosure "Analysis" added by nclaboug
xddts 970605 153839 N -> A (Assigned-Eval to nclaboug) by nclaboug
xddts 970605 153849 A -> O by nclaboug
xddts 970611 150052 Enclosure "Solution" added by nclaboug
xddts 970611 150115 O -> R (Resolution = source code) by
xddts 970711 143643 R -> T by
xddts 970728 142927 Fields modified by rbrauns
xddts 970901 180859 T -> V by dlevin
xddts 970901 180930 Enclosure "Verification" added by dlevin
xddts 970915 134349 V -> C by lsheckle
xddts 970915 134409 Enclosure "Action Taken" added by lsheckle

***** Problem *****

Please describe the problem you are experiencing below, including what you did, what you expected to happen, and what actually happened:

The RTS Load Builder dies when it ingests a contents file that contains one or more directives with constraint rules. The RTS Load Builder needs to have dummy objects for the constraint rules. This forces the compiler to link the constraint objects.

***** Solution (Added 970528 by nclaboug) *****

The constraint checker is being modified so that it remove constraint rules after checking them.

***** Failed Verification (Added 970813 by lsheckle) *****

Failed Verification by test team. Load Builder still dies. Patch 10.

ltate 8/11/97

***** Solution 2 (Added 970917 by nclaboug) *****

The problem was fixed by a change Rob made to Ecl directives.

***** Action Taken (Added 971006 by dlevin) *****

Closed by NCR Review Board.

Dawn Turner

10/6/97

***** History *****

xdds 970528 143435 Submitted to FOS_INTEGR_B by nclaboug@puff
xdds 970528 143619 Enclosure "Problem" added by nclaboug
xdds 970528 161721 N -> A (Assigned-Eval to nclaboug) by nclaboug
xdds 970528 161739 A -> O by nclaboug
xdds 970528 161831 Enclosure "Solution" added by nclaboug
xdds 970604 101304 O -> O by nclaboug
xdds 970616 071712 O -> R (Resolution = source code) by

SLOC: 1
Fixing time (hrs): 2
Documentation affected (Y/N)? N
When_fixed:

TESTING INFORMATION:
Assigned test engineer: mblazeje

VERIFICATION INFORMATION
Test Status (Pass/Fail)? P
Elapsed test time (hrs): 1
Attachments (Y/N)? N (mblazeje@puff)

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***** Problem *****

Please describe the problem you are experiencing below, including what you did, what you expected to happen, and what actually happened:

The display page for SSR monitoring did not update when data was sent to it from packgen, Mike Blazejewski's display page which SSR mnemonics were displayed on and update. Data is not getting to the SSR display.

David Shoup
7/9/97

***** Verification (Added 970821 by mblazeje) *****

The rthci.cmd file was pointing to the wrong hosts, this was corrected. The SSR Display now receives telemetry

***** Action Taken (Added 970825 by dlevin) *****

Closed By NCR Review Board.

***** History *****

xdds 970717 165126 Submitted to FOS_TEST_B by dlevin@puff
xdds 970717 165304 Enclosure "Problem" added by dlevin
xdds 970718 083515 N -> A (Assigned-Eval to mblazeje) by mblazeje
xdds 970718 083520 A -> A (Assigned-Eval to mblazeje) by mblazeje
xdds 970718 083532 A -> O by mblazeje
xdds 970819 182737 O -> R (Resolution = source code) by
xdds 970821 151947 R -> T by

xdds 970821 151955 T -> V by mblazeje
xdds 970821 152051 Enclosure "Verification" added by mblazeje
xdds 970825 103814 V -> C by
xdds 970825 103836 Enclosure "Action Taken" added by dlevin

Bug ID: ECSed08483 FOS_TEST_B Submitted: 970825
CLOSE defect report Assigned-Eval: 970825
 Assigned-Fix: 970825
Software: r/t NCC 5 enclosures

"EdosIn generated wrong parameter value for SCS ID."

DETECTION INFORMATION	ANALYSIS INFORMATION
Detection method[*]: Planned Test	Evaluate engineer: mblazeje
Detected in phase[*]: Integration	
Test Case ID:	Assigned to: gchen
Build ID: P11 E2	Affect Subsystem[*]: RCM
Platform ID: pongo	Analysis time (hrs): 1
Test Site[*]: EDF	Est. fix time (hrs): 1
Severity (1=Showstopper)[*]: 1	

Related-DR:

SUBMITTER INFORMATION
Submitter: gchen
Address: gchen@puff

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Bug ID: ECSed08483 FOS_TEST_B Assigned-Verify 970826
CLOSE defect report Verified 970826
 Closed 970915

RESOLUTION INFORMATION	CLOSING INFORMATION:
Resolutions[*]: source code	Closing accepted by: lsheckle
Resolved by: gchen	
SLOC: 10	
Fixing time (hrs): 1	
Documentation affected (Y/N)? N	
When_fixed: 970825	

TESTING INFORMATION:
Assigned test engineer: mblazeje

VERIFICATION INFORMATION

Test Status (Pass/Fail)? : P

Elapsed test time (hrs): 1

Attachments (Y/N)? Y (mblazeje@puff)

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***** Problem *****

Please describe the problem you are experiencing below, including what you did, what you expected to happen, and what actually happened:

The EdosIn process generated FoPvIntegerParameter object for mnemonic CDA_SCSId, the correct parameter value should be FoPvStringParameter.

***** Analysis (Added 970825 by gchen) *****

In function FgEiContentIndicator::Decom()

(... snip ...)

```
else if ( ( theNextData == FgCEiFill7 ) ||
          ( theNextData == FgCEiFill8 ) ||
          ( theNextData == FgCEiFill9 ) ||
          ( theNextData == FgCEiFill10 ) ||
          ( theNextData == FgCEiSCS2 ) ||
          ( theNextData == FgCEiCcsds ) ||
          ( theNextData == FgCEiGndComm ) ||
          ( theNextData == FgCEiFill13 ) )
{
    dummyValue = ProcessData( nextData);
}
```

(... snip ...)

the item number FgCEiSCS2 should generate String parameter value object.

***** Resolution (Added 970826 by gchen) *****

In file /ecs/formal/fos/rcm3/EdosIn/src/FgEiContentIndicator.C modified function Decom as following:

From:

```
else if ( ( theNextData == FgCEiFill7 ) ||
          ( theNextData == FgCEiFill8 ) ||
```

```

        ( theNextData == FgCEiFill9 ) ||
        ( theNextData == FgCEiFill10 ) ||
        ( theNextData == FgCEiSCS2 ) ||
        ( theNextData == FgCEiCcsds ) ||
        ( theNextData == FgCEiGndComm ) ||
        ( theNextData == FgCEiFill13 ) )

    {

To:

    else if ( theNextData == FgCEiSCS2 )
    {
        EcTInt theNumBits      = nextData->NumBits();
        EcTInt thePid          = nextData->Pid();
        RWCString myScsId = GrabAsciiBits( myWorkingOffset, theNumBits);
        Debug( nextData->Name(),theNumBits,
        thePid,(EcTChar*)myScsId.data(),nextData->ItemNum());
        WorkingOffset( theNumBits );
        LoadParamServer((EcTChar*)myScsId.data(), thePid );
    }
    else if ( ( theNextData == FgCEiFill7 ) ||
        ( theNextData == FgCEiFill8 ) ||
        ( theNextData == FgCEiFill9 ) ||
        ( theNextData == FgCEiFill10 ) ||
        ( theNextData == FgCEiCcsds ) ||
        ( theNextData == FgCEiGndComm ) ||
        ( theNextData == FgCEiFill13 ) )

    {

```

***** Verification (Added 970826 by mblazeje) *****
This has been corrected, now RTWorks does not crash when receiving the
SCSId values.

***** Action Taken (Added 970915 by lsheckle) *****

This NCR fix was verified by the integration/test team.

lsheckle 9/15/97

***** History *****

xdds 970825 115920 Submitted to FOS_TEST_B by gchen@puff
xdds 970825 120108 Enclosure "Problem" added by gchen

When_fixed: 6/16

TESTING INFORMATION:

Assigned test engineer: mblazeje

VERIFICATION INFORMATION

Test Status (Pass/Fail)? : P

Elapsed test time (hrs): 1

Attachments (Y/N)? N (mblazeje@puff)

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***** Problem *****

Please describe the problem you are experiencing below, including what you did, what you expected to happen, and what actually happened:

EdosIn and EdosOut goes down after 45 minutes.
The callback classes for EdosIn and EdosOut were not catching the FoIpCommExcept thrown by the portal receive.

***** Resolution (Added 970616 by dmorgan) *****

I placed the portal receive inside the try block.

```
try
{
    // set application pointer
    myManager = (FgEiManager*)Appl();

    // Receive Message

    inMsg = (EcRwCollectable *)Callback->Receive();

}
```

***** Action Taken (Added 970715 by cramsey) *****

This fix was verified by the integration team.

***** History *****

xdds 970616 174252 Submitted to FOS_TEST_B by dmorgan@puff

Resolutions[*]: source code Closing accepted by: lsheckle
Resolved by: gchen
SLOC: 15
Fixing time (hrs): 1
Documentation affected (Y/N)? N
When_fixed: 970823

TESTING INFORMATION:
Assigned test engineer: mblazeje

VERIFICATION INFORMATION
Test Status (Pass/Fail)? P
Elapsed test time (hrs): 1
Attachments (Y/N)? N (mblazeje@puff)

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***** Problem *****

Please describe the problem you are experiencing below, including what you did, what you expected to happen, and what actually happened:

Used EdosCodaGenerator to send RtnLinkPhysicalPort stats blocks, the EdosIn process can not process the whole report, it reported the CODA is invalid then stop to process any further.

***** Analysis (Added 970824 by gchen) *****

In function FgEiReturnLinkPhysicalChannel::Decom() the following code was wrong:

```
        // Loop for the repeated data
        // Number of Return Link Physical Ports present
        for ( EcTInt i = 0; i < myRLPP; ++i )
        {
            (... snip ...)

                // advance the items in the odf
                for ( i = 0; i < theUnusedRepeatedDataItem; ++i)
                    nextData = (( FgReDataItemDef* ) iterateData() );

            (... snip ...)
        } // end of RLPP loop
```

Within the for loop there is another for loop using the same loop variable, namely i, so the increment of the first loop variable always get overridden by the second loop variables, it becomes an infinite loop until it exhausted the ODF definition and caused memory fault. The process will terminated

Detected in phase[*]: System I&T B
Test Case ID: Assigned to: mcampbel
Build ID: B Affect Subsystem[*]: FUI
Platform ID: Analysis time (hrs): 1
Test Site[*]: EDF Est. fix time (hrs): 1
Severity (1=Showstopper)[*]: 1

Related-DR:

SUBMITTER INFORMATION

Submitter: mcampbel
Address: mcampbel@puff

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Bug ID: ECSed08425 FOS_TEST_B Assigned-Verify 970821
CLOSE defect report Verified 970919
Closed 970923

RESOLUTION INFORMATION

Resolutions[*]: source code
Resolved by: sshan
SLOC: 10
Fixing time (hrs): 1
Documentation affected (Y/N)? N
When_fixed:

CLOSING INFORMATION:

Closing accepted by:

TESTING INFORMATION:

Assigned test engineer: skomenda

VERIFICATION INFORMATION

Test Status (Pass/Fail)? P
Elapsed test time (hrs): 1
Attachments (Y/N)? N (skomenda@puff)

Page 2/2

***** Problem *****

Please describe the problem you are experiencing below, including what you did, what you expected to happen, and what actually happened:

When reading in existing proc, procedure builder syntax check will need default to yellow.

***** resolution (Added 970821 by mcampbel) *****

Changed procedure builder to default syntax check to yellow for existing procedures.

Address: mblazeje@puff

Page 1/2

Bug ID: ECSed08156
CLOSE defect report

FOS_TEST_B

Assigned-Verify 970929

Verified 970929

Closed 971006

RESOLUTION INFORMATION

Resolutions[*]: source code

Resolved by: rgriffit

SLOC: 1

Fixing time (hrs): 2

Documentation affected (Y/N)? N

When_fixed: 2.0.1

CLOSING INFORMATION:

Closing accepted by:

TESTING INFORMATION:

Assigned test engineer: mblazeje

VERIFICATION INFORMATION

Test Status (Pass/Fail)? P

Elapsed test time (hrs): 2

Attachments (Y/N)? Y (mblazeje@puff)

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***** Problem *****

Please describe the problem you are experiencing below, including what you did, what you expected to happen, and what actually happened:

Attempted to create a backup string 100 on the backup data server and it was unsuccessful. The debug message reads

FaAl: caught an error

Error: Cannot find a unique entry in the nameserver for the ground parameter server

This occurred on all attempt to create the backup string.

***** Re-Open (Added 970820 by tjohnson) *****

Need a resolution enclosure so we know what changed and how to verify it.

***** Resolution (Added 970929 by mblazeje) *****

This was fixed prior to RRR by a combination of Developers, R. Griffith, J. Brown

DETECTION INFORMATION

Detection method[*]: Planned Test
Detected in phase[*]: Integration
Test Case ID:
Build ID:
Platform ID:
Test Site[*]: EDF
Severity (1=Showstopper)[*]: 1

ANALYSIS INFORMATION

Evaluate engineer: mblazeje
Assigned to: dpeters
Affect Subsystem[*]: DMS
Analysis time (hrs): 10000
Est. fix time (hrs): 2

Related-DR:

SUBMITTER INFORMATION

Submitter: Mike Blazejewski (LORA)
Address: mblazeje@puff

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Bug ID: ECSed08036 FOS_TEST_B Assigned-Verify 970821
CLOSE defect report Verified 970821
Closed 970825

RESOLUTION INFORMATION

Resolutions[*]: source code
Resolved by: dmorgan
SLOC: 1
Fixing time (hrs): 2
Documentation affected (Y/N)? N
When_fixed:

CLOSING INFORMATION:

Closing accepted by:

TESTING INFORMATION:

Assigned test engineer: mblazeje

VERIFICATION INFORMATION

Test Status (Pass/Fail)? P
Elapsed test time (hrs): 1
Attachments (Y/N)? N (mblazeje@puff)

Page 2/2

***** Problem *****

Please describe the problem you are experiencing below, including what you did, what you expected to happen, and what actually happened:

The NCC UPD messages for Time Transfer Messages and Return Channel Time Delays are not being decommed. Their mnemonic are not being updated in the Parameter Server and therefore are not available for Display Pages or Clock Correlation testing.

DETECTION INFORMATION

Detection method[*]: Planned Test
Detected in phase[*]: System I&T B
Test Case ID: CMS-2040
Build ID: P7
Platform ID: Sun
Test Site[*]: EOC
Severity (1=Showstopper)[*]: 1

ANALYSIS INFORMATION

Evaluate engineer: mblazeje
Assigned to: kfregeol
Affect Subsystem[*]: FUI
Analysis time (hrs): 1
Est. fix time (hrs): 1

Related-DR:

SUBMITTER INFORMATION

Submitter: Dawn Levin (Loral)
Address: dlevin@puff

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Bug ID: ECSed07622
CLOSE defect report

FOS_TEST_B

Assigned-Verify 970723

Verified 970723

Closed 970814

RESOLUTION INFORMATION

Resolutions[*]: source code
Resolved by: yadelekan
SLOC: 10
Fixing time (hrs): 1
Documentation affected (Y/N)? N
When_fixed:

CLOSING INFORMATION:

Closing accepted by:

TESTING INFORMATION:

Assigned test engineer: mblazeje

VERIFICATION INFORMATION

Test Status (Pass/Fail)? : P
Elapsed test time (hrs): 0.5
Attachments (Y/N)? N (mblazeje@puff)

Page 2/2

***** Problem *****

Please describe the problem you are experiencing below, including what you did, what you expected to happen, and what actually happened:

Attempted to open a dump file, the table load Builder Tool crashes, no event msg are received. There were probably no dump files created, however the tool should not crash, it should return an error message no dumps found.

Debra Wake
7/7/97

***** Analysis (Added 970714 by mwisniew) *****

The problem had to do with a pointer which was never set to anything. The DumpSelection class needs a pointer to the class which instantiated it. This pointer was never set so when it was used it crashed.

***** resolution (Added 970721 by mcampbel) *****

Fixed the window to prevent crashing, however found some other problems with tge dump option which would prevent it from working completely.

***** Verification (Added 970723 by mblazeje) *****

Successfully selected Open Dumps with no files available and with files available. Table Load Builder did not crash in either of the cases.

Patch 9

Michael f. Blazejewski

***** Action Taken (Added 970814 by dlevin) *****

Closed by NCR Review Board.

***** History *****

xddts 970710 174350 Submitted to FOS_TEST_B by dlevin@puff
xddts 970710 174544 Enclosure "Problem" added by dlevin
xddts 970711 081859 N -> A (Assigned-Eval to mblazeje) by mblazeje
xddts 970714 173007 Enclosure "Analysis" added by mwisniew
xddts 970715 083203 A -> O by cwmurphy
xddts 970721 134024 O -> R (Resolution = source code) by
xddts 970721 145957 Fields modified by mcampbel
xddts 970721 150421 Enclosure "resolution" added by mcampbel
xddts 970723 094210 Enclosure "Verification" added by mblazeje
xddts 970723 094215 R -> T by
xddts 970723 094221 T -> V by mblazeje

Test Site[*]: EOC Est. fix time (hrs): 8
Severity (1=Showstopper)[*]: 1

Related-DR:

SUBMITTER INFORMATION

Submitter: Lisa Zhao (LORAL) x109
Address: lzhao@puff

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Bug ID: ECSed07159 FOS_TEST_B Assigned-Verify 970711
CLOSE defect report Verified 970711
Closed 970715

RESOLUTION INFORMATION

Resolutions[*]: source code
Resolved by: lzhao
SLOC: 10
Fixing time (hrs): 8
Documentation affected (Y/N)? N
When_fixed: 06/12/97

CLOSING INFORMATION:

Closing accepted by: cwmurphy

TESTING INFORMATION:

Assigned test engineer: chunter

VERIFICATION INFORMATION

Test Status (Pass/Fail)? P
Elapsed test time (hrs): 1
Attachments (Y/N)? Y (chunter@puff)

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***** Problem *****

Please describe the problem you are experiencing below, including what you did, what you expected to happen, and what actually happened:

In Commanding Format Process I found that:

- A. Command sequence number for fui out of order after command being tlm verified.
- B. Command queue item not cleared after command tlm verification time out.
- C. Telemetry verification for command not executed.

***** Analysis (Added 970613 by lzhao) *****

For A:

The sequence number for command is changed after new commands issued.

For B:

The command tlm verification wait interval is in milisecond, FcCdFormat sets its timer to second such that the command item is not cleared after supposed timeout. And when use the iterator for cmdList in myCmdQueue of class FcCdCmdController, whenever delete one item from the list, iterator for this item is not removed. Thus results in using the deleted address and cause segmentation fault.

For C:

The current database command wait interval value is too small. The command verification is always timeout. The FoTmGetTime() function get UTC time in day unit. FcCdFormat uses milisecond to add on which is wrong.

***** Resolution (Added 970613 by lzhao) *****

For A:

- 1) In FcCdCmdController::PreProcessCmd(), add:
 myRtCmd->SeqNum(fuiMsg->SeqNum());
 to set sequence number for command.
- 2) Change SendFuiStatusMsg(void) to:
 SendFuiStatusMsg(EcTInt seqNum), such that Fui will get the correct Fui Sequence Number.

For B:

- 1) In FcCdCmdController::QueueCmd and FcCdCmdController::ChkCmdQueue, change myTimer->Timeout(timeout) to:
 myTimer->Timeout(0, timeout, 0).
- 2) In FcCdCmdController::ChkCmdQueue, add cmdIter.remove() and myCmdQueue->removeAndDestroy(nextPid).

For C:

- 1) In FcCdCmdController::ProcessTlm, Correct the FoCPvIntegerParameter case.
- 2) Add function GetTimeInms() to FcCdCmdController class to substitute the FoTmGetTime() original used. This function will get the current UTC time in milisecond.
- 3) Add myPSClient->ClearPidList() to FcCdCmdController::UpdatePidList().

***** verification (Added 970711 by chunter) *****

Verified that the tlm verification timed out correctly in the mini-eoc and the command control window did not hang

***** Action Taken (Added 970715 by cramsey) *****

This fix was verified by the integration team.

CLOSE defect report

Verified 970901
Closed 970915

RESOLUTION INFORMATION

Resolutions[*]: source code
Resolved by: lzhao
SLOC: 10
Fixing time (hrs): 2
Documentation affected (Y/N)? N
When_fixed: 27MAY97

CLOSING INFORMATION:

Closing accepted by: lsheckle

TESTING INFORMATION:

Assigned test engineer: skomenda

VERIFICATION INFORMATION

Test Status (Pass/Fail)?: P
Elapsed test time (hrs): 1
Attachments (Y/N)? N (dlevin@puff)

Page 2/2

***** Problem *****

Please describe the problem you are experiencing below, including what you did, what you expected to happen, and what actually happened:

hex commands were not built with correct bit pattern, minor code changes made to fix the problem.

***** Verification (Added 970901 by dlevin) *****

OK Verified at AT (Patch 11)

Debra Wake
8/30/97

***** Action Taken (Added 970915 by lsheckle) *****

This NCR fix was verified by the integration/test team.

lsheckle 9/15/97

***** History *****

xddts 970527 133132 Submitted to FOS_INTEGR_B by dhurd@puff
xddts 970527 133213 Enclosure "Problem" added by dhurd
xddts 970527 133348 N -> A (Assigned-Eval to lzhao) by dhurd
xddts 970527 133436 A -> O by dhurd
xddts 970527 133450 O -> R (Resolution = source code) by
xddts 970711 144521 R -> T by
xddts 970728 145124 Fields modified by rbrauns
xddts 970901 180119 T -> V by dlevin
xddts 970901 180151 Enclosure "Verification" added by dlevin
xddts 970915 114939 V -> C by lsheckle
xddts 970915 115120 Enclosure "Action Taken" added by lsheckle

Bug ID: ECSed07693 FOS_TEST_B Submitted: 970714
CLOSE defect report Assigned-Eval: 970715
Assigned-Fix: 970715
Software: reports 3 enclosures

"FUI Report Builder fails on SCS Report"

DETECTION INFORMATION ANALYSIS INFORMATION
Detection method[*]: Planned Test Evaluate engineer: lsheckle
Detected in phase[*]: System I&T B
Test Case ID: Assigned to: kfregeol
Build ID: Affect Subsystem[*]: FUI
Platform ID: Analysis time (hrs): 1
Test Site[*]: EDF Est. fix time (hrs): 1
Severity (1=Showstopper)[*]: 1

Related-DR:

SUBMITTER INFORMATION
Submitter: Jesse Fewell
Address: jfewell@puff

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Bug ID: ECSed07693 FOS_TEST_B Assigned-Verify 970805
CLOSE defect report Verified 970919
Closed 970923

RESOLUTION INFORMATION CLOSING INFORMATION:
Resolutions[*]: source code Closing accepted by:
Resolved by: sshan
SLOC: 10

Fixing time (hrs): 1
Documentation affected (Y/N)? N
When_fixed:

TESTING INFORMATION:
Assigned test engineer: skomenda

VERIFICATION INFORMATION
Test Status (Pass/Fail)? P
Elapsed test time (hrs): 1
Attachments (Y/N)? N (skomenda@puff)

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***** Problem *****

Please describe the problem you are experiencing below, including what you did, what you expected to happen, and what actually happened:

the FuRpReport process incorrectly utilizes an ANA proxy.

within FuRpAnaDemandDialog::SetupIPC() ...

* when allocating a FaCpSCSReport, the FuRpAnaDemandDialog::SetupIPC function does not initialize the SCS Report Monitor endpoint. This prevents a connection to the FaCsReportMonitor process.

* Extraneous code attempting a direct connection needs to be ommitted.

This class does not implement the reconnect proxy correctly, and thus the functionality of on-demand SCS Reports is halted.

***** Resolution (Added 970721 by sshan) *****

Fixed the problem by modification of FuRpAnaDemandDialog::SetupIPC() function.

***** Action Taken (Added 970923 by dlevin) *****

Closed by NCR Review Board.

Dawn Turner
9/23/97

***** History *****

When_fixed:

TESTING INFORMATION:

Assigned test engineer: cchachul

VERIFICATION INFORMATION

Test Status (Pass/Fail)? P

Elapsed test time (hrs): 0

Attachments (Y/N)? N (cwmurphy@puff)

Page 2/2

***** Problem *****

Please describe the problem you are experiencing below, including what you did, what you expected to happen, and what actually happened:

Unable to test e-mail and document reader until user station (IST) is configured on Goddard LAN! Functionality requires that software operates on EOC/Goddard LAN.

Run the cable and configure software.

Rick Scannell

8/3/97

***** Resolution (Added 970808 by cwmurphy) *****

Workstation wwas installed as needed.

***** Verification (Added 970808 by cwmurphy) *****

Fix verified by test team during AT.

Carol Chachulski

8/8/97

***** Action Taken (Added 970819 by lsheckle) *****

Closed by NCR Review Board.

Fixing time (hrs): 2
Documentation affected (Y/N)? N
When_fixed:

TESTING INFORMATION:

Assigned test engineer: lsheckle

VERIFICATION INFORMATION

Test Status (Pass/Fail)? : P
Elapsed test time (hrs): 2
Attachments (Y/N)? N (lsheckle@puff)

Page 2/2

***** Problem *****

Please describe the problem you are experiencing below, including what you did, what you expected to happen, and what actually happened:

This test case was not run prior to the Release B FCA.
All requirements are unverified.

***** Resolution (Added 970904 by lsheckle) *****

Test was completed successfully 9/1 with only one NCR written and a work around was available for use during the test.

lsheckle 9/4/97

***** Action Taken (Added 970915 by lsheckle) *****

This NCR fix was verified by the integration/test team.

lsheckle 9/15/97

***** History *****

xdds 970831 221551 Submitted to FOS_TEST_B by dlevin@puff
xdds 970831 221617 Enclosure "Problem" added by dlevin
xdds 970904 172800 N -> A (Assigned-Eval to lsheckle) by lsheckle
xdds 970904 172939 A -> O by lsheckle
xdds 970904 173046 O -> R (Resolution = not a bug) by
xdds 970904 173353 R -> T by

xdds 970904 173404 T -> V by lsheckle
xdds 970904 173759 Enclosure "Resolution" added by lsheckle
xdds 970915 164609 V -> C by lsheckle
xdds 970915 164622 Enclosure "Action Taken" added by lsheckle

Bug ID: ECSed07541 FOS_TEST_B Submitted: 970708
CLOSE defect report Assigned-Eval: 970708
 Assigned-Fix: 970711
Software: procs 4 enclosures

"Procedure Controller Failure"

DETECTION INFORMATION	ANALYSIS INFORMATION
Detection method[*]: Planned Test	Evaluate engineer: lsheckle
Detected in phase[*]: System I&T B	
Test Case ID: FUI-2060B	Assigned to: kfregeol
Build ID: Rel B, Patch 7	Affect Subsystem[*]: FUI
Platform ID:	Analysis time (hrs): 1
Test Site[*]: EOC	Est. fix time (hrs): 1
Severity (1=Showstopper)[*]: 1	

Related-DR:

SUBMITTER INFORMATION
Submitter: Dawn Levin (Loral)
Address: dlevin@puff

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Bug ID: ECSed07541 FOS_TEST_B Assigned-Verify 970725
CLOSE defect report Verified 970901
 Closed 970915

RESOLUTION INFORMATION	CLOSING INFORMATION:
Resolutions[*]: source code	Closing accepted by: lsheckle
Resolved by: wliu	
SLOC: 10	
Fixing time (hrs): 1	
Documentation affected (Y/N)? N	
When_fixed:	

TESTING INFORMATION:
Assigned test engineer: skomenda

VERIFICATION INFORMATION

Test Status (Pass/Fail)? : P

Elapsed test time (hrs): 1

Attachments (Y/N)? N (dlevin@puff)

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***** Problem *****

Please describe the problem you are experiencing below, including what you did, what you expected to happen, and what actually happened:

Attempted to execute a procedure using the procedure control tool. The procedure control window came up, but when I tried to open a procedure I got an error dialog: Could not locate procedure controller.

Bill Hill

6/27/97

***** Resolution (Added 970714 by mwisniew) *****

Due to a change with how procedures are created the Proc Control Win was trying to find the Proc Controller with incorrect endpoint information.

To test. Wait for P9. Start the Proc Control Win from the tools menu. Open a procedure. If there is no error dialog about finding the Proc Controller the problem is fixed.

***** Verification (Added 970901 by dlevin) *****

Verified at AT

Bill Hill

8/29/97

***** Action Taken (Added 970915 by lsheckle) *****

This NCR fix was verified by the integration/test team.

lsheckle 9/15/97

***** History *****

Documentation affected (Y/N)? N

When_fixed:

TESTING INFORMATION:

Assigned test engineer: skomenda

VERIFICATION INFORMATION

Test Status (Pass/Fail)? P

Elapsed test time (hrs): 1

Attachments (Y/N)? N (mblazeje@puff)

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***** Problem *****

Please describe the problem you are experiencing below, including what you did, what you expected to happen, and what actually happened:

Created a new proc with patch 11, syntax check failed indicating an error with line 8, the START PROC() line. This has occurred across workstations for more than one user.

***** Resolution (Added 970821 by yadeleka) *****

I had explicitly added a token that will take a string with parenthesis at the end. It looks like this token interfered with the proc builder. When I took out the token, it worked fine.

***** Verification (Added 970821 by mblazeje) *****

This works fine now with patch 11

***** Action Taken (Added 970825 by dlevin) *****

Closed by NCR Review Board.

***** History *****

xdds 970813 103326 Submitted to FOS_TEST_B by mblazeje@puff
xdds 970813 103450 Enclosure "Problem" added by mblazeje
xdds 970813 103504 N -> A (Assigned-Eval to lsheckle) by mblazeje
xdds 970813 103517 A -> O by mblazeje
xdds 970821 142128 Enclosure "Resolution" added by yadeleka
xdds 970821 143652 O -> R (Resolution = source code) by

xddts 970821 151939 R -> T by
xddts 970821 152257 T -> V by mblazeje
xddts 970821 152321 Enclosure "Verification" added by mblazeje
xddts 970825 104517 V -> C by
xddts 970825 104531 Enclosure "Action Taken" added by dlevin

Bug ID: ECSed08562 FOS_TEST_B Submitted: 970826
CLOSE defect report Assigned-Eval: 970827
 Assigned-Fix: 970827
Software: r/t NCC 4 enclosures

"EdosIn crashed while processing FwdLink status from EDOS."

DETECTION INFORMATION	ANALYSIS INFORMATION
Detection method[*]: Planned Test	Evaluate engineer: mblazeje
Detected in phase[*]: Integration	
Test Case ID: EDOS-2000B	Assigned to: gchen
Build ID: P11 E2	Affect Subsystem[*]: RCM
Platform ID:	Analysis time (hrs): 1
Test Site[*]: EOC	Est. fix time (hrs): 1
Severity (1=Showstopper)[*]: 1	

Related-DR:

SUBMITTER INFORMATION
Submitter: gchen
Address: gchen@puff

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Bug ID: ECSed08562 FOS_TEST_B Assigned-Verify 970930
CLOSE defect report Verified 970930
 Closed 971006

RESOLUTION INFORMATION	CLOSING INFORMATION:
Resolutions[*]: source code	Closing accepted by:
Resolved by: gchen	
SLOC: 10	
Fixing time (hrs): 11	
Documentation affected (Y/N)? N	
When_fixed: 2.0.0	

TESTING INFORMATION:
Assigned test engineer: skomenda

VERIFICATION INFORMATION

Test Status (Pass/Fail)?: P

Elapsed test time (hrs): 1

Attachments (Y/N)? N (scottc@puff)

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***** Problem *****

Please describe the problem you are experiencing below, including what you did, what you expected to happen, and what actually happened:

During the CODA testing with EDOS at EOC, the EdosIn process crashed while processing Forward Link Physical Port status blocks. It happend after receiving few FLPP blocks.

***** Resolution (Added 970930 by scottc) *****

Place holder for Gary Chen to add exact resolution

Allowed per S. Komenda/A. Miller from FCA preparation meeting held 9/29/97.

S. Carter
9/30/97

***** Verification (Added 970930 by scottc) *****

Test team verified EdosIn does not crash while processing FwdLink status from EDOS.

Per S. Komenda at FCA meeting held 9/29/97

S. Carter
9/30/97

***** Action Taken (Added 971006 by dlevin) *****

Closed by NCR Review Board.

Dawn Turner
10/6/97

***** History *****

xdds 970826 075959 Submitted to FOS_TEST_B by gchen@puff

Documentation affected (Y/N)? N
When_fixed: 2.0.1

TESTING INFORMATION:
Assigned test engineer: jrubenac

VERIFICATION INFORMATION
Test Status (Pass/Fail)? : P
Elapsed test time (hrs): 1
Attachments (Y/N)? N (jrubenac@puff)

Page 2/2

***** Problem *****

Please describe the problem you are experiencing below, including what you did, what you expected to happen, and what actually happened:

No error event message was generated when the CODA report message length was set to an invalid number.

John Rubenacker
8/25/97

***** Analysis (Added 971015 by gchen) *****

EdosIn process does not check the received buffer size against the msg size in the header.

***** Resolution (Added 971015 by gchen) *****

Added one function CheckMsgLength() in FgEiEdosMsgMgr class to handle the checking, if the buffer size and the msg size in header are not matched, EdosIn will send an event and stop processing this message any further.

Files are modified:

/ecs/formal/fos/rcm3/EdosIn/include/FgEiEdosMsgMgr.h
/ecs/formal/fos/rcm3/EdosIn/src/FgEiEdosMsgMgr.C.

***** Verification (Added 971030 by jrubenac) *****

John Rubenacker
Oct. 28, 1997
mini-EOC/R 2.0.1
Sent a CODA Report with an incorrect message length.

This resulted in an event message indicating incorrect length.

***** Action Taken (Added 971103 by dlevin) *****

Closed by NCR Review Board

11/03/97

***** History *****

- xdds 970831 132630 Submitted to FOS_TEST_B by dlevin@puff
- xdds 970831 132717 Enclosure "Problem" added by dlevin
- xdds 970831 182753 N -> A (Assigned-Eval to mblazeje) by cwmurphy
- xdds 970901 112014 A -> O by mblazeje
- xdds 971001 111553 Fields modified by cwilliam
- xdds 971015 134452 Enclosure "Analysis" added by gchen
- xdds 971015 135113 Enclosure "Resolution" added by gchen
- xdds 971015 135303 O -> R (Resolution = source code) by
- xdds 971028 154141 R -> T by
- xdds 971030 161527 T -> V by jrubenac
- xdds 971030 162409 Enclosure "Verification" added by jrubenac
- xdds 971103 112925 V -> C by
- xdds 971103 112945 Enclosure "Action Taken" added by dlevin

Bug ID: ECSed08423	FOS_TEST_B	Submitted: 970821
CLOSE defect report		Assigned-Eval: 970821
		Assigned-Fix: 970821
Software: command		4 enclosures

"Xmit has duplicate name server pointer"

DETECTION INFORMATION	ANALYSIS INFORMATION
Detection method[*]: Planned Test	Evaluate engineer: chunter
Detected in phase[*]: System I&T B	
Test Case ID:	Assigned to: dhurd
Build ID: B2	Affect Subsystem[*]: CMD
Platform ID:	Analysis time (hrs): 1
Test Site[*]: EDF	Est. fix time (hrs): 1
Severity (1=Showstopper)[*]: 2	

Related-DR:

SUBMITTER INFORMATION

Submitter: dhurd
Address: dhurd@puff

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Bug ID: ECSed08423 FOS_TEST_B Assigned-Verify 970922
CLOSE defect report Verified 971114
Closed 971117

RESOLUTION INFORMATION

Resolutions[*]: source code
Resolved by: dhurd
SLOC: 1
Fixing time (hrs): 1
Documentation affected (Y/N)? N
When_fixed:

CLOSING INFORMATION:

Closing accepted by:

TESTING INFORMATION:

Assigned test engineer: skomenda

VERIFICATION INFORMATION

Test Status (Pass/Fail)? P
Elapsed test time (hrs): 1
Attachments (Y/N)? N (skomenda@puff)

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***** Problem *****

Please describe the problem you are experiencing below, including what you did, what you expected to happen, and what actually happened:

The Transmit controller header file has a nameserver proxy pointer, redundant to the one in the base class. This causes failover to not work, is not needed, so should be removed.

***** Resolution (Added 970915 by dhurd) *****

The duplicate name server pointer has been removed.

***** Verification (Added 971114 by skomenda) *****

VERIFIED IN MINI-EOC ON NOV 1997

Bug ID: ECSed05123
CLOSE defect report

FOS_TEST_B Assigned-Verify 970715
Verified 970804
Closed 970813

RESOLUTION INFORMATION

CLOSING INFORMATION:

Resolutions[*]: source code
Resolved by: wliu
SLOC: 0
Fixing time (hrs): 1
Documentation affected (Y/N)? N
When_fixed:

Closing accepted by:

TESTING INFORMATION:

Assigned test engineer: skomenda

VERIFICATION INFORMATION

Test Status (Pass/Fail)? P
Elapsed test time (hrs): 1
Attachments (Y/N)? N (lsheckle@puff)

***** Problem (Added at 970123 by bseaton) *****
Reference DR # SMOdr00166 Originated 961213 by R. Messerly

Commands in the ground script are reprocessed and resent each time CAC authority is transferred. IVVTEST4 on fose8oe initially took Command authority and sent an individual command from CCWs CMD line (Enter, Resume, Send). IVVTEST3 on Fose10oe took Command authority from IVVTEST4, and entered a single command from CCWs CMD line. The command was automatically processed (Send/Cancel prompt) without the operator selecting Resume. After Sendg the command, the first command, entered by IVVTEST4 was also processed and IVVTEST3 Sendd that command also. IVVTEST4 on Fose8oe took Command authority from IVVTEST3, and entered a single command from CCWs CMD line. The third command was automatically processed. Upon Sendg the third command the system required a Resume acknowledgment before processing the other two commands in turn. Each new command is being displayed at the top of the ground script, vice the bottom.

In addition to the hazard of commands being processed and sent two or more times unexpectedly, the Event_Display did not give the operator an accurate reflection of the commands being sent. Some commands were not displayed except in the Control_Window event display which is too small to monitor the 8 events associated with command processing.

Screen snaps are available.

EOC5.2 Dry Run

***** Analysis *****

Please describe your analysis to this problem:

***** resolution (Added 970717 by wliu) *****

resolution:

The problem was fixed by setting the index correctly after the command control window loads up the directive container from another CAC.

Questions, contact Win Liu at x0678.

***** Verification (Added 970804 by lsheckle) *****

Verified fixed during AT.

bhill (8/4/97)

***** Action Taken (Added 970813 by dlevin) *****

Closed by NCR Review Board.

***** History *****

webif 970123 095047 Submitted by bseaton from honeydew.gsfc.nasa.gov
xdds 970124 091744 Forwarded from CMD_A to From_A by cwmurphy
xdds 970128 130451 Fields modified by cwmurphy
xdds 970131 173401 Fields modified by lsheckle
xdds 970226 141038 Fields modified by lsheckle
xdds 970303 151752 N -> A (Assigned-Eval to chunter) by chunter
xdds 970313 085654 Enclosure Analysis added by dchen
xdds 970313 085654 A -> O by chunter
xdds 970616 152142 O -> R (Resolution = source code) by
xdds 970715 154046 R -> T by
xdds 970717 114149 Enclosure "resolution" added by wliu
xdds 970728 145318 Fields modified by rbrauns
xdds 970804 173219 T -> V by lsheckle
xdds 970804 173322 Enclosure "Verification" added by lsheckle
xdds 970813 162308 V -> C by

xddts 970813 164150 Enclosure "Action Taken" added by dlevin

Bug ID: ECSed09514 FOS_POST_RRR Submitted: 971022
CLOSE defect report Assigned-Eval: 971022
Assigned-Fix: 971022
Software: startup 4 enclosures

"FOS_LOGIN screen performs tens of thousands of system calls"

DETECTION INFORMATION ANALYSIS INFORMATION
Detection method[*]: Unplanned Test Evaluate engineer: mblazeje
Detected in phase[*]: Integration
Test Case ID: Assigned to: rmosley
Build ID: Affect Subsystem[*]: FUI
Platform ID: Analysis time (hrs): 2
Test Site[*]: EDF Est. fix time (hrs): 2
Severity (1=Showstopper)[*]: 2

Related-DR:

SUBMITTER INFORMATION
Submitter: mblazeje
Address: mblazeje@puff

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Bug ID: ECSed09514 FOS_POST_RRR Assigned-Verify 971112
CLOSE defect report Verified 971121
Closed 971201

RESOLUTION INFORMATION CLOSING INFORMATION:
Resolutions[*]: source code Closing accepted by:
Resolved by: rmosley
SLOC: 10
Fixing time (hrs): 2
Documentation affected (Y/N)? N
When_fixed: 2.0.3

TESTING INFORMATION:
Assigned test engineer: skomenda

VERIFICATION INFORMATION
Test Status (Pass/Fail)?: P

Elapsed test time (hrs): 0.3
Attachments (Y/N)? N (mblazeje@puff)

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***** Problem *****

Please describe the problem you are experiencing below, including what you did, what you expected to happen, and what actually happened:

It has been observed (using vmstat) that the FOS_LOGIN processes causes tens of thousands of system calls per second while the UserStation is being started. This results in an increase in the amount of time needed to start the UserStation as well as effects the overall System Resource Utilization Requirements.

The system calls appear to be related to the the pop-up window which informs the user to please wait while UserStation is starting.

***** Resolution (Added 971029 by rmosley) *****

There is only one system call that is used in the Login process. The problem is that the Dialog window is polling in a while statment until it finds the Control Window's end point.

The while statment has been replaced with a timer function.

***** verification (Added 971121 by mblazeje) *****

The problem has been resolved as of Release 2.0.3

***** Action Taken (Added 971201 by bseaman) *****

Closed by NCR Review Board

12/1/97

***** History *****

xdds 971022 085155 Submitted to FOS_POST_RRR by mblazeje@puff
xdds 971022 085726 Enclosure "Problem" added by mblazeje
xdds 971022 085735 N -> A (Assigned-Eval to mblazeje) by mblazeje
xdds 971022 085800 A -> O by mblazeje
xdds 971029 141333 Enclosure "Resolution" added by rmosley

VERIFICATION INFORMATION

Test Status (Pass/Fail)? P

Elapsed test time (hrs): 0

Attachments (Y/N)? N (lsheckle@puff)

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***** Problem *****

Please describe the problem you are experiencing below, including what you did, what you expected to happen, and what actually happened:

Release B does not provide time tolerance scheduling provided by the NCCDS ICD (530-ICD-NCCDS/MOC) Table 7-1. Items 11 & 12 are hard coded as all zeros.

See Attached

Hardy W. Foster
6/6/97

***** Resolution (Added 971009 by dhyde) *****

While the ICD allows us to use Tollerances when scheduling with NCC, there are no PAS requirements for this feature.

If this feature is desired a CCR should be written

***** Verification (Added 971028 by lsheckle) *****

There are no PAS requirements for this at this time, if this feature is required a CCR should be written.

lsheckle 10/28/97

***** Action Taken (Added 971103 by dlevin) *****

Closed by NCR Review Board

11/03/97

RESOLUTION INFORMATION

Resolutions[*]: source code
Resolved by: rmoore
SLOC: 1
Fixing time (hrs): 1
Documentation affected (Y/N)? N
When_fixed:

CLOSING INFORMATION:

Closing accepted by: cwmurphy

TESTING INFORMATION:

Assigned test engineer: ltate

VERIFICATION INFORMATION

Test Status (Pass/Fail)?: P
Elapsed test time (hrs): 1
Attachments (Y/N)? N (lsheckle@puff)

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***** Problem *****

Please describe the problem you are experiencing below, including what you did, what you expected to happen, and what actually happened:

The uplink start and stop times entered from the table generator window does not correspond with the times on the report. Also, the start time on the report does not change from 1900:001:00:00:00 and the stop time is always the current time at which the load was generated.

Debra Wake
7/7/97

***** FUI Analysis (Added 970723 by mwisniew) *****

I've looked at the time values that the Builder sends to CMS. They are the same as the values chosen in the generate dialog. CMS should look into the values they get and what they do with them.

***** Solution (Added 970730 by nclaboug) *****

This was fixed in patch 8.

***** Verification (Added 970804 by lsheckle) *****

Verified times during AT test. Patch 9

ltate (8/4/97)

***** Action Taken (Added 970814 by dlevin) *****
Closed by NCR Review Board.

***** History *****

- xddts 970710 174039 Submitted to FOS_TEST_B by dlevin@puff
- xddts 970710 174233 Enclosure "Problem" added by dlevin
- xddts 970711 094038 N -> A (Assigned-Eval to chunter) by cwmurphy
- xddts 970711 094048 A -> O by cwmurphy
- xddts 970723 150239 Enclosure "FUI Analysis" added by mwisniew
- xddts 970724 102624 Fields modified by rbrauns
- xddts 970730 093035 Enclosure "Solution" added by nclaboug
- xddts 970730 093053 O -> R (Resolution = source code) by
- xddts 970804 184415 R -> T by
- xddts 970804 184422 T -> V by lsheckle
- xddts 970804 184535 Enclosure "Verification" added by lsheckle
- xddts 970811 180027 V -> C by cwmurphy
- xddts 970814 105411 Enclosure "Action Taken" added by dlevin

Bug ID: ECSed04024	FOS_TEST_B	Submitted: 961018
CLOSE defect report		Assigned-Eval: 970228
		Assigned-Fix: 970228
Software: scheduling		6 enclosures

"Parameter value is not saved within Gen. Sched."

DETECTION INFORMATION	ANALYSIS INFORMATION
Detection method[*]: Planned Test	Evaluate engineer: chunter
Detected in phase[*]: System I&T_A2	
Test Case ID: SCH-2020A	Assigned to: dhyde
Build ID: P3	Affect Subsystem[*]: PAS
Platform ID:	Analysis time (hrs): 4
Test Site[*]: EOC	Est. fix time (hrs): 4
Severity (1=Showstopper)[*]: 2	

Related-DR:

SUBMITTER INFORMATION

Submitter: John Clark
Address: jclark@puff

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Bug ID: ECSed04024 FOS_TEST_B Assigned-Verify 970714
CLOSE defect report Verified 970714
Closed 970721

RESOLUTION INFORMATION

Resolutions[*]: source code
Resolved by: lwoods
SLOC: 3
Fixing time (hrs): 4
Documentation affected (Y/N)? N
When_fixed:

CLOSING INFORMATION:

Closing accepted by: cwmurphy

TESTING INFORMATION:

Assigned test engineer: dhyde

VERIFICATION INFORMATION

Test Status (Pass/Fail)?: P
Elapsed test time (hrs): 0
Attachments (Y/N)? N (dhyde@puff)

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***** Problem *****

Please describe the problem you are experiencing below, including what you did, what you expected to happen, and what actually happened:

Changing the parameter value within the general scheduler does not save the parameter value therefore it is not with the command upon scheduling

Stan Washington 10/17/96

Failed Verification.

Stan Washington 02/26/97

***** Analysis (Added 961031 by ereiter) *****

The scheduler was not designed to change the value of the parameter and save it. The scheduler will allow the user to change the parameter on an activity or on a command and then the user must schedule the activity, otherwise the changed parameter will go back to the default value. There is a problem when scheduling parameter changes. When we generate a DAS the commands don't come out with their correct parameters. There is a problem in the ac classes

where a list starts counting using a 1 instead of a zero. This is being fixed.

***** Resolution *****

Please describe your resolution to this problem:

I did not modify the design of the general scheduler. It still displays the default parameter values even after parameters have been modified. We recommend that this panel be redesigned for release B.

I fixed three problems with parameter modifications. Modified parameters are stored with an offset of each command within the activity and the offset of each parameter within the command. Both of these indices start at 1, but the FpLqConverter and FpAcActivity assumed they started at 0. Both of these have been fixed. The General Scheduler also used to crash if parameters were modified, then the activity scheduled and the parameters modified again. This also has been fixed.

Files changed:

FpLqConverter.cc
FpAcActivity.cc
FpGsApplShell.cc

***** Resolution2 (Added 970516 by dhyde) *****

Modified the General Scheduler so that parameter values are saved from each call to open the parameters window.

***** Verification (Added 970714 by dhyde) *****

Modifying parameters with the general scheduler has been thoroughly tested during I&T. Please close NCR

- David

***** Action Taken (Added 970721 by rbrauns) *****

This fix was verified by the FOS integration/test team.

SUBMITTER INFORMATION

Submitter: Ken Cockerill
Address: kcockeri@puff

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Bug ID: ECSed06241 FOS_TEST_B Assigned-Verify 970711
CLOSE defect report Verified 970919
Closed 970923

RESOLUTION INFORMATION

Resolutions[*]: source code
Resolved by: towen
SLOC: 0
Fixing time (hrs): 0
Documentation affected (Y/N)? N
When_fixed:

CLOSING INFORMATION:

Closing accepted by:

TESTING INFORMATION:

Assigned test engineer: skomenda

VERIFICATION INFORMATION

Test Status (Pass/Fail)? P
Elapsed test time (hrs): 1
Attachments (Y/N)? N (skomenda@puff)

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***** Problem *****

Please describe the problem you are experiencing below, including what you did, what you expected to happen, and what actually happened:

ASTER Filter requires method of transmitting original Short Term Schedule or One Day Schedule from the ASTER IST to the EOC if the initial schedule was a late change.

If a late change schedule is processed at the ASTER IST, an event message will notify the FOT at the EOC. The input schedule will be scheduled against a what-if plan. If the EOC determines that the what-if plan was scheduled without constraints then they will need to reprocess the original schedule after unlocking the master plan. However the original schedule will still reside at the ASTER IST and will be needed at the EOC in order to be reprocessed. The original .XFR signal file will also be needed (thus the problem documented in NCR ECSed06240).

Build ID: Affect Subsystem[*]: PAS
Platform ID: Sun Solaris Analysis time (hrs): 0
Test Site[*]: EDF Est. fix time (hrs): 0
Severity (1=Showstopper)[*]: 2

Related-DR: ECSed06241

SUBMITTER INFORMATION

Submitter: Ken Cockerill
Address: kcockeri@puff

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Bug ID: ECSed06240 FOS_TEST_B Assigned-Verify 970711
CLOSE defect report Verified 970919
Closed 970923

RESOLUTION INFORMATION

Resolutions[*]: source code
Resolved by: towen
SLOC: 0
Fixing time (hrs): 0
Documentation affected (Y/N)? N
When_fixed:

CLOSING INFORMATION:

Closing accepted by:

TESTING INFORMATION:

Assigned test engineer: skomenda

VERIFICATION INFORMATION

Test Status (Pass/Fail)? P
Elapsed test time (hrs): 1
Attachments (Y/N)? N (skomenda@puff)

Page 2/2

***** Problem *****

Please describe the problem you are experiencing below, including what you did, what you expected to happen, and what actually happened:

When the ASTER Filter copies it's input data file (Short Term Schedule, One Day Schedule or Request for EOC Schedule) from the polling directory to the holding directory, it deletes the signal file (<same_file_name>.XFR). The signal file should be saved in case this is a late change and the FOT needs to move this file to the EOC. (Reference NCR ECSed06241).

Severity (1=Showstopper)[*]: 2

Related-DR:

SUBMITTER INFORMATION

Submitter: Ken Cockerill
Address: kcockeri@puff

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Bug ID: ECSed06239 FOS_TEST_B Assigned-Verify 970711
CLOSE defect report Verified 970919
Closed 970923

RESOLUTION INFORMATION

Resolutions[*]: source code
Resolved by: towen
SLOC: 0
Fixing time (hrs): 0
Documentation affected (Y/N)? N
When_fixed:

CLOSING INFORMATION:

Closing accepted by:

TESTING INFORMATION:

Assigned test engineer: skomenda

VERIFICATION INFORMATION

Test Status (Pass/Fail)? P
Elapsed test time (hrs): 1
Attachments (Y/N)? N (skomenda@puff)

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***** Problem *****

Please describe the problem you are experiencing below, including what you did, what you expected to happen, and what actually happened:

Currently the PAS Aster Filter process doesn't send result files (i.e. Preliminary Resource File, Activity Schedule, etc.) back to the ASTER GDS. Currently this functionality is stubbed out. Possible solution is to use what DMS is using to send out FDF products to ASTER.

***** Resolution (Added 970527 by towen) *****

ASTER Filter will now call a script that FTPs the result files to an environment variable specified machine & directory. Setting these environment variable to the appropriate values will result in the

SUBMITTER INFORMATION

Submitter: Clyde Hunter
Address: chunter@puff

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Bug ID: ECSed07120 FOS_TEST_B Assigned-Verify 970808
CLOSE defect report Verified 971125
Closed 971201

RESOLUTION INFORMATION

Resolutions[*]: source code
Resolved by: mcampbel
SLOC: 10
Fixing time (hrs): 1
Documentation affected (Y/N)? N
When_fixed:

CLOSING INFORMATION:

Closing accepted by:

TESTING INFORMATION:

Assigned test engineer: skomenda

VERIFICATION INFORMATION

Test Status (Pass/Fail)? P
Elapsed test time (hrs): 2
Attachments (Y/N)? N (tdonoway@puff)

Page 2/2

***** Problem *****

Please describe the problem you are experiencing below, including what you did, what you expected to happen, and what actually happened:

When generating a table load from the FUI Table Load Builder, the wrong objects are being sent to the load catalog process.

FoFmUIntValue is sent for long integer, should be FoFmULongIntValue
FoFmFloatValue is sent for long float, should be FoFmLongFloatValue.

***** Resolution (Added 970612 by mwisniew) *****

The Table Def Server was sending int objects instead of long int objects.
The Table Load Builder now handles long float objects.

SUBMITTER INFORMATION

Submitter: Clyde Hunter
Address: chunter@puff

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Bug ID: ECSed07219 FOS_TEST_B Assigned-Verify 970808
CLOSE defect report Verified 971024
Closed 971028

RESOLUTION INFORMATION

Resolutions[*]: source code
Resolved by: wliu
SLOC: 1
Fixing time (hrs): 1
Documentation affected (Y/N)? N
When_fixed:

CLOSING INFORMATION:

Closing accepted by:

TESTING INFORMATION:

Assigned test engineer: skomenda

VERIFICATION INFORMATION

Test Status (Pass/Fail)? : P
Elapsed test time (hrs): 1
Attachments (Y/N)? Y (skomenda@puff)

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***** Problem *****

Please describe the problem you are experiencing below, including what you did, what you expected to happen, and what actually happened:

When a ground script has stopped and is to be saved automatically to file meta, the directory sent to file meta to indicate the location of the file is /net/beeper/fosb/int/am1/data but FUI has created the file in /net/beeper/fosb/int/am1. This file should not be created in the am1 directory, should be in the data directory.

***** resolution (Added 970806 by wliu) *****

resolution:

problem has been corrected.

WL

SUBMITTER INFORMATION
Submitter: Dawn Levin (Loral)
Address: dlevin@puff

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Bug ID: ECSed08043 FOS_POST_RRR Assigned-Verify 971113
CLOSE defect report Verified 971121
Closed 971128

RESOLUTION INFORMATION CLOSING INFORMATION:
Resolutions[*]: process Closing accepted by:
Resolved by: cchachul
SLOC: 0
Fixing time (hrs): 1
Documentation affected (Y/N)? Y
When_fixed: 2.0.3

TESTING INFORMATION:
Assigned test engineer: skomenda

VERIFICATION INFORMATION
Test Status (Pass/Fail)? P
Elapsed test time (hrs): 1
Attachments (Y/N)? N (lsheckle@puff)

Page 2/2

***** Problem *****

Please describe the problem you are experiencing below, including what you did, what you expected to happen, and what actually happened:

The syplan raid is only hosted to one (1) front end processor. Due to the configuration there can be only one (1) front end processor hosted syplan side doesn't have a redundant configuration.

Reference req # F-HRD-03040

Nancy Herndon
7/28/97

***** Resolution (Added 971112 by cchachul) *****

An RTM CCR has been generated which adds the following clarification text to requirement F-HRD-03040:

F-HRD-03040 The RAID unit shall be network attached or hosted to a minimum of 2 front-end processors.

Clarification text: This requirement only applies to the RAID on the operations LAN.

***** Verified (Added 971121 by cchachul) *****

The requirement is verified.

-- Carol Chachulski 11/21/97

***** Action Taken (Added 971128 by bseaman) *****

Closed by NCR Review Board

11/24/97

***** History *****

xdds 970730 112349 Submitted to FOS_TEST_B by dlevin@puff
xdds 970730 112545 Enclosure "Problem" added by dlevin
xdds 970730 153615 Fields modified by cwmurphy
xdds 970730 153749 N -> A (Assigned-Eval to scottc) by cwmurphy
xdds 970730 154251 A -> O by cwmurphy
xdds 970730 173604 O -> O by sfirth
xdds 971112 131746 Enclosure "Resolution" added by cchachul
xdds 971113 110652 O -> R (Resolution = process) by
xdds 971113 110658 R -> T by
xdds 971121 145132 Enclosure "Verified" added by cchachul
xdds 971121 180321 T -> V by lsheckle
xdds 971128 115630 V -> C by
xdds 971128 115644 Enclosure "Action Taken" added by bseaman

Bug ID: ECSed08718
CLOSE defect report

FOS_TEST_B

Submitted: 970831

Assigned-Eval: 970831

Assigned-Fix: 970902

Software: command

3 enclosures

"Cannot schedule load uplinks within a locked DAS"

DETECTION INFORMATION

Detection method[*]: Planned Test
Detected in phase[*]: Acceptance Test
Test Case ID: PAS-2110B
Build ID: P11
Platform ID: Sun/Support
Test Site[*]: EOC
Severity (1=Showstopper)[*]: 2

ANALYSIS INFORMATION

Evaluate engineer: chunter
Assigned to: dhyde
Affect Subsystem[*]: PAS
Analysis time (hrs): 0
Est. fix time (hrs): 1

Related-DR:

SUBMITTER INFORMATION

Submitter: lsheckle
Address: lsheckle@puff

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Bug ID: ECSed08718
CLOSE defect report

FOS_TEST_B

Assigned-Verify 970912

Verified 970912

Closed 970923

RESOLUTION INFORMATION

Resolutions[*]: not a bug
Resolved by: dhyde
SLOC: 0
Fixing time (hrs): 1
Documentation affected (Y/N)? N
When_fixed: 2.0.2

CLOSING INFORMATION:

Closing accepted by:

TESTING INFORMATION:

Assigned test engineer: chunter

VERIFICATION INFORMATION

Test Status (Pass/Fail)? : P
Elapsed test time (hrs): 1
Attachments (Y/N)? N (chunter@puff)

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***** Problem *****

Please describe the problem you are experiencing below, including what you did, what you expected to happen, and what actually happened:

During ATC Load gen. the load uplinks are scheduled during the previous locked DAS period. Scheduling load uplinks through the load scheduler will not allow the user to schedule in a locked DAS period.

Stan Washington
8/27/97

***** Resolution (Added 970902 by dhyde) *****

This is correct. The only time that a user can schedule uplinks on a locked portion of the plan is thru uplinking a newly created DAS. In this case, the plan is automatically unlocked, the contacts scheduled, the plan relocked, then a special uplink message sent to CMS to add those uplinks to the ground schedule.

The only way to schedule uplinks on a locked portion of the plan is to manually unlock the plan, schedule the uplinks, and then generate a late-change so that CMS can incorporate the changes into the ground schedule.

- David

***** Action Taken (Added 970923 by dlevin) *****

Closed by NCR Review Board.

Dawn Turner
9/23/97

***** History *****

xddts 970831 192955 Submitted to FOS_TEST_B by lsheckle@puff
xddts 970831 193102 Enclosure "Problem" added by lsheckle
xddts 970831 195731 Fields modified by cwmurphy
xddts 970831 195745 N -> A (Assigned-Eval to chunter) by cwmurphy
xddts 970902 152154 Enclosure "Resolution" added by dhyde
xddts 970902 152202 A -> O by dhyde
xddts 970902 152209 O -> R (Resolution = not a bug) by
xddts 970912 095811 R -> T by
xddts 970912 095813 T -> V by chunter
xddts 970923 132420 V -> C by
xddts 970923 132448 Enclosure "Action Taken" added by dlevin

Bug ID: ECSed07217
CLOSE defect report

FOS_TEST_B

Submitted: 970618

Assigned-Eval: 970618

Assigned-Fix: 970618
3 enclosures

Software: command

"Ground Script Controller Dies"

DETECTION INFORMATION

ANALYSIS INFORMATION

Detection method[*]: Planned Test Evaluate engineer: chunter
Detected in phase[*]: Integration
Test Case ID: Assigned to: kfregeol
Build ID: B_P6 Affect Subsystem[*]: FUI
Platform ID: googoo Analysis time (hrs): 1
Test Site[*]: EDF Est. fix time (hrs): 1
Severity (1=Showstopper)[*]: 2

Related-DR:

SUBMITTER INFORMATION

Submitter: Clyde Hunter
Address: chunter@puff

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Bug ID: ECSed07217 FOS_TEST_B Assigned-Verify 970808
CLOSE defect report Verified 971109
Closed 971110

RESOLUTION INFORMATION

CLOSING INFORMATION:

Resolutions[*]: source code Closing accepted by: lsheckle
Resolved by: wliu
SLOC: 10
Fixing time (hrs): 1
Documentation affected (Y/N)? N
When_fixed:

TESTING INFORMATION:

Assigned test engineer: skomenda

VERIFICATION INFORMATION

Test Status (Pass/Fail)? : P
Elapsed test time (hrs): 1
Attachments (Y/N)? Y (skomenda@puff)

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***** Problem *****

Please describe the problem you are experiencing below, including what you did, what you expected to happen, and what actually happened:

Sent a command after issuing FOP INIT NOCHECK.

When I went to send the second command, the ground script controller would not send the command.

Kill that ground script from the window. Closed the command control window and brought it back up from the tools button on the control window.

After entering in the string and sc id, the message appeared
GS has 0 or more than one entry in the name server.

Looked on the real time server googoo and the ground script controller had stopped running.

***** resolution (Added 970728 by wliu) *****

resolution:

Problem has been fixed in patch 10.

***** Action Taken (Added 971110 by lsheckle) *****

Closed by NCR Review Board.

lsheckle 11/10/97

***** History *****

xdds 970618 075732 Submitted to FOS_TEST_B by chunter@puff
xdds 970618 080011 Enclosure "Problem" added by chunter
xdds 970618 080037 N -> A (Assigned-Eval to chunter) by chunter
xdds 970618 080042 A -> A (Assigned-Eval to chunter) by chunter
xdds 970618 080051 A -> O by chunter
xdds 970618 080102 O -> O by chunter
xdds 970708 093536 Fields modified by rbrauns
xdds 970728 132935 Enclosure "resolution" added by wliu
xdds 970728 134832 O -> R (Resolution = source code) by
xdds 970808 145340 R -> T by
xdds 971109 180818 T -> V by skomenda
xdds 971110 141948 V -> C by lsheckle
xdds 971110 142045 Enclosure "Action Taken" added by lsheckle

Please describe the problem you are experiencing below, including what you did, what you expected to happen, and what actually happened:

When user brings up the table template selection(in the table builder) selected spacecraft and then selected subsystem and then reselected S/C id, the window crashed. User was able to bring the window backup. User was able to repeat this 5 time

D.Wake 11/2/96

***** Analysis *****

Please describe your analysis to this problem:

A bug in the option menu may be causing the problem.

***** Resolution (Added 970604 by mwisniew) *****

The option menu is no longer available in the situation where the error occurred. Also the option menu code was fixed by Flip.

***** verification (Added 970711 by chunter) *****

Was able to create table loads in preparation of ECT2 and also during ECT2.

***** Action Taken (Added 970715 by cramsey) *****

This fix was verified by the integration team.

***** History *****

xdds 961106 205823 Submitted to FOS_TEST_A by jclark@puff
xdds 961106 210334 Enclosure "Problem" added by jclark
xdds 961114 110646 N -> A (Assigned-Eval to mcampbel) by mcampbel
xdds 961114 110729 Enclosure Analysis added by mwisniewski
xdds 961114 110729 A -> O by mcampbel
xdds 961114 110735 Fields modified by mcampbel
xdds 961123 183141 Fields modified by cwmurphy
xdds 970128 160721 Fields modified by cwmurphy
xdds 970131 164404 Fields modified by lsheckle
xdds 970312 170805 Fields modified by cramsey

TESTING INFORMATION:

Assigned test engineer: chunter

VERIFICATION INFORMATION

Test Status (Pass/Fail)? : P

Elapsed test time (hrs): 1

Attachments (Y/N)? N (chunter@puff)

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***** Problem *****

Please describe the problem you are experiencing below, including what you did, what you expected to happen, and what actually happened:

When executing a ground script, a stored command (indicated by a %), hangs the command control window. Must suspend execution, disable the command, and then resume execution.

***** resolution (Added 970728 by wliu) *****

resolution:

problem has been fixed

***** Verification (Added 970808 by chunter) *****

Tested with patch 9 and all is well

al Hunter

***** Action Taken (Added 970814 by dlevin) *****

Closed By NCR Review Board.

***** History *****

xdds 970610 160513 Submitted to FOS_INTEGR_B by chunter@puff
xdds 970610 160615 Enclosure "Problem" added by chunter
xdds 970610 160643 N -> A (Assigned-Eval to chunter) by chunter
xdds 970610 160654 A -> O by chunter
xdds 970708 092635 Fields modified by rbrauns
xdds 970728 133028 Enclosure "resolution" added by wliu

Documentation affected (Y/N)? N
When_fixed:

TESTING INFORMATION:
Assigned test engineer: Itate

VERIFICATION INFORMATION
Test Status (Pass/Fail)? P
Elapsed test time (hrs): 1
Attachments (Y/N)? N (lsheckle@puff)

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***** Problem *****

Please describe the problem you are experiencing below, including what you did, what you expected to happen, and what actually happened:

Attempted to delete a load catalog entry for a table load. The question dialog appears, the user clicked `No' and the system does not respond. The dialog box freezes, the table deletion window also freezes. The only way to exit is to select Quit from the File pull down menu on the table load builder.

Debra Wake
7/7/97

***** Resolution (Added 970724 by rbrauns) *****

Fixed by adding a callback function for the question Dialog box deletion

***** Verification (Added 970804 by lsheckle) *****

Tested during AT and verified the problem does not exist in patch 9.

Itate (8/4/97)

***** Action Taken (Added 970814 by dlevin) *****

Closed by NCR Review Board.

***** History *****

Fixing time (hrs): 1
Documentation affected (Y/N)? N
When_fixed: 2.0.0

TESTING INFORMATION:

Assigned test engineer: wscannel

VERIFICATION INFORMATION

Test Status (Pass/Fail)? : P
Elapsed test time (hrs): 1
Attachments (Y/N)? N (dchannel@puff)

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***** Problem *****

Please describe the problem you are experiencing below, including what you did, what you expected to happen, and what actually happened:

ECL Directive "Limits off String = 100 had to be entered 4 times before it finally reconfigured the string and turned limits off.

Rick Scannel
8/8/97

***** resolution (Added 970826 by yadeleka) *****

Modified the FuCILEX.l class to stop matching the newline () at the end of the every directive.

***** Verification (Added 971125 by dchannel) *****

Limits were successfully turned off on the first attempt using the ECL directive: LIMITS OFF STRING=100. (Patch 2.0.4)

Dave Channell 11/24/97

***** Action Taken (Added 971201 by bseaman) *****

Closed by NCR Review Board

12/1/97

Resolutions[*]: source code Closing accepted by:
Resolved by: kfregeol
SLOC: 10
Fixing time (hrs): 1
Documentation affected (Y/N)? N
When_fixed:

TESTING INFORMATION:
Assigned test engineer: skomenda

VERIFICATION INFORMATION
Test Status (Pass/Fail)? : P
Elapsed test time (hrs): 1
Attachments (Y/N)? N (skomenda@puff)

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***** Problem *****

Please describe the problem you are experiencing below, including what you did, what you expected to happen, and what actually happened:

Took initial command control on fossws12. Brought up command control window initialized FOP, sent command LAST_TURN_OFF_C_SDP Took command control on fossws 22. Command Control window came up ok with the ground script. Enter Command /AST_TURN_ON_C_SDP. The command came up at the top of the ground script. When Resume was clicked, the command at the bottom of the ground script was marked for send/cancel. The Command /AST_TURN_ON_C_SDP should have been inserted at the bottom of the ground script and be marked for send/cancel.

Bill Hill
6/3/97

***** Resolution (Added 970724 by rbrauns) *****

The index has been fixed

***** Action Taken (Added 970923 by dlevin) *****

Closed by NCR Review Board.

Dawn Turner
9/23/97

Fixing time (hrs): 1
Documentation affected (Y/N)? N
When_fixed:

TESTING INFORMATION:
Assigned test engineer: bhill

VERIFICATION INFORMATION
Test Status (Pass/Fail)? P
Elapsed test time (hrs): 1
Attachments (Y/N)? N (lsheckle@puff)

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***** Problem *****

Please describe the problem you are experiencing below, including what you did, what you expected to happen, and what actually happened:

After taking command authority, although authorization is granted, messages indicate Invalid User ID user not authorized. Took command authority again and the message indicates `already has command authority'.

Luvetta Tate
7/22/97

***** Verification (Added 970804 by lsheckle) *****

Messages did not occur incorrectly during AT. Errors were unreproducible.

bhill (8/4/97)

***** Action Taken (Added 970814 by dlevin) *****

Closed by NCR Review Board.

***** History *****

xdds 970730 084831 Submitted to FOS_TEST_B by dlevin@puff
xdds 970730 085059 Enclosure "Problem" added by dlevin
xdds 970730 090508 N -> A (Assigned-Eval to chunter) by cwmurphy
xdds 970804 173638 A -> O by lsheckle
xdds 970804 173713 O -> R (Resolution = unreproducible) by
xdds 970804 173720 R -> T by
xdds 970804 173731 T -> V by lsheckle

VERIFICATION INFORMATION

Test Status (Pass/Fail)?: P

Elapsed test time (hrs): 0.5

Attachments (Y/N)? Y (jtsou@puff)

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***** Problem *****

Please describe the problem you are experiencing below, including what you did, what you expected to happen, and what actually happened:

***** Add (Added 971124 by jtsou) *****

This NCR was verified on 11/22/97. Files were ftped from beeper to sherli1.

Jack Tsou

11/24/97

***** Action Taken (Added 971201 by bseaman) *****

Closed by NCR Review Board

12/1/97

***** History *****

xddts 971030 152315 Submitted to FOS_POST_RRR by jtsou@puff
xddts 971030 152516 Enclosure "Problem" added by jtsou
xddts 971110 113251 N -> A (Assigned-Eval to lsheckle) by lsheckle
xddts 971110 113335 A -> O by lsheckle
xddts 971110 113452 O -> R (Resolution = not a bug) by
xddts 971111 143217 Fields modified by lsheckle
xddts 971111 143628 R -> T by
xddts 971124 130959 T -> V by jtsou
xddts 971124 131247 Enclosure "Add" added by jtsou
xddts 971201 153329 V -> C by
xddts 971201 153344 Enclosure "Action Taken" added by bseaman

***** Problem *****

Please describe the problem you are experiencing below, including what you did, what you expected to happen, and what actually happened:

Selected User Setup/Resources - and chose the resources I wanted to have on the timeline. Selected Apply & Ok. The resources selected were not applied to the timeline.

***** Analysis *****

Please describe your analysis to this problem:

***** Resolution (Added 970428 by tcollins) *****

The Timeline's Resource Editor has been modified in Rel B. The modifications included the ability to add/modify/remove resources from the main region.

The Rel B User's Manual will be updated to include the changes to the Resource Editor.

***** History *****

xdds 960801 075732 Submitted to FOS_INTEGR_A by tbrandt@puff
xdds 960801 075852 Enclosure "Problem" added by tbrandt
xdds 960802 131235 Fields modified by dhyde
xdds 960802 131414 N -> A (Assigned-Eval to dhyde) by dhyde
xdds 960802 131428 Enclosure Analysis added by tcollins
xdds 960802 131428 A -> O by dhyde
xdds 960820 122421 Fields modified by kcockeri
xdds 960912 151747 Forwarded from FOS_INTEGR_A to FOS_TEST_A by dlevin
xdds 960930 174929 Fields modified by dlevin
xdds 961024 162530 Forwarded from FOS_TEST_A to From_A by dlevin
xdds 961024 162546 N -> A (Assigned-Eval to dhyde) by dlevin
xdds 961024 162547 A -> O by dlevin
xdds 970128 164018 Fields modified by cwmurphy
xdds 970131 135021 Fields modified by cwmurphy
xdds 970312 155104 Fields modified by cramsey
xdds 970312 155621 Fields modified by cramsey
xdds 970428 145432 O -> R (Resolution = source code) by
xdds 970428 145656 Enclosure "Resolution" added by tcollins
xdds 970711 151221 R -> T by
xdds 970805 102006 T -> V by dlevin
xdds 970805 102008 V -> C by

***** Problem *****

Please describe the problem you are experiencing below, including what you did, what you expected to happen, and what actually happened:

User roles were not available therefore user privileges for load generation was not tested during the following tests.

CMS-2040B
CMS-2060B
CMS-2090B
CMS-2170B

Applicable requirement: F-FUI-05710 and F-FUI-05200

Carol Chachulski
8/30/97

***** Test Case Enclosure (Added 970922 by chunter) *****
moved to 'T' state and assigned to sharon since it involves a test case.

Al Hunter
9/22/97

***** Verification (Added 971125 by skomenda) *****
The two requirements F-FUI-05200 and F-FUI-05710 have been mapped to test case FUI-3000FPB User Roles. This test case will be run for release 2.1.0

-sharon komenda

***** Action Taken (Added 971201 by bseaman) *****
Closed by NCR Review Board

12/1/97

***** History *****

xdds 970831 181031 Submitted to FOS_TEST_B by lsheckle@puff
xdds 970831 181204 Enclosure "Problem" added by lsheckle

Documentation affected (Y/N)? N
When_fixed: 2.0.4

TESTING INFORMATION:
Assigned test engineer: skomenda

VERIFICATION INFORMATION
Test Status (Pass/Fail)? P
Elapsed test time (hrs): 1
Attachments (Y/N)? N (jrubenac@puff)

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***** Problem *****

Please describe the problem you are experiencing below, including what you did, what you expected to happen, and what actually happened:

String 100 (Real-Time, Operational string) was created automatically by Real-Time Server. Created a Real-Time, Test string (String 101). Invoked the Command Control Window (CCW). After entering CCW dialog box information (String=101, S/C=AM1), received the following error dialog: "G/S Proxy initialization failed: Found 0 or more than 1 G/S Controller." The CCW was also blank, so no commanding could be done. Then tried to command using String 100, but received the same results. Deleted String 101, and then was able to command using String 100.

This is a FUI problem and I am reassigning it to Win Liu. - Don Hurd

***** resolution (Added 971112 by wliu) *****

resolution:

fixed in 2.0.4

***** Verification (Added 971126 by jrubenac) *****

Commanding successful on Strings 101 and 100 when both strings were up concurrently.

John Rubenacker
Mini-EOC/R 2.0.4
Nov. 26, 1997

Bug ID: ECSed08545
CLOSE defect report

FOS_POST_RRR Assigned-Verify 971112
Verified 971124
Closed 971128

RESOLUTION INFORMATION

Resolutions[*]: source code
Resolved by: towen
SLOC: 0
Fixing time (hrs): 4
Documentation affected (Y/N)? N
When_fixed: 2.0.2

CLOSING INFORMATION:

Closing accepted by:

TESTING INFORMATION:

Assigned test engineer: skomenda

VERIFICATION INFORMATION

Test Status (Pass/Fail)? : P
Elapsed test time (hrs): 0
Attachments (Y/N)? N (dhyde@puff)

***** Problem *****

Please describe the problem you are experiencing below, including what you did, what you expected to happen, and what actually happened:

- 1) PRS ACS 1999165100-The Aster activity id field has more than 7 bytes and with negative number.
- 2)The # of scheduling resources shows 00 and no scheduling resource is shown.
- 3) PRS ACS 1999165200 No resources name and activity id are shown for the CON records. No constraining activity name is shown.

Jack Tsou
8/21/97

***** Resolution (Added 971003 by towen) *****

Resolutions are as follows:

- 1) modified FpFsFileProd::storeActRec to check for the presence of an ASTER activity ID in the source file. If the ID exists, it will be used in the results file, otherwise the results file will have

blanks in the ASTER activity id field.

- 2) This is not a bug. According to Table 5-1 of the ASTER ICD, in the description for the field Number of Scheduling Resources, it states " This field only applies to the STS and the ODS. This field will be set to zero for Request for EOC Schedules, Preliminary Resource Schedule, Activity Schedule, and Detailed Activity Schedule." Furthermore, in the description of Scheduling Resources, it states "This field repeats (occurrences = "Number of Scheduling Resources" [previous field])." Since the previous field must be zero, there must be zero Scheduling Resources fields.
- 3) Modified FpFsFileProd::storeConstraints to show constraining resource name, and to show constraining activity and constraining activity id if they exist. Submitted CCR for the ASTER ICD to clarify descriptions of fields in constraint records, and to clarify when fields are filled in/ left blank.

Thomas Owen
10/3/97

***** Verification (Added 971123 by towen) *****
Verified ASTER activity ID fields are correctly filled in.

Verified that constraining resource name is filled in, and constraining activity if appropriate.

Verified with version 2.04 using pdb 14

Thomas Owen
11/23/97

***** Action Taken (Added 971128 by bseaman) *****
Closed by NCR Review Board

11/24/97

***** History *****

xdds 970825 153726 Submitted to FOS_TEST_B by dlevin@puff
xdds 970825 154509 Enclosure "Problem" added by dlevin
xdds 970825 183527 N -> A (Assigned-Eval to chunter) by cwmurphy
xdds 970826 170059 A -> O by dhyde
xdds 970919 103747 Fields modified by douglass
xdds 970919 103930 Fields modified by douglass
xdds 970919 104403 enclosure "Problem" edited by douglass

TESTING INFORMATION:

Assigned test engineer: skomenda

VERIFICATION INFORMATION

Test Status (Pass/Fail)? : P

Elapsed test time (hrs): 1

Attachments (Y/N)? N (lsheckle@puff)

Page 2/2

***** Problem *****

Please describe the problem you are experiencing below, including what you did, what you expected to happen, and what actually happened:

Udate the control window allow the user to start the PAS tools instead of the user station startup.

AI Hunter

***** Resolution (Added 971029 by rmosley) *****

Login has been added to the Environment Controller to launch PAS Windows from the Control Window.

***** Action Taken (Added 971201 by bseaman) *****

Closed by NCR Review Board

12/1/97

***** History *****

xdds 971009 133914 Submitted to FOS_TEST_B by chunter@puff
xdds 971009 133946 Enclosure "Problem" added by chunter
xdds 971009 133958 N -> A (Assigned-Eval to rmosley) by chunter
xdds 971009 134017 A -> O by chunter
xdds 971009 134028 O -> A (Assigned-Eval to chunter) by chunter
xdds 971009 134033 A -> O by chunter
xdds 971029 132845 Enclosure "Resolution" added by rmosley
xdds 971030 163241 O -> R (Resolution = source code) by
xdds 971112 133818 R -> T by
xdds 971122 133632 T -> V by lsheckle
xdds 971201 152839 V -> C by
xdds 971201 152848 Enclosure "Action Taken" added by bseaman

***** Problem *****

Please describe the problem you are experiencing below, including what you did, what you expected to happen, and what actually happened:

The data mover can not change directories. The receive & send screens offer various directories in which to select files. It was unable to change to any of the options.

The configuration files need to be created for both the EOC and mini-EOC.

***** Verification (Added 971126 by jrubenac) *****

A selected directory type now displays the directory path and its contents.

John Rubenacker
Mini-EOC/R 2.0.4
Nov. 26, 1997

***** Action Taken (Added 971201 by bseaman) *****

Closed by NCR Review Board

12/1/97

***** History *****

xdds 970815 163021 Submitted to FOS_TEST_B by tbrandt@puff
xdds 970815 163149 Enclosure "Problem" added by tbrandt
xdds 970815 165953 Fields modified by tbrandt
xdds 970815 170142 enclosure "Problem" edited by tbrandt
xdds 970817 102124 Fields modified by cwmurphy
xdds 970817 102205 N -> A (Assigned-Eval to scottc) by cwmurphy
xdds 970818 092701 A -> O by scottc
xdds 970818 093305 Fields modified by scottc
xdds 971012 144701 O -> O by tbrandt
xdds 971126 165901 O -> R (Resolution = unreproducible) by
xdds 971126 165923 R -> T by
xdds 971126 165940 T -> V by lsheckle
xdds 971126 170248 Enclosure "Verification" added by jrubenac
xdds 971201 114810 V -> C by
xdds 971201 114820 Enclosure "Action Taken" added by bseaman

***** Problem *****

Please describe the problem you are experiencing below, including what you did, what you expected to happen, and what actually happened:

MSS (Replaced by Tivoli) does not receive changes in EOC component statuses from the EOC. (Rqmt F-RMS-03090)
This was discussed with Carol Chachulski and Shawn Firth on 8/22/97.

John Rubenacker
8/23/97

***** Resolution (Added 971112 by cchachul) *****

As part of the CSMS contingency implementation, the FOS has implemented its own local status monitoring capability using Tivoli. FOS has implemented an extension to Tivoli which generates FOS event messages whenever changes to EOC component statuses are detected. This direct EOC notification is in lieu of using the SCDOmanaged process framework to report component status information to the LSM/MSS/SMC.

As a result of this change in implementation, an RTM CCR has been generated which deletes the following requirement:
F-RMS-03090 The EOC shall provide the MSS with changes in EOC component statuses.

***** Verified (Added 971121 by cchachul) *****

The resolution has been verified.

-- Carol Chachulski 11/21/97

***** Action Taken (Added 971128 by bseaman) *****

Closed by NCR Review Board

11/24/97

***** History *****

xdds 970831 132038 Submitted to FOS_TEST_B by dlevin@puff
xdds 970831 132158 Enclosure "Problem" added by dlevin

TESTING INFORMATION:

Assigned test engineer: skomenda

VERIFICATION INFORMATION

Test Status (Pass/Fail)?: P

Elapsed test time (hrs): 1

Attachments (Y/N)? N (jrubenac@puff)

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***** Problem *****

Please describe the problem you are experiencing below, including what you did, what you expected to happen, and what actually happened:

I took ground control, and the following event message was displayed

Ground Control Authority has changed from EcDNull to fostest2 for string EcDNull (see attachment)

This message should reference String 100

John Rubenacker

7/28/97

***** Resolution (Added 971002 by rgriffit) *****

Added the String ID and modified the following file.

FrGrGroundControlAuthorityRequest.C

Rich Griffith

***** Verification (Added 971030 by jrubenac) *****

John Rubenacker

Oct. 28, 1997

Mini-EOC/R 2.0.1

After taking Ground Control, the event message was displayed with the correct String Id.

***** Action Taken (Added 971103 by dlevin) *****

Bug ID: ECSed07306
CLOSE defect report

FOS_TEST_B

Assigned-Verify 970808

Verified 971118

Closed 971128

RESOLUTION INFORMATION

CLOSING INFORMATION:

Resolutions[*]: source code

Closing accepted by:

Resolved by: dhurd

SLOC: 20

Fixing time (hrs): 16

Documentation affected (Y/N)? N

When_fixed:

TESTING INFORMATION:

Assigned test engineer: skomenda

VERIFICATION INFORMATION

Test Status (Pass/Fail)? P

Elapsed test time (hrs): 1

Attachments (Y/N)? N (skomenda@puff)

Page 2/2

***** Problem *****

Please describe the problem you are experiencing below, including what you did, what you expected to happen, and what actually happened:

More problems have been found in FOP CLCW processing that cause misleading error messages or diagnostic messages to be output. Changes need to be made FcCmFopInitializeWithBc and FcCmFopInitializeWithoutBc to not be concerned with "nnr", the sequence number of the last frame on the verification queue, since when you are initializing the queue is empty anyway, causing the flaky messages and response. Also, in some cases, the proper response is not being sent back to RMS, from where FOP gets the FOP directive messages.

***** Resolution (Added 970716 by dhurd) *****

FOP state machine classes FcCmFopState, FcCmFopInitializeWithBc, and FcCmFopInitializeWithoutBc were modified to fix several bugs regarding CLCW processing during FOP initialization.

***** Action Taken (Added 971128 by bseaman) *****

Closed by NCR Review Board

11/24/97

RESOLUTION INFORMATION

Resolutions[*]: process
Resolved by: cchachul
SLOC: 0
Fixing time (hrs): 0
Documentation affected (Y/N)? Y
When_fixed: 2.0.3

CLOSING INFORMATION:

Closing accepted by:

TESTING INFORMATION:

Assigned test engineer: skomenda

VERIFICATION INFORMATION

Test Status (Pass/Fail)? P
Elapsed test time (hrs): 1
Attachments (Y/N)? N (mblazeje@puff)

Page 2/2

***** Problem *****

The analysis request window and the analysis request process do not allow the operator to specify "housekeeping, health+Safety, or Standby" for the analysis requests. Housekeeping is always selected.

Affected Requiemensts: F-DMS-00770

Carol Chachulski 4/6/97

***** Resolution (Added 971112 by cchachul) *****

Currently, the FOS merges housekeeping, health & safety, and standby telemetry into the same archive. Therefore, the user cannot specify "Data Type (housekeeping, health & safety, standby) as a parameter when retrieving telemetry for analysis or data replay.

An RTM CCR has been generated which modifies the requirement text of F-DMS-00770 to delete item d. The new text of the requirement is as follows:

F-DMS-00770 The FOS shall provide the capability to retrieve archived telemetry by specifying the following:

- a. Spacecraft start time
- b. Spacecraft stop time
- c. (deleted)
- d. (deleted)
- e. Spacecraft identifier (if applicable).

***** Verification (Added 971121 by mblazeje) *****

Verified by Brenda Appelbaum in mini-EOC

release 2.0.4

11/21/97

***** Action Taken (Added 971128 by bseaman) *****

Closed by NCR Review Board

11/24/97

***** History *****

xddts 970429 141758 Submitted to FOS_INTEGR_B by rtrejo@puff

xddts 970429 142119 Enclosure "Problem" added by rtrejo

xddts 970430 084531 N -> A (Assigned-Eval to krobair) by cwilliam

xddts 970709 082147 A -> O by rbrauns

xddts 970709 082158 Fields modified by rbrauns

xddts 971012 154742 O -> O by tbrandt

xddts 971112 111417 Enclosure "Resolution" added by cchachul

xddts 971113 110317 O -> R (Resolution = process) by

xddts 971113 110325 R -> T by

xddts 971121 154153 T -> V by mblazeje

xddts 971121 154308 Enclosure "Verification" added by mblazeje

xddts 971128 112920 V -> C by

xddts 971128 112933 Enclosure "Action Taken" added by bseaman

Bug ID: ECSed09390

FOS_POST_RRR

Submitted: 971014

CLOSE defect report

Assigned-Eval: 971016

Assigned-Fix: 971016

Software: analysis req

4 enclosures

"Pair Time Selector does not work properly"

DETECTION INFORMATION

ANALYSIS INFORMATION

Detection method[*]: Unplanned Test Evaluate engineer: wliu

Detected in phase[*]: System I&T B

Test Case ID: Assigned to: wliu

Build ID: Affect Subsystem[*]: FUI

Platform ID: Analysis time (hrs): 1
Test Site[*]: EDF Est. fix time (hrs): 1
Severity (1=Showstopper)[*]: 2

Related-DR:

SUBMITTER INFORMATION

Submitter: wliu
Address: wliu@puff

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Bug ID: ECSed09390 FOS_POST_RRR Assigned-Verify 971112
CLOSE defect report Verified 971121
Closed 971201

RESOLUTION INFORMATION

Resolutions[*]: source code
Resolved by: wliu
SLOC: 10
Fixing time (hrs): 1
Documentation affected (Y/N)? N
When_fixed: 2.0.2

CLOSING INFORMATION:

Closing accepted by:

TESTING INFORMATION:

Assigned test engineer: skomenda

VERIFICATION INFORMATION

Test Status (Pass/Fail)? P
Elapsed test time (hrs): 1
Attachments (Y/N)? N (mblazeje@puff)

Page 2/2

***** Problem *****

Please describe the problem you are experiencing below, including what you did, what you expected to happen, and what actually happened:

- a) The pair time selector does not allow user to enter different times within the same day. An error dialog pops up saying that the start date must be less than the stop date.
- b) when the pair time selector pops up, there are default values for the start date and stop date, when user tried to enter a starting date larger than the default stop date and hit return which is required, an error dialog window popped up saying "start date must be greater than stop date", A workaround for this problem is to change the stop date first then change the start date.

***** resolution (Added 971014 by wliu) *****

resolution:

Problem fixed.

wliu

***** Verification (Added 971121 by mblazeje) *****

Verified by Brenda Appelbaum in mini-EOC release 2.0.4.

11/21/97

***** Action Taken (Added 971201 by bseaman) *****

Closed by NCR Review Board

12/1/97

***** History *****

xdds 971014 094706 Submitted to FOS_TEST_B by wliu@puff
xdds 971014 100618 Enclosure "Problem" added by wliu
xdds 971014 100742 Enclosure "resolution" added by wliu
xdds 971016 091404 N -> A (Assigned-Eval to wliu) by cwilliam
xdds 971016 091414 A -> O by cwilliam
xdds 971016 091430 O -> R (Resolution = source code) by
xdds 971112 133959 R -> T by
xdds 971121 153745 T -> V by mblazeje
xdds 971121 153834 Enclosure "Verification" added by mblazeje
xdds 971201 152926 V -> C by
xdds 971201 152933 Enclosure "Action Taken" added by bseaman

Bug ID: ECSed08448
CLOSE defect report

FOS_POST_RRR

Submitted: 970822

Assigned-Eval: 970822

Assigned-Fix: 971012

Software: analysis rpt

3 enclosures

"Carryout Files cannot be found when Carryout is generated"

DETECTION INFORMATION

ANALYSIS INFORMATION

Detection method[*]: Planned Test Evaluate engineer: cramsey
Detected in phase[*]: System I&T B
Test Case ID: Assigned to: richardm
Build ID: B Affect Subsystem[*]: ANA
Platform ID: Analysis time (hrs): 1
Test Site[*]: EDF Est. fix time (hrs): 1
Severity (1=Showstopper)[*]: 2

Related-DR:

SUBMITTER INFORMATION

Submitter: krobair
Address: krobair@puff

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Bug ID: ECSed08448 FOS_POST_RRR Assigned-Verify 971111
CLOSE defect report Verified 971122
Closed 971128

RESOLUTION INFORMATION

CLOSING INFORMATION:

Resolutions[*]: configuration Closing accepted by:
Resolved by:
SLOC: 1
Fixing time (hrs): 1
Documentation affected (Y/N)? N
When_fixed: 2.0.1

TESTING INFORMATION:

Assigned test engineer: skomenda

VERIFICATION INFORMATION

Test Status (Pass/Fail)? P
Elapsed test time (hrs): 1
Attachments (Y/N)? N (nherndon@puff)

Page 2/2

***** Problem *****

Carryout files are not placed in the proper location.

***** Verification (Added 971122 by nherndon) *****

Verified Fixed 11/22/1997 Mini EOC 2.0.4

Test Case ID: TLM 2170B 2090B Assigned to: kchristo
Build ID: Patch 8 & 9 Affect Subsystem[*]: TLM
Platform ID: PythonViperPerchSthd Analysis time (hrs): 1
Test Site[*]: EOC Est. fix time (hrs): 1
Severity (1=Showstopper)[*]: 2

Related-DR:

SUBMITTER INFORMATION

Submitter: Dawn Levin (Loral)
Address: dlevin@puff

Page 1/2

Bug ID: ECSed08199 FOS_TEST_B Assigned-Verify 970820
CLOSE defect report Verified 970919
Closed 970923

RESOLUTION INFORMATION

Resolutions[*]: design
Resolved by: dgrimes
SLOC: 10
Fixing time (hrs): 1
Documentation affected (Y/N)? N
When_fixed:

CLOSING INFORMATION:

Closing accepted by:

TESTING INFORMATION:

Assigned test engineer: skomenda

VERIFICATION INFORMATION

Test Status (Pass/Fail)? P
Elapsed test time (hrs): 1
Attachments (Y/N)? N (skomenda@puff)

Page 2/2

***** Problem *****

Please describe the problem you are experiencing below, including what you did, what you expected to happen, and what actually happened:

Display pages don't update after packet 200. Can go to another Userstation and bring up some display page. If updates for approximately 200 packets then dies. Page doesn't register as static, brought page down and then back up and it still is locked up.

Tried on OPS & Support No Go!

Rick Scannell

Detection method[*]: Planned Test Evaluate engineer: tjohnson
Detected in phase[*]: Acceptance Test
Test Case ID: CONT-2040B Assigned to: tjohnson
Build ID: Patch 8 Affect Subsystem[*]: FOS
Platform ID: Analysis time (hrs): 2
Test Site[*]: EOC Est. fix time (hrs): 5
Severity (1=Showstopper)[*]: 2

Related-DR:

SUBMITTER INFORMATION

Submitter: Dawn Levin (Loral)
Address: dlevin@puff

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Bug ID: ECSed07898 FOS_TEST_B Assigned-Verify 970901
CLOSE defect report Verified 970901
Closed 970915

RESOLUTION INFORMATION

Resolutions[*]: source code
Resolved by:
SLOC: 20
Fixing time (hrs): 5
Documentation affected (Y/N)? N
When_fixed:

CLOSING INFORMATION:

Closing accepted by: lsheckle

TESTING INFORMATION:

Assigned test engineer: skomenda

VERIFICATION INFORMATION

Test Status (Pass/Fail)? P
Elapsed test time (hrs): 1
Attachments (Y/N)? N (dlevin@puff)

Page 2/2

***** Problem *****

Please describe the problem you are experiencing below, including what you did, what you expected to happen, and what actually happened:

State check reports a total of 10 miscompares and compares when there were 21 potential miscompared and compares according to the laod generation report. The total number of miscompares and compares according to state check should have been the same as the total numbers of commands in the ATC command report.

Dave Shoup

Detected in phase[*]: System I&T B
Test Case ID: TLM-2160B Assigned to: dpeters
Build ID: patch 8 Affect Subsystem[*]: TLM
Platform ID: SUN/ULTRA 1 Analysis time (hrs): 1
Test Site[*]: EOC Est. fix time (hrs): 1
Severity (1=Showstopper)[*]: 2

Related-DR:

SUBMITTER INFORMATION
Submitter: Dawn Levin (Loral)
Address: dlevin@puff

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Bug ID: ECSed07897 FOS_TEST_B Assigned-Verify 970804
CLOSE defect report Verified 970804
Closed 970814

RESOLUTION INFORMATION CLOSING INFORMATION:
Resolutions[*]: process Closing accepted by:
Resolved by:
SLOC: 0
Fixing time (hrs): 1
Documentation affected (Y/N)? N
When_fixed:

TESTING INFORMATION:
Assigned test engineer: skomenda

VERIFICATION INFORMATION
Test Status (Pass/Fail)? P
Elapsed test time (hrs): 1
Attachments (Y/N)? N (lsheckle@puff)

Page 2/2

***** Problem *****

Please describe the problem you are experiencing below, including what you did, what you expected to happen, and what actually happened:

Display pages won't update on either the IOC the Q changed after an initial burst of data the parameter server died once. The real time server was rebooted along with the User Station. The display pages would still not update past the initial burst of data. This time, the parameter server stayed up.

Nancy Herndon
7/22/97

Related-DR: SMOdr00228

SUBMITTER INFORMATION

Submitter: Ron Johnson
Address: rjohnson@puff

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Bug ID: ECSed05894 FOS_TEST_B Assigned-Verify 970710
CLOSE defect report Verified 971013
Closed 971028

RESOLUTION INFORMATION

Resolutions[*]: source code
Resolved by: mcampbel
SLOC: 0
Fixing time (hrs): 1
Documentation affected (Y/N)? N
When_fixed:

CLOSING INFORMATION:

Closing accepted by:

TESTING INFORMATION:

Assigned test engineer: skomenda

VERIFICATION INFORMATION

Test Status (Pass/Fail)?: P
Elapsed test time (hrs): 1
Attachments (Y/N)? N (nherndon@puff)

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***** Problem (Added at 970319 by rjohnson) *****

FOS Release 1.1.0

Adding to previously defined subsystem paths
(e.g., AM1_AST_V) put the Selection Filter tool for the
Analysis Telemetry Selector in a confused state.
Removed all the subsystem selections using the Selection
Filter reset button. Re-entered the subsystem choices
and clicked OK. The Analysis Request Builder disappeared.
All of the data for the analysis request was lost,
along with the newly entered subsystem selections.
Reinvoked the Analysis Request Builder tool and
re-entered the same request information again. Possible
relationship with NCR 03962.

***** Resolution (Added 970702 by tjohnson) *****

This problem does not occur as of patch 7.

***** Verification (Added 971013 by nherndon) *****

nherndon 10/13/97 verified EOC - unable to duplicate the problem in patch 11.

***** Action Taken (Added 971028 by dlevin) *****

Closed by NCR Review Board

10/28/97

***** History *****

webif 970319 092227 Submitted by tjohnson from ronpwrmac.gsfc.nasa.gov
xdds 970324 112317 Fields modified by tjohnson
xdds 970324 112421 N -> A (Assigned-Eval to krobair) by tjohnson
xdds 970502 110813 A -> A (Assigned-Eval to mcampbel) by krobair
xdds 970502 110859 A -> A (Assigned-Eval to mcampbel) by krobair
xdds 970702 112148 A -> O by tjohnson
xdds 970702 112157 O -> R (Resolution = source code) by
xdds 970702 112202 R -> T by
xdds 970702 112224 Enclosure "Resolution" added by tjohnson
xdds 970709 104009 Fields modified by rbrauns
xdds 970710 155219 T -> T by
xdds 970728 144701 Fields modified by rbrauns
xdds 971013 100552 T -> V by nherndon
xdds 971013 100618 Fields modified by nherndon
xdds 971013 101019 Enclosure "Verification" added by nherndon
xdds 971013 101117 Fields modified by nherndon
xdds 971013 102607 enclosure "Verification" edited by nherndon
xdds 971028 135207 V -> C by
xdds 971028 135232 Enclosure "Action Taken" added by dlevin

Bug ID: ECSed07587
CLOSE defect report

FOS_TEST_B

Submitted: 970709

Assigned-Eval: 970709

Assigned-Fix: 970709

Software: telemetry

5 enclosures

"Raw data in parameter value not ipc'd"

DETECTION INFORMATION

ANALYSIS INFORMATION

Detection method[*]: Planned Test Evaluate engineer: tjohnson
Detected in phase[*]: System I&T B
Test Case ID: Assigned to: sfirth
Build ID: patch 8 Affect Subsystem[*]: FOS
Platform ID: Analysis time (hrs): 1
Test Site[*]: EDF Est. fix time (hrs): 1
Severity (1=Showstopper)[*]: 2

Related-DR:

SUBMITTER INFORMATION

Submitter: Trudy Johnson
Address: tjohnson@puff

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Bug ID: ECSed07587 FOS_TEST_B Assigned-Verify 970804
CLOSE defect report Verified 970804
Closed 970814

RESOLUTION INFORMATION

CLOSING INFORMATION:

Resolutions[*]: source code Closing accepted by:
Resolved by: lkaye
SLOC: 5
Fixing time (hrs): 1
Documentation affected (Y/N)? N
When_fixed:

TESTING INFORMATION:

Assigned test engineer: tjohnson

VERIFICATION INFORMATION

Test Status (Pass/Fail)? : P
Elapsed test time (hrs): 1
Attachments (Y/N)? N (tjohnson@puff)

Page 2/2

***** Problem *****

Please describe the problem you are experiencing below, including what you did, what you expected to happen, and what actually happened:

The raw data portion of the Parameter Value is not getting to the Parameter Server. This effects Dynamic Pages and Activity Log Monitor.

***** Analysis (Added 970709 by tjohnson) *****

The FoPvRaw class has commented out code in saveGuts and restoreGuts, which prevents the raw data buffer from accessing the stream.

***** Resolution (Added 970728 by sfirth) *****

The FoPvRaw stream functions have been fixed to allow save and restore the Raw data. This fix has been merged into Patch 10 and is ready for testing.

***** Verification (Added 970804 by tjohnson) *****

This is fixed in patch 10/11

***** Action Taken (Added 970814 by dlevin) *****

Closed by NCR Review Board.

***** History *****

xdds 970709 173704 Submitted to FOS_TEST_B by tjohnson@puff
xdds 970709 173819 Enclosure "Problem" added by tjohnson
xdds 970709 173826 N -> A (Assigned-Eval to tjohnson) by tjohnson
xdds 970709 173908 Enclosure "Analysis" added by tjohnson
xdds 970709 173919 A -> O by tjohnson
xdds 970728 164609 O -> R (Resolution = source code) by
xdds 970728 164753 Enclosure "Resolution" added by sfirth
xdds 970804 131521 R -> T by
xdds 970804 131523 T -> V by tjohnson
xdds 970804 131535 Enclosure "Verification" added by tjohnson
xdds 970814 105158 V -> C by
xdds 970814 105214 Enclosure "Action Taken" added by dlevin
xdds 970829 150224 enclosure "Verification" edited by dlevin

Please describe the problem you are experiencing below, including what you did, what you expected to happen, and what actually happened:

The Telemetry Header window periodically displays an SDU_SCTIME of "2000/001 12:00:00" with other EDU Header parameters displayed as "0", while Housekeeping Telemetry is flowing. These values alternate with "valid" Header window values. Additionally, these alternating "year 2000" displays of telemetry data continue indefinitely, long after the telemetry driver has stopped flowing telemetry.

John Rubenhacker 2/26/97

***** Analysis *****

Please describe your analysis to this problem:

***** Resolution (Added 970708 by tjohnson) *****

This problem seems to have disappeared with release B.
It should be retested with release B software.

***** Action Taken (Added 970923 by dlevin) *****

Closed by NCR Review Board.

Dawn Turner

9/23/97

***** History *****

xdds 970310 171531 Submitted to From_A by cramsey@puff
xdds 970310 172107 Enclosure "Problem" added by cramsey
xdds 970314 093639 N -> A (Assigned-Eval to kchristo) by tjohnson
xdds 970314 135637 Enclosure Analysis added by cmedley
xdds 970314 135637 A -> O by mblazeje
xdds 970708 123138 Fields modified by rbrauns
xdds 970708 204023 O -> R (Resolution = source code) by
xdds 970708 204026 R -> T by
xdds 970708 204107 Enclosure "Resolution" added by tjohnson
xdds 970919 114844 T -> V by skomenda
xdds 970923 105728 V -> C by
xdds 970923 105749 Enclosure "Action Taken" added by dlevin

***** Problem (Added at 970319 by rjohnson) *****

FOS Release 1.1.0

The FOS software currently flags limit violations outside the specified red and yellow limits, as documented in the FOS Operations Tool Manual. However, the FOS software does not flag yellow low limit violations if the TLM value is equal to the red low limit. For example, the red low limit for COM_PR_SBT1_FWD_RF is '4.000000' and the yellow low limit for COM_PR_SBT1_FWD_RF is '4.500000';. Therefore, you would expect any value for COM_PR_SBT1_FWD_RF that is less than '4.500000'; and equal to or greater than '4.000000' would be flagged as a yellow low limit violation. During the EOC1 test (limit checking portion), COM_PR_SBT1_FWD_RF did have a value of 4.0000. COM_PR_SBT1_FWD_RF entry on the EUCONV3 dynamic page was not tagged with a 'LY' violation flag, nor was a notification reporting a yellow low limit violation received. The handling of yellow high limit violations has not been verified but the same non-flagging feature for values equal to the high red limit may also exist.

***** Analysis *****

Please describe your analysis to this problem:

Some time ago, I asked the FOT about limit checking. I wanted to know if the compare should be (<) and (>) or (<=) and (>=). I was told the correct logic was (<) and (>). So that's the way I coded it.

Kyle Christoff

***** Action Taken (Added 970707 by lsheckle) *****

Works as designed.

lsheckle (FOS/INT) 7/7/97

***** History *****

webif 970319 080102 Submitted by rjohnson from ronpwrmac.gsfc.nasa.gov
xdds 970324 112602 N -> A (Assigned-Eval to kchristo) by tjohnson

TESTING INFORMATION:

Assigned test engineer: krobair

VERIFICATION INFORMATION

Test Status (Pass/Fail)?: P

Elapsed test time (hrs): 1

Attachments (Y/N)? N (cwmurphy@puff)

Page 2/2

***** Problem *****

Please describe the problem you are experiencing below, including what you did, what you expected to happen, and what actually happened:

Only one data set name allowed in "Analysis Request Builder" window. User should be prompted for a different data set name for each time specified.

***** Analysis *****

Please describe your analysis to this problem:

***** resolution (Added 970702 by mcampbel) *****

This really isn't a bug. The user only need to provide one output dataset name. Each pair time will have its own dataset name appended with a time by the DMS Queue Manager; thus, all pair time dataset names are unique.

***** Verification (Added 970822 by cwmurphy) *****

Fix was verified by analysis subsystem lead.

***** Action Taken (Added 970825 by dlevin) *****

Closed by NCR Review Board.

Related-DR: SMOdr00217

SUBMITTER INFORMATION

Submitter: Ron Johnson
Address: rjohnson@puff

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Bug ID: ECSed05882 FOS_TEST_B Assigned-Verify 970819
CLOSE defect report Verified 971024
Closed 971028

RESOLUTION INFORMATION

CLOSING INFORMATION:

Resolutions[*]: design
Resolved by: kchristo
SLOC: 1
Fixing time (hrs): 1
Documentation affected (Y/N)? N
When_fixed:

Closing accepted by:

TESTING INFORMATION:

Assigned test engineer: skomenda

VERIFICATION INFORMATION

Test Status (Pass/Fail)? P
Elapsed test time (hrs): 1
Attachments (Y/N)? N (wscannel@puff)

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***** Problem (Added at 970318 by rjohnson) *****

FOS Release 1.1.0

ODB version 6

Certain limit violations for COM_PR_SBT1_FWD_RF are not obtainable. These limits are the yellow low limit (TLM values less than 4.500000 but greater than or equal to 4.000000) and the yellow high limit (TLM values greater than 6.000000 but less than or equal to 6.100000). The red high limit (TLM values greater than 6.1) can only be tested at the next whole number value, '7', or greater. The current EU conversion equation ($y=x$) does not support the flagging of the yellow limit violators or the red high limit violators fractionally closer to 6.1 (e.g., 6.1001 to 6.9999). This incompatibility warrants further examination of the PDB validation process. How could such a mismatch between the TLM EU Conversion Specification PDB tlm_calcurve_xxx.pdb and the Red/Yellow Limit Specification PDB (tlm_rylim_xxx.pdb)

pass validation?

***** Resolution (Added 970723 by kchristo) *****

This explanation is really the same as the one for NCR 6128. In this case, the equation provided will not result in suitable values for the hi/lo limit checking.

Kyle Christoff
July 23, 1997

***** Verification (Added 971024 by wscannel) *****

After speaking with DMS and TLM subsystem leads, it was determined that the the validation process would not be able to handle the ability to compare Red/Yellow Limits against the polynomial equation for each parameter. The scope of the validation process is not wide enough.

Rick Scannell
10/23/97

***** Action Taken (Added 971028 by dlevin) *****

Closed by NCR Review Board

10/28/97

***** History *****

webif 970318 154304 Submitted by rjohnson from ronpwrmac.gsfc.nasa.gov
xdds 970324 112712 N -> A (Assigned-Eval to kchristo) by tjohnson
xdds 970702 111956 A -> O by tjohnson
xdds 970709 103630 Fields modified by rbrauns
xdds 970723 121420 O -> R (Resolution = design) by
xdds 970723 121627 Enclosure "Resolution" added by kchristo
xdds 970723 122925 enclosure "Resolution" edited by kchristo
xdds 970723 124531 enclosure "Resolution" edited by kchristo
xdds 970819 085714 R -> T by
xdds 971023 172344 Enclosure "Verification" added by wscannel
xdds 971024 130105 enclosure "Verification" deleted by wscannel
xdds 971024 130425 Enclosure "Verification" added by wscannel
xdds 971024 130439 T -> V by wscannel
xdds 971028 135129 V -> C by
xdds 971028 135147 Enclosure "Action Taken" added by dlevin

***** Problem *****

Please describe the problem you are experiencing below, including what you did, what you expected to happen, and what actually happened:

The Activity ODF items are not usable by the Activity Log Monitor process because of the way they are put into the hash dictionary.

***** Resolution (Added 970827 by tjohnson) *****

The key for the hash dictionary was changed from an activity log definition to an activity message id.

***** Verification (Added 970908 by tjohnson) *****

Verified with patch 11

***** Action Taken (Added 970915 by lsheckle) *****

This NCR fix was verified by the integration/test team.

lsheckle 9/15/97

***** History *****

xdds 970827 103039 Submitted to FOS_TEST_B by tjohnson@puff
xdds 970827 103115 Enclosure "Problem" added by tjohnson
xdds 970827 103120 N -> A (Assigned-Eval to tjohnson) by tjohnson
xdds 970827 103126 A -> O by tjohnson
xdds 970827 103138 O -> R (Resolution = source code) by
xdds 970827 103213 Enclosure "Resolution" added by tjohnson
xdds 970908 094017 R -> T by
xdds 970908 094019 T -> V by tjohnson
xdds 970908 094032 Enclosure "Verification" added by tjohnson
xdds 970915 162437 V -> C by lsheckle
xdds 970915 162448 Enclosure "Action Taken" added by lsheckle

***** Problem *****

Please describe the problem you are experiencing below, including what you did, what you expected to happen, and what actually happened:

In the Analysis Request Builder window; After trying to save the request before selecting TIME-Received, an error message "Need to select time"- After closing error message box; Then pressing the SELECT TIME button in the Analysis Request Builder window, The analysis Request Builder window disappears.

Nancy Herndon 2/27/97

***** Analysis *****

Please describe your analysis to this problem:

***** Resolution (Added 970708 by tjohnson) *****

This problem seems to be resolved with the release B software. The NCR should be retested with the release B software.

***** History *****

xdds 970310 163326 Submitted to From_A by cramsey@puff
xdds 970310 163912 Enclosure "Problem" added by cramsey
xdds 970314 093718 N -> A (Assigned-Eval to krobair) by tjohnson
xdds 970314 141404 Enclosure Analysis added by mcampbel
xdds 970314 141404 A -> O by mblazeje
xdds 970708 091351 Fields modified by rbrauns
xdds 970708 204212 O -> R (Resolution = source code) by
xdds 970708 204216 R -> T by
xdds 970708 204218 Fields modified by tjohnson
xdds 970708 204250 Enclosure "Resolution" added by tjohnson
xdds 970805 101508 T -> V by dlevin
xdds 970805 101510 V -> C by

CLOSE defect report

Assigned-Eval: 970324
Assigned-Fix: 970324

Software: data archive

5 enclosures

"DMS Packet Sequence Gap Messages are incorrect"

DETECTION INFORMATION

ANALYSIS INFORMATION

Detection method[*]: Planned Test Evaluate engineer: tjohnson
Detected in phase[*]: ESDIS EGS I&T
Test Case ID: SI&T System Test Assigned to: nltzio
Build ID: A2 Affect Subsystem[*]: DMS
Platform ID: Analysis time (hrs): 1
Test Site[*]: EOC Est. fix time (hrs): 1
Severity (1=Showstopper)[*]: 2

Related-DR: SMOdr00216

SUBMITTER INFORMATION

Submitter: Ron Johnson
Address: rjohnson@puff

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Bug ID: ECSed05878
CLOSE defect report

FOS_TEST_B Assigned-Verify 970523
Verified 970710
Closed 970715

RESOLUTION INFORMATION

CLOSING INFORMATION:

Resolutions[*]: source code Closing accepted by: cwmurphy
Resolved by: dbailey
SLOC: 1
Fixing time (hrs): 1
Documentation affected (Y/N)? N
When_fixed:

TESTING INFORMATION:

Assigned test engineer: wscannel

VERIFICATION INFORMATION

Test Status (Pass/Fail)? P
Elapsed test time (hrs): 11
Attachments (Y/N)? N (tjohnson@puff)

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***** Problem (Added at 970318 by rjohnson) *****

FOS Release 1.1.0
Event messages reporting packet sequence gaps are

incorrect. The packet numbers assigned to the received and expected packets are swapped. For example, a DMS message would state that the "H&S Q-channel Telemetry Archiver detected packet sequence gap; Expected: #944, Received: #936" when packet #936 was actually expected and packet #944 was received.

***** Analysis *****

Please describe your analysis to this problem:

I think the generation of the event is incorrect. The values are being passed in incorrectly.

***** Resolution (Added 970331 by tjohnson) *****

The inputs to the event generation function call were swapped.

***** Verification (Added 970710 by tjohnson) *****

I've seen this work in ECT2

***** Action Taken (Added 970715 by cramsey) *****

This fix was verified by the integration team.

***** History *****

webif 970318 145852 Submitted by rjohnson from ronpwrmac.gsfc.nasa.gov
xdds 970324 112732 Fields modified by tjohnson
xdds 970324 112815 N -> A (Assigned-Eval to tjohnson) by tjohnson
xdds 970324 112929 Enclosure Analysis added by dbailey
xdds 970324 112929 A -> O by tjohnson
xdds 970331 104459 O -> R (Resolution = source code) by
xdds 970331 104626 Enclosure "Resolution" added by tjohnson
xdds 970514 121407 Fields modified by tjohnson
xdds 970523 125028 R -> T by
xdds 970710 155418 T -> V by tjohnson
xdds 970710 155435 Enclosure "Verification" added by tjohnson

VERIFICATION INFORMATION

Test Status (Pass/Fail)? : P
Elapsed test time (hrs): 1
Attachments (Y/N)? N (tjohnson@puff)

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***** Problem (Added at 970401 by rjohnson) *****

FOS Release 1.1.0

Event messages are not received for all packet sequence gaps. A DMS message reporting the detection of a packet sequence gap between packets #1658 and #1670 was not received from the H&S Q-channel Telemetry Archiver. The "tcpdump" of the received H&S data clearly shows a data dropout and this packet sequence gap. The discontinuity flags in the EDOS Service Header (ESH) fields are set to one for packet #1670, which depicts VCDU and packet discontinuity.

Originator: Diane Womack (IV&V) on 03/27/97

***** Verification (Added 970710 by tjohnson) *****

Event messages are now received.

***** Action Taken (Added 970715 by cramsey) *****

This fix was verified by the integration team.

***** History *****

webif 970401 154933 Submitted by rjohnson from ronpwrmac.gsfc.nasa.gov
xdds 970502 120333 Fields modified by tjohnson
xdds 970502 120350 N -> A (Assigned-Eval to tjohnson) by tjohnson
xdds 970502 120401 A -> O by tjohnson
xdds 970609 162953 O -> R (Resolution = unreproducible) by
xdds 970609 162957 R -> T by
xdds 970710 161602 T -> V by tjohnson
xdds 970710 161622 Enclosure "Verification" added by tjohnson
xdds 970715 125024 Enclosure "Action Taken" added by cramsey
xdds 970715 125032 V -> C by cwmurphy

Please describe the problem you are experiencing below, including what you did, what you expected to happen, and what actually happened:

When built page definition for graph format using Display Builder, the Time parameter was selected to represent the X-Axis. However, when the graph page came up, the X-Axis was not represented by the Time parameter.

***** resolution (Added 970620 by Ingo) *****

Fixed source code in FuTdGraph2DFormat.C so that it uses the PID to figure out which parameter represents the X-Axis instead of the index of a parameter in a container.

***** Verification (Added 970811 by lsheckle) *****

Tester verified at AT, Patch 9 / PDB12.

gwarner 8/8/97

***** Action Taken (Added 970819 by lsheckle) *****

Closed by NCR Review Board.

***** History *****

xdds 970612 161802 Submitted to FOS_INTEGR_B by Ingo@puff
xdds 970612 183612 Enclosure "Problem" added by Ingo
xdds 970613 090601 N -> A (Assigned-Eval to Ingo) by Ingo
xdds 970613 090644 A -> O by Ingo
xdds 970620 084055 Enclosure "resolution" added by Ingo
xdds 970708 124523 Fields modified by rbrauns
xdds 970708 204423 O -> R (Resolution = source code) by
xdds 970708 204426 R -> T by
xdds 970728 142530 Fields modified by rbrauns
xdds 970811 193243 T -> V by lsheckle
xdds 970811 193449 Enclosure "Verification" added by lsheckle
xdds 970819 151028 V -> C by
xdds 970819 151038 Enclosure "Action Taken" added by lsheckle

Please describe the problem you are experiencing below, including what you did, what you expected to happen, and what actually happened:

There currently are no event messages being output for alarms when parameters are out of limits (red).

F-TLM-01140

Don Owen 11/23/96

***** Analysis *****

Please describe your analysis to this problem:

The red out of limits event message needs to be set up as an alarm message. This will be corrected in release B.

***** Verification (Added 970710 by tjohnson) *****

The alarm messages are sent out and displayed.

***** Action Taken (Added 970715 by cramsey) *****

This fix was verified by the integration team.

***** History *****

xdds 961123 184737 Submitted to FOS_TEST_A by cwmurphy@puff
xdds 961123 184932 Enclosure "Problem" added by cwmurphy
xdds 961126 140025 Fields modified by cwmurphy
xdds 961126 142459 Fields modified by cwmurphy
xdds 961202 090754 N -> A (Assigned-Eval to cwilliam) by kchristo
xdds 961202 090943 Enclosure Analysis added by kchristo
xdds 961202 090943 A -> O by kchristo
xdds 970128 145918 Fields modified by cwmurphy
xdds 970131 172426 Fields modified by lsheckle
xdds 970314 135413 Fields modified by mblazeje
xdds 970325 141332 enclosure "Analysis" edited by kchristo
xdds 970520 175251 O -> R (Resolution = data file) by
xdds 970520 175254 R -> T by
xdds 970627 090623 Fields modified by rbrauns
xdds 970710 155702 T -> T by
xdds 970710 155843 T -> T by
xdds 970710 160545 T -> V by tjohnson
xdds 970710 160602 Enclosure "Verification" added by tjohnson

Test Status (Pass/Fail)? : P
Elapsed test time (hrs): 1
Attachments (Y/N)? N (tjohnson@puff)

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***** Problem *****

Please describe the problem you are experiencing below, including what you did, what you expected to happen, and what actually happened:

Activity Log Monitor needs to poll NameServer for Parameter Servers so it won't die if ParameterServers aren't up yet.

***** Resolution (Added 970730 by rgriffit) *****

The Activity Log Monitor was modified so that it would poll the NameServer for the I/Q Parameter Server endpoints.

The following files were modified.

FaPrParameterRegistry.C
FaPrParameterRegistry.h

FaAlActivityLogMonitor.C

FaAlConfigItems.cnfg
FaAlConfigFile.cnfg

***** Verification (Added 970804 by tjohnson) *****

This is fixed in patch 10

***** Action Taken (Added 970814 by dlevin) *****

Closed by NCR Review Board.

***** History *****

xdds 970730 141745 Submitted to FOS_TEST_B by rgriffit@puff
xdds 970730 141820 Enclosure "Problem" added by rgriffit
xdds 970730 154801 Fields modified by cwmurphy
xdds 970730 154820 N -> A (Assigned-Eval to tjohnson) by cwmurphy
xdds 970730 160441 A -> O by rgriffit

Assigned test engineer: skomenda

VERIFICATION INFORMATION

Test Status (Pass/Fail)? : P

Elapsed test time (hrs): 1

Attachments (Y/N)? N (skomenda@puff)

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***** Problem *****

Please describe the problem you are experiencing below, including what you did, what you expected to happen, and what actually happened:

After deleting a realtime/test string (101), I created a simulation/training string (101). I flowed telemetry using FtPgPackGen using HOST=225.2.7.40 PORT=20170 (both of which are in FoSwConfigData.cnfg file). No parameters updated and no events (limits violations). I flowed telemetry again using the HOST/PORT for Realtime/Ops (string 100), with successful telemetry processing. I repeated this process with the same results.

John Rubenacker
8/12/97

***** Resolution (Added 970820 by kchristo) *****

In the FoSwConfigData.cnfg file, the descriptor for the host and port for decom training tasks was 'dcomHkTrainingPortI' instead of 'dcomHkTrngPortI'. This is also true for HS and SB data on the I and Q channels.

Kyle Christoff
August 20, 1997

***** Information (Added 970908 by tjohnson) *****

This will need to be tested once a new delivery of this config file is made.

--TJ

***** Action Taken (Added 970923 by dlevin) *****

Closed by NCR Review Board.

Closed 971201

RESOLUTION INFORMATION

Resolutions[*]: source code
Resolved by: dgrimes
SLOC: 1
Fixing time (hrs): 1
Documentation affected (Y/N)? N
When_fixed:

CLOSING INFORMATION:

Closing accepted by:

TESTING INFORMATION:

Assigned test engineer: skomenda

VERIFICATION INFORMATION

Test Status (Pass/Fail)? P
Elapsed test time (hrs): 1
Attachments (Y/N)? N (dchannel@puff)

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***** Problem *****

Please describe the problem you are experiencing below, including what you did, what you expected to happen, and what actually happened:

While flowing simultaneous data HK on I and H&S on Q, I attempted to switch a window named TLM-2170B from Q to I. When I clicked mouse on switch connection, window froze and then I couldn't even close it. Windows eventually "Blacked out" same thing happened with the other window TLM 2010B.

Rick Scannell
8/12/97

***** Resolution (Added 970915 by kchristo) *****

After the encapsulation of the parameter server into the decom task, this problem has not recurred.

Kyle Christoff
Sep. 15, 1997

***** Verification (Added 971125 by dchannel) *****

Ran packgen to flow data through the I & Q channels. HK on the I and H&S on the Q. Successfully switched windows from Q to I and vice-versa - Patch 2.0.4.

Submitter: Ron Johnson
Address: rjohnson@puff

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Bug ID: ECSed05949 FOS_TEST_B Assigned-Verify 970710
CLOSE defect report Verified 970919
Closed 970923

RESOLUTION INFORMATION

Resolutions[*]: source code
Resolved by: kchristo
SLOC: 0
Fixing time (hrs): 1
Documentation affected (Y/N)? N
When_fixed:

CLOSING INFORMATION:

Closing accepted by:

TESTING INFORMATION:

Assigned test engineer: skomenda

VERIFICATION INFORMATION

Test Status (Pass/Fail)? P
Elapsed test time (hrs): 1
Attachments (Y/N)? N (skomenda@puff)

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***** Problem (Added at 970325 by rjohnson) *****

FOS Release 1.1.0

The omission of delta limit checks does not satisfy requirement EOC-5100#A (F-TLM-01055 clarification), which requires all limits including delta to be flagged. There are no delta limit violation indicators (e.g., Dynamic page flags like the ones used for red and yellow high/low limit violations-- 'HR', 'HY', 'LR', and 'LY'). There also are no notification messages informing you of delta limit violations. (Note: Delta limits for a group of MISR parameters were provided in the ODB version 6.)

Submitted by Diane Womack (IV&V)

***** Resolution (Added 970702 by tjohnson) *****

This problem appears to be fixed as of patch 7.

Bug ID: ECSed08045
CLOSE defect report

FOS_TEST_B

Assigned-Verify 970815

Verified 970815

Closed 970819

RESOLUTION INFORMATION

CLOSING INFORMATION:

Resolutions[*]: source code

Closing accepted by:

Resolved by:

SLOC: 3

Fixing time (hrs): 1

Documentation affected (Y/N)? N

When_fixed:

TESTING INFORMATION:

Assigned test engineer: jrubenac

VERIFICATION INFORMATION

Test Status (Pass/Fail)? P

Elapsed test time (hrs): 1

Attachments (Y/N)? N (lsheckle@puff)

***** Problem *****

Please describe the problem you are experiencing below, including what you did, what you expected to happen, and what actually happened:

Entered a LIMITS ECL directive and entered LL==2.00 This generated a syntax error. It seems a SYNTAX error is generated for any decimal value entered, i.e., it only accepts integers. Decimal values were also rejected for higher limit values.

John Rubenacker
7/28/97

***** Verification (Added 970815 by lsheckle) *****

Verified in Patch ten at EOC. Change allowed decimal input.

jrubenac 8/12/97

SUBMITTER INFORMATION

Submitter: Dawn Levin (Loral)
Address: dlevin@puff

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Bug ID: ECSed08141 FOS_TEST_B Assigned-Verify 970911
CLOSE defect report Verified 971023
Closed 971028

RESOLUTION INFORMATION

Resolutions[*]: source code
Resolved by:
SLOC: 1
Fixing time (hrs): 1
Documentation affected (Y/N)? N
When_fixed:

CLOSING INFORMATION:

Closing accepted by:

TESTING INFORMATION:

Assigned test engineer: skomenda

VERIFICATION INFORMATION

Test Status (Pass/Fail)? : P
Elapsed test time (hrs): 1
Attachments (Y/N)? N (wscannel@puff)

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***** Problem *****

Please describe the problem you are experiencing below, including what you did, what you expected to happen, and what actually happened:

Telemetry values on Telemetry displays became static (turned FSOM green to white) FOT no apparent reason. In particular mnemonics "CDH_BR_SFE_A_ON" (1-8) and "CDH_CR_SCT_OSC_SEL" (1-1). They also appeared to remain static longer than expected from their known sampling frequency.

Note: (a-b) above indicates known sampling frequency.
a=# of samples per master cycle in 1Kbps HS.
b=# of samples per master cycle in 16 Kbps HK.

B. Muscovich/ECS FOT
7/2/97

***** Resolution (Added 970910 by kchristo) *****

Since this NCR was written, the decom design has undergone significant

changes to improve performance. This NCR should now be re-tested.

Kyle Christoff
Sept. 10, 1997

***** Verification (Added 971023 by wscannel) *****

The packet generator was started and 1000 packets were run. The mnemonics "CDH_BR_SFE_A_ON" and "CDH_CR_SCT_OSC_SEL" remained marked as active and the values continued to update. Have not been able to reproduce the problem since changes to Decom.

Rick Scannell
10/23/97

***** Action Taken (Added 971028 by dlevin) *****

Closed by NCR Review Board

10/28/97

***** History *****

- xdds 970805 163612 Submitted to FOS_TEST_B by dlevin@puff
- xdds 970805 163920 Enclosure "Problem" added by dlevin
- xdds 970806 094405 N -> A (Assigned-Eval to tjohnson) by tjohnson
- xdds 970806 094409 A -> O by tjohnson
- xdds 970910 100449 O -> R (Resolution = source code) by
- xdds 970910 100544 Enclosure "Resolution" added by kchristo
- xdds 970911 144140 R -> T by
- xdds 971023 163651 T -> V by wscannel
- xdds 971023 163711 V -> V by wscannel
- xdds 971023 164602 Enclosure "Verification" added by wscannel
- xdds 971028 141039 V -> C by
- xdds 971028 141047 Enclosure "Action Taken" added by dlevin

Bug ID: ECSed08740	FOS_TEST_B	Submitted: 970831
CLOSE defect report		Assigned-Eval: 970831
		Assigned-Fix: 970908
Software: state check		4 enclosures

"State check parameter server"

DETECTION INFORMATION

Detection method[*]: Planned Test

Detected in phase[*]: Acceptance Test

Test Case ID: CONT 2040B

Build ID: P11

Platform ID: Sun/Ultra

Test Site[*]: EOC

Severity (1=Showstopper)[*]: 2

ANALYSIS INFORMATION

Evaluate engineer: tjohnson

Assigned to: kchristo

Affect Subsystem[*]: TLM

Analysis time (hrs): 1

Est. fix time (hrs): 1

Related-DR:

SUBMITTER INFORMATION

Submitter: lsheckle

Address: lsheckle@puff

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Bug ID: ECSed08740

CLOSE defect report

FOS_TEST_B

Assigned-Verify 970915

Verified 970915

Closed 970923

RESOLUTION INFORMATION

Resolutions[*]: source code

Resolved by:

SLOC: 10

Fixing time (hrs): 1

Documentation affected (Y/N)? N

When_fixed:

CLOSING INFORMATION:

Closing accepted by:

TESTING INFORMATION:

Assigned test engineer: tjohnson

VERIFICATION INFORMATION

Test Status (Pass/Fail)? P

Elapsed test time (hrs): 1

Attachments (Y/N)? N (tjohnson@puff)

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***** Problem *****

Please describe the problem you are experiencing below, including what you did, what you expected to happen, and what actually happened:

Statecheck is looking at dump channel by default and comes up with 0 compares O miscompares before changing to I or Q channel.

Once the channel is changed Everything is ok need to look at channel

other than dump channel.

Rick Scannell
8/30/97

***** Resolution (Added 970910 by kchristo) *****
State Check was modified to look at the proper parameter server at start-up.

Kyle Christoff
Sept. 10, 1997

***** Verification (Added 970915 by tjohnson) *****
Verified with patch 11

***** Action Taken (Added 970923 by dlevin) *****
Closed by NCR Review Board.

Dawn Turner
9/23/97

***** History *****
xdds 970831 203855 Submitted to FOS_TEST_B by lsheckle@puff
xdds 970831 204016 Enclosure "Problem" added by lsheckle
xdds 970831 204434 N -> A (Assigned-Eval to tjohnson) by cwmurphy
xdds 970908 100432 A -> O by tjohnson
xdds 970910 101543 O -> R (Resolution = source code) by
xdds 970910 101622 Fields modified by kchristo
xdds 970910 101705 Enclosure "Resolution" added by kchristo
xdds 970915 095807 R -> T by
xdds 970915 095810 T -> V by tjohnson
xdds 970915 095824 Enclosure "Verification" added by tjohnson
xdds 970923 132507 V -> C by
xdds 970923 132532 Enclosure "Action Taken" added by dlevin

Attempted to adjust delta limits of mnemonic with Delta Limits. "Limits
Com_BR_HSDLTA1 DELTA=40 STRING=100. Did not work at all. Attempted to enter
message "I decom:Adjust Delta Limit configuration request field.

Rick Scannell
8/7/97

***** Resolution (Added 970915 by kchristo) *****

This was a problem in the FUI parser.

Kyle Christoff
Sep 15, 1997

***** Verification (Added 971125 by dchannel) *****

Successfully adjusted the limits for a Delta Limit mnemonic, namely CDH_CR_CERA_SBRY1
- Patch 2.0.4.

Dave Channell

***** Action Taken (Added 971201 by bseaman) *****

Closed by NCR Review Board

121/97

***** History *****

xdds 970818 103018 Submitted to FOS_TEST_B by dlevin@puff
xdds 970818 103634 Enclosure "Problem" added by dlevin
xdds 970819 085041 N -> A (Assigned-Eval to tjohnson) by tjohnson
xdds 970819 085047 A -> O by tjohnson
xdds 970915 105936 O -> R (Resolution = source code) by
xdds 970915 110004 Enclosure "Resolution" added by kchristo
xdds 970922 142235 R -> T by
xdds 971125 145646 Enclosure "Verification" added by dchannel
xdds 971125 145659 T -> V by dchannel
xdds 971125 145739 enclosure "Verification" edited by dchannel
xdds 971201 115729 V -> C by
xdds 971201 115741 Enclosure "Action Taken" added by bseaman

***** Problem *****

Please describe the problem you are experiencing below, including what you did, what you expected to happen, and what actually happened:

Event messages indicating red/yellow limits are not appearing in event display or the control window. Red/Yellow High/low limit violations are supposed to receive an event message indicating the limit violations mnemonics.

Rick Scannell
8/6/97

***** Analysis (Added 970819 by tjohnson) *****

Did you have limits off?

***** Resolution (Added 970820 by kchristo) *****

There were two problems here. First, there was a problem in the decom task where the LIMITS directive is processed. It was not setting the correct limit group as specified in the directive. Second, there was a problem in the decom ofd where the decoded and converted limit groups were reversed.

Kyle Christoff
August 20, 1997

***** Verification (Added 970901 by dlevin) *****

Closed Patch 11

Rick Scannell
8/28/97

***** Action Taken (Added 970915 by lsheckle) *****

This NCR fix was verified by the integration/test team.

lsheckle 9/17/97

RESOLUTION INFORMATION

Resolutions[*]: source code
Resolved by: lkaye
SLOC: 10
Fixing time (hrs): 1
Documentation affected (Y/N)? N
When_fixed:

CLOSING INFORMATION:

Closing accepted by:

TESTING INFORMATION:

Assigned test engineer: skomenda

VERIFICATION INFORMATION

Test Status (Pass/Fail)? P
Elapsed test time (hrs): 1
Attachments (Y/N)? N (skomenda@puff)

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***** Problem *****

Please describe the problem you are experiencing below, including what you did, what you expected to happen, and what actually happened:

Not able to vary the speed of diagnostic telemetry flowing in order to meet speed requirements for a testing.

Rick Scannell
7/29/97

***** Resolution (Added 970806 by kchristo) *****

There was a rounding error in the FoTmDelay function.

Kyle Christoff
August 6, 1997

***** Action Taken (Added 970923 by dlevin) *****

Closed by NCR Review Board.

Dawn Turner
9/23/97

***** History *****

xddts 970730 110715 Submitted to FOS_TEST_B by dlevin@puff
xddts 970730 110758 Enclosure "Problem" added by dlevin
xddts 970730 110802 Fields modified by dlevin
xddts 970730 154624 N -> A (Assigned-Eval to tjohnson) by cwmurphy
xddts 970804 132006 A -> O by tjohnson
xddts 970806 101253 O -> R (Resolution = source code) by
xddts 970806 101348 Enclosure "Resolution" added by kchristo
xddts 970819 085732 R -> T by
xddts 970919 114212 T -> V by skomenda
xddts 970923 125707 V -> C by
xddts 970923 125739 Enclosure "Action Taken" added by dlevin

Bug ID: ECSed08338 FOS_TEST_B Submitted: 970818
CLOSE defect report Assigned-Eval: 970819
Assigned-Fix: 970819
Software: telemetry 3 enclosures

"Multibyte parameter processing"

DETECTION INFORMATION ANALYSIS INFORMATION
Detection method[*]: Planned Test Evaluate engineer: tjohnson
Detected in phase[*]: Acceptance Test
Test Case ID: TLM-2050B Assigned to: kchristo
Build ID: Patch 10 Affect Subsystem[*]: TLM
Platform ID: SUN/Ultra Analysis time (hrs): 1
Test Site[*]: EOC Est. fix time (hrs): 1
Severity (1=Showstopper)[*]: 2

Related-DR:

SUBMITTER INFORMATION
Submitter: dlevin
Address: dlevin@puff

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Bug ID: ECSed08338 FOS_TEST_B Assigned-Verify 970829
CLOSE defect report Verified 970829
Closed 970915

RESOLUTION INFORMATION CLOSING INFORMATION:
Resolutions[*]: source code Closing accepted by: lsheckle
Resolved by:
SLOC: 20

Fixing time (hrs): 5
Documentation affected (Y/N)? N
When_fixed:

TESTING INFORMATION:
Assigned test engineer: skomenda

VERIFICATION INFORMATION
Test Status (Pass/Fail)? P
Elapsed test time (hrs): 1
Attachments (Y/N)? N (dlevin@puff)

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***** Problem *****

Please describe the problem you are experiencing below, including what you did, what you expected to happen, and what actually happened:

CDH_BR_MULTI_2 Updated once and then stopped updating. CDH_BR_MULTI_1 not decommutated correctly. Gives decimal/EU converted value. Should be raw whole number.

Rick Scannell
8/6/97

***** Verification (Added 970829 by dlevin) *****

Fix Verified during testing. Patch 11

Rick Scannell
8/28/97

***** Action Taken (Added 970915 by lsheckle) *****

This NCR fix was verified by the integration/test team.

lsheckler 9/15/97

***** History *****

xdds 970818 102414 Submitted to FOS_TEST_B by dlevin@puff
xdds 970818 102532 Enclosure "Problem" added by dlevin
xdds 970819 085212 N -> A (Assigned-Eval to tjohnson) by tjohnson

Assigned test engineer: skomenda

VERIFICATION INFORMATION

Test Status (Pass/Fail)? P

Elapsed test time (hrs): 1

Attachments (Y/N)? N (dlevin@puff)

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***** Problem *****

Please describe the problem you are experiencing below, including what you did, what you expected to happen, and what actually happened:

When attempting to baseline the data in the parameter server and then evaluating the data in the parameter server with the baselined table no comparison data is output to the event display.

Dave Shoup
7/29/97

***** Verification (Added 970901 by dlevin) *****
Closed. patch 11

Rick Scannell
8/29/97

***** Action Taken (Added 970915 by lsheckle) *****

This NCR fix was verified by the integration/test team.

lsheckle 9/15/97

***** History *****

xdds 970730 110419 Submitted to FOS_TEST_B by dlevin@puff
xdds 970730 110607 Enclosure "Problem" added by dlevin
xdds 970730 123649 N -> A (Assigned-Eval to tjohnson) by cwmurphy
xdds 970819 180804 Fields modified by cwmurphy
xdds 970820 140937 A -> O by tjohnson
xdds 970901 181510 O -> R (Resolution = source code) by
xdds 970901 181516 R -> T by

VERIFICATION INFORMATION

Test Status (Pass/Fail)?: P

Elapsed test time (hrs): 1

Attachments (Y/N)? N (jrubenac@puff)

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***** Problem *****

Please describe the problem you are experiencing below, including what you did, what you expected to happen, and what actually happened:

When running standby telemetry from the AZTLM driver on fose8oe, the "TLMDecom" and "EUConv" pages on Fose8oe were never updated; however, the same pages on msseocz were updated frequently. Similarly for housekeeping and health and safety telemetry data, the pages on msseocz were updated regularly, but not those on fose8oe

note: may be related to NCRs 4437 and 4440

John Rubenacker Nov 5, 96

***** Analysis *****

Please describe your analysis to this problem:

More EC work needs to be done to provide proper page updates

***** Resolution (Added 970708 by tjohnson) *****

This NCR needs to be retested with the release B software. There are performance enhancements since this NCR was written, which may serve to fix the problem.

***** Verification (Added 971027 by jrubenac) *****

John Rubenacker

Oct. 23, 1997

EOC/Release B

Workstations mentioned in NCR have been reconfigured and Release B software has been installed since NCR was written. However, telemetry display pages did update properly on other workstations during checkout of this NCR.

***** Action Taken (Added 971028 by dlevin) *****

Closed by NCR Review Board

SUBMITTER INFORMATION

Submitter: John Clark
Address: jclark@puff

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Bug ID: ECSed04437 FOS_TEST_B Assigned-Verify 970709
CLOSE defect report Verified 970811
Closed 970819

RESOLUTION INFORMATION

Resolutions[*]: source code
Resolved by:
SLOC: 1
Fixing time (hrs): 1
Documentation affected (Y/N)? N
When_fixed: B

CLOSING INFORMATION:

Closing accepted by:

TESTING INFORMATION:

Assigned test engineer: skomenda

VERIFICATION INFORMATION

Test Status (Pass/Fail)? P
Elapsed test time (hrs): 1
Attachments (Y/N)? N (lsheckle@puff)

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***** Problem *****

Please describe the problem you are experiencing below, including what you did, what you expected to happen, and what actually happened:

When running standby telemetry from the A2 TLM driver, values for standby parameters were displayed only in the "stby only" page, not in the "TLMDecom" or EUconv" windows

Note: may be related to 4438 and 4440

John Rubenacker 11/05/96

***** Analysis *****

Please describe your analysis to this problem:
More work to EC will correct these problems

Software: telemetry

4 enclosures

"Can't display tlm. param.values in specific format"

DETECTION INFORMATION

ANALYSIS INFORMATION

Detection method[*]: Planned Test Evaluate engineer: tjohnson
Detected in phase[*]: System I&T A2
Test Case ID: FUI-2060A Assigned to: kfregeol
Build ID: P5 Affect Subsystem[*]: FUI
Platform ID: DEC/SUN Analysis time (hrs): 1
Test Site[*]: EOC Est. fix time (hrs): 40
Severity (1=Showstopper)[*]: 2

Related-DR:

SUBMITTER INFORMATION

Submitter: Dawn Levin (Loral)
Address: dlevin@puff

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Bug ID: ECSed04435 FOS_TEST_B Assigned-Verify 970710
CLOSE defect report Verified 971024
Closed 971028

RESOLUTION INFORMATION

CLOSING INFORMATION:

Resolutions[*]: source code Closing accepted by:
Resolved by: cmedley
SLOC: 1
Fixing time (hrs): 40
Documentation affected (Y/N)? N
When_fixed: B

TESTING INFORMATION:

Assigned test engineer: skomenda

VERIFICATION INFORMATION

Test Status (Pass/Fail)? : P
Elapsed test time (hrs): 1
Attachments (Y/N)? Y (skomenda@puff)

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***** Problem *****

Please describe the problem you are experiencing below, including what you did, what you expected to happen, and what actually happened:

Can't display tlm params in decoded or raw format, hex, binary, octal
F-FUI-07225 F-FUI-07230

Don Owen

***** Analysis *****

Please describe your analysis to this problem:

Format options will be added to as a pop-up menu on display page.

***** Verification (Added 971024 by skomenda) *****

Verified by Franz Filicky 10/23/97 EOC (NCC patch release 2.0.1) support LAN

***** Action Taken (Added 971028 by dlevin) *****

Closed by NCR Review Board

10/28/97

***** History *****

xdds 961106 213531 Submitted to FOS_TEST_A by dlevin@puff
xdds 961106 213635 Enclosure "Problem" added by dlevin
xdds 961114 145508 Fields modified by mcampbel
xdds 961114 145529 N -> A (Assigned-Eval to mcampbel) by mcampbel
xdds 961114 145621 Enclosure Analysis added by cmedley
xdds 961114 145621 A -> O by mcampbel
xdds 970128 161542 Fields modified by cwmurphy
xdds 970131 165010 Fields modified by lsheckle
xdds 970314 134935 Fields modified by mblazeje
xdds 970520 175409 O -> R (Resolution = source code) by
xdds 970520 175415 R -> T by
xdds 970627 090328 Fields modified by rbrauns
xdds 970710 155931 T -> T by
xdds 971024 083647 T -> V by skomenda
xdds 971024 083729 Enclosure "Verification" added by skomenda
xdds 971028 134819 V -> C by
xdds 971028 134837 Enclosure "Action Taken" added by dlevin

what you did, what you expected to happen, and what actually happened:

Requirement F-FUI-07225 & 07230 requires the user to have the capability to display telemetry values in converted, decoded, raw formatted, octal, Hex, & Binary.

Gail Warner-Figueroa
8/11/97

***** Verification (Added 970829 by dlevin) *****
Fix verified during testing. (PATCH 11)

Linn Marr
8/27/97

***** Action Taken (Added 970915 by lsheckle) *****

This NCR fix was verified by the integration/test team.

lsheckler 9/15/97

***** History *****
xdds 970818 091430 Submitted to FOS_TEST_B by dlevin@puff
xdds 970818 091554 Enclosure "Problem" added by dlevin
xdds 970818 091559 Fields modified by dlevin
xdds 970819 111453 Fields modified by cwmurphy
xdds 970819 111511 N -> A (Assigned-Eval to tjohnson) by cwmurphy
xdds 970820 141019 A -> O by tjohnson
xdds 970829 143441 O -> R (Resolution = source code) by
xdds 970829 144202 R -> T by
xdds 970829 144204 T -> V by dlevin
xdds 970829 144719 Enclosure "Verification" added by dlevin
xdds 970829 145031 enclosure "Verification" edited by dlevin
xdds 970915 155744 V -> C by lsheckle
xdds 970915 155759 Enclosure "Action Taken" added by lsheckle

CLOSE defect report

Assigned-Eval: 970819
Assigned-Fix: 970820
3 enclosures

Software: telemetry

"Incorrect min, max current values on graph"

DETECTION INFORMATION

ANALYSIS INFORMATION

Detection method[*]: Planned Test Evaluate engineer: tjohnson
Detected in phase[*]: System I&T B
Test Case ID: FUI-2110B Assigned to: kfregeol
Build ID: Patch 9/PDB 12-OPS Affect Subsystem[*]: FUI
Platform ID: SUN Analysis time (hrs): 1
Test Site[*]: EOC Est. fix time (hrs): 1
Severity (1=Showstopper)[*]: 2

Related-DR:

SUBMITTER INFORMATION

Submitter: dlevin
Address: dlevin@puff

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Bug ID: ECSed08332 FOS_TEST_B Assigned-Verify 970829
CLOSE defect report Verified 970829
Closed 970915

RESOLUTION INFORMATION

CLOSING INFORMATION:

Resolutions[*]: source code Closing accepted by: lsheckle
Resolved by:
SLOC: 20
Fixing time (hrs): 5
Documentation affected (Y/N)? N
When_fixed:

TESTING INFORMATION:

Assigned test engineer: skomenda

VERIFICATION INFORMATION

Test Status (Pass/Fail)? P
Elapsed test time (hrs): 1
Attachments (Y/N)? N (dlevin@puff)

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***** Problem *****

Please describe the problem you are experiencing below, including what you did, what you expected to happen, and what actually happened:

"Loss of Decom on I/Q chans."

DETECTION INFORMATION

Detection method[*]: Planned Test
Detected in phase[*]: M&O Operations
Test Case ID: ECT-2
Build ID: ECT-2
Platform ID:
Test Site[*]: EOC
Severity (1=Showstopper)[*]: 2

ANALYSIS INFORMATION

Evaluate engineer: tjohnson
Assigned to: kchristo
Affect Subsystem[*]: TLM
Analysis time (hrs): 1
Est. fix time (hrs): 1

Related-DR:

SUBMITTER INFORMATION

Submitter: Dawn Levin (Loral)
Address: dlevin@puff

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Bug ID: ECSed08130
CLOSE defect report

FOS_TEST_B

Assigned-Verify 970911

Verified 971125

Closed 971201

RESOLUTION INFORMATION

Resolutions[*]: source code
Resolved by: dgrimes
SLOC: 1
Fixing time (hrs): 1
Documentation affected (Y/N)? N
When_fixed:

CLOSING INFORMATION:

Closing accepted by:

TESTING INFORMATION:

Assigned test engineer: skomenda

VERIFICATION INFORMATION

Test Status (Pass/Fail)? : P
Elapsed test time (hrs): 1
Attachments (Y/N)? N (dchannel@puff)

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***** Problem *****

Please describe the problem you are experiencing below, including what you did, what you expected to happen, and what actually happened:

Decom processes seems to drop from I chan or Q chan quite often each decom loss requires a string disconnect, a check for remaining processes and a reconnect to the string.

A.D. Lampe
7/2/97

***** Analysis (Added 970806 by tjohnson) *****

This problem may have gone away with patch 10, due to a major overhaul of telemetry processing.

Maybe this should be retested with patch 10 software before it is investigated further.

***** Resolution (Added 970910 by kchristo) *****

This NCR was related to decom's performance. With the change in parameter server design, this NCR should be re-tested.

Kyle Christoff
Sept. 10, 1997

***** Verification (Added 971125 by dchannel) *****

Ran packgen and flowed data for approx. 15 min. Decom processes remained up on both the I & Q channels - Patch 2.0.4.

Dave Channell 11/24/97

***** Action Taken (Added 971201 by bseaman) *****

Closed by NCr Review board

12/1/97

***** History *****

xdds 970805 160955 Submitted to FOS_TEST_B by dlevin@puff
xdds 970805 161050 Enclosure "Problem" added by dlevin
xdds 970806 094436 N -> A (Assigned-Eval to tjohnson) by tjohnson
xdds 970806 094442 A -> O by tjohnson
xdds 970806 094546 Enclosure "Analysis" added by tjohnson
xdds 970910 100245 O -> R (Resolution = source code) by
xdds 970910 100249 Fields modified by kchristo
xdds 970910 100348 Enclosure "Resolution" added by kchristo

VERIFICATION INFORMATION

Test Status (Pass/Fail)?: P

Elapsed test time (hrs): 1

Attachments (Y/N)? N (lsheckle@puff)

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***** Problem *****

Please describe the problem you are experiencing below, including what you did, what you expected to happen, and what actually happened:

The user can't remove parameters from a table. The first parameter is removed but the user is unable to select a second parameter to remove.

Nick Lutzio

***** Analysis *****

Please describe your analysis to this problem:

This is not reproducible in the EDF. Recommend retrying in B.

***** Resolution (Added 970709 by lsheckle) *****

Retry, In B

lsheckle (07/09/97)

***** Action Taken (Added 970715 by cramsey) *****

This fix was verified by the integration team.

***** History *****

xddts 961106 212700 Submitted to FOS_TEST_A by dlevin@puff

xddts 961106 212756 Enclosure "Problem" added by dlevin

Resolved by:
SLOC: 1
Fixing time (hrs): 1
Documentation affected (Y/N)? N
When_fixed: B

TESTING INFORMATION:
Assigned test engineer: skomenda

VERIFICATION INFORMATION
Test Status (Pass/Fail)?: P
Elapsed test time (hrs): 1
Attachments (Y/N)? N (lsheckle@puff)

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***** Problem *****

Please describe the problem you are experiencing below, including what you did, what you expected to happen, and what actually happened:

A 1 second request can not be submitted. The user received a prior statistics report and found the SDU_PACKET_SEQ at 12:00:00:000. Submitted a request from 12:00:00:000 to 12:00:01:000 and found no data. F-ANA-03015

Nick Lutzio

***** Analysis *****

Please describe your analysis to this problem:

***** Resolution (Added 970709 by tjohnson) *****

Needs to be retested with release B software.

***** Verification (Added 970829 by lsheckle) *****

Fix verified during AT.

Nancy Herndon 8/27/97

SUBMITTER INFORMATION

Submitter: Ron Johnson
Address: rjohnson@puff

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Bug ID: ECSed06128
CLOSE defect report

FOS_TEST_B Assigned-Verify 970819
Verified 971023
Closed 971028

RESOLUTION INFORMATION

CLOSING INFORMATION:

Resolutions[*]: design
Resolved by: kchristo
SLOC: 1
Fixing time (hrs): 1
Documentation affected (Y/N)? N
When_fixed:

Closing accepted by:

TESTING INFORMATION:

Assigned test engineer: skomenda

VERIFICATION INFORMATION

Test Status (Pass/Fail)?: P
Elapsed test time (hrs): 1
Attachments (Y/N)? N (wscannel@puff)

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***** Problem (Added at 970415 by rjohnson) *****

FOS Release 1.1.0
ODB version 6
MIS_IR_CAMERA_AN28V has a red low limit of '-400.000000'. The polynomial conversion equation (y= 3.58288E-02 x + -1.90664E-13) requires 'x' to have a negative value and the parameter data type is unsigned word integer (UI) when its data type should be a two's complements signed word integer (SI). Therefore, the current data type UI does not support detection of red low limit violations.

Originator: Diane Womack (IV&V) on 02/21/97

***** Resolution (Added 970723 by kchristo) *****

After speaking with DMS, it would take quite an effort to resolve this NCR in the spirit with which it was written. The NCR states that since a

particular parameter's limit vlaue is negative, then the parameters in that equation must be able to be negative; that is, have data type of SI. This is not necessarily true, since the constants in the equation may make the result positive or negative. The validation required of DMS would be to look at the limit value, and then parse the equation to determine if all values able to be held by the type of all parameters in the equation could result in that limit value. DMS could easily look at the limit value and look at the type of all parameters in that equation and produce a warning saying that, in this case, the limit value was negative and a parameter's data type is not able to hold negative numbers; but this warning would not really mean anything since without examining the equation, it would not be known what kind of results could come from the equation. This examination of equation is beyond the scope the database validation process.

Kyle Christoff
July 23, 1997

***** Verification (Added 971023 by wscannel) *****
The Resolution is correct. The examination of a polynomial equation to determine if a limit is obtainable is beyond the scope of the database validation process.

Rick Scannell
10/23/97

***** Action Taken (Added 971028 by dlevin) *****
Closed by NCR Review Board

10/28/97

***** History *****
webif 970415 165645 Submitted by rjohnson from ronpwrmac.gsfc.nasa.gov
xddts 970502 115927 N -> A (Assigned-Eval to kchristo) by tjohnson
xddts 970702 111612 A -> O by tjohnson
xddts 970709 103711 Fields modified by rbrauns
xddts 970723 120321 O -> R (Resolution = design) by
xddts 970723 121352 Enclosure "Resolution" added by kchristo
xddts 970723 122858 enclosure "Resolution" edited by kchristo
xddts 970819 085723 R -> T by
xddts 971023 171436 T -> V by wscannel
xddts 971023 172047 Enclosure "Verification" added by wscannel
xddts 971028 135346 V -> C by
xddts 971028 135413 Enclosure "Action Taken" added by dlevin

***** Problem *****

Please describe the problem you are experiencing below, including what you did, what you expected to happen, and what actually happened:

Not all parameters are getting to the parameter server due to shared memory area being too small

***** Resolution (Added 970723 by kchristo) *****

The amount of shared memory has been increased.

Kyle Christoff
Jul 23, 1997

***** Verification (Added 970804 by tjohnson) *****

This is fixed in patch 9

***** Action Taken (Added 970814 by dlevin) *****

Closed by NCR Review Board.

***** History *****

xddts 970618 101518 Submitted to FOS_TEST_B by dgrimes@puff
xddts 970618 101612 Enclosure "Problem" added by dgrimes
xddts 970624 140348 N -> A (Assigned-Eval to tjohnson) by rbrauns
xddts 970702 110937 A -> O by tjohnson
xddts 970709 103901 Fields modified by rbrauns
xddts 970723 120029 O -> R (Resolution = source code) by
xddts 970723 120108 Enclosure "Resolution" added by kchristo
xddts 970723 122809 enclosure "Resolution" edited by kchristo
xddts 970804 131602 R -> T by
xddts 970804 131604 T -> V by tjohnson
xddts 970804 131615 Enclosure "Verification" added by tjohnson
xddts 970814 104055 V -> C by
xddts 970814 104140 Enclosure "Action Taken" added by dlevin

Please describe the problem you are experiencing below, including what you did, what you expected to happen, and what actually happened:

The attached listing of the Telemetry Archive file shows the first filename as `AM1 1995 28300'. This file was generated only after processing some CODA data from the CODA Driver. Even though the filename contains the correct year/day/hour, there is no extension (such as .CDA). The filename should contain an extension, and this extension must be recognized by the processes that retrieve archived CODA data eg. during replay.

John Rubenacker
7/21/97

***** Resolution (Added 970825 by tjohnson) *****
The code was modified to put the '.EDOS' file extension on the CODA archive files.

***** Verification (Added 970825 by tjohnson) *****
Verified during testing (patch 11)

John Rubenacker
8/25/97

***** Action Taken (Added 970915 by lsheckle) *****

This NCR fix was verified by the integration/test team.

lsheckle 9/15/97

***** History *****

xddts 970721 152221 Submitted to FOS_TEST_B by dlevin@puff
xddts 970721 152547 Enclosure "Problem" added by dlevin
xddts 970722 121127 N -> A (Assigned-Eval to tjohnson) by cwmurphy
xddts 970722 123842 A -> O by tjohnson
xddts 970825 143619 O -> R (Resolution = source code) by
xddts 970825 143625 R -> T by
xddts 970825 143628 T -> V by tjohnson
xddts 970825 143657 Enclosure "Resolution" added by tjohnson
xddts 970825 143709 Enclosure "Verification" added by tjohnson
xddts 970829 155954 enclosure "Verification" edited by dlevin
xddts 970915 145905 V -> C by lsheckle

xddts 970915 145922 Enclosure "Action Taken" added by lsheckle

Bug ID: ECSed04724 FOS_TEST_B Submitted: 961122
CLOSE defect report Assigned-Eval: 961126
Assigned-Fix: 961126
Software: telemetry 5 enclosures

"Graphs: The wrong value is getting graphed at data dropout"

DETECTION INFORMATION ANALYSIS INFORMATION
Detection method[*]: Planned Test Evaluate engineer: tjohnson
Detected in phase[*]: Acceptance Test
Test Case ID: TLM-2040A Assigned to: bkennedy
Build ID: P6 Affect Subsystem[*]: TLM
Platform ID: SUN/DEC Analysis time (hrs): 10
Test Site[*]: EOC Est. fix time (hrs): 10
Severity (1=Showstopper)[*]: 2

Related-DR:

SUBMITTER INFORMATION
Submitter: Dawn Levin (Loral)
Address: dlevin@puff

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Bug ID: ECSed04724 FOS_TEST_B Assigned-Verify 970804
CLOSE defect report Verified 970804
Closed 970813

RESOLUTION INFORMATION CLOSING INFORMATION:
Resolutions[*]: not a bug Closing accepted by:
Resolved by: kchristo
SLOC: 0
Fixing time (hrs): 0
Documentation affected (Y/N)? N
When_fixed: B

TESTING INFORMATION:
Assigned test engineer: tjohnson

VERIFICATION INFORMATION
Test Status (Pass/Fail)?: P

Elapsed test time (hrs): 1
Attachments (Y/N)? N (tjohnson@puff)

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***** Problem *****

Please describe the problem you are experiencing below, including what you did, what you expected to happen, and what actually happened:

The parameter EDS_Cycle_Count jumps to a value of 2 on the graph display for the last update. The user ran 35 packets of Health & Safety data. The cycle count should go from 0 to 1 at packet 32 and 1 to 2 at packet 64.

Nick Lutzio

***** Analysis *****

Please describe your analysis to this problem:
Suspect telemetry performance problem.

***** Resolution (Added 970729 by kchristo) *****

If the EDS_Cycle_Count is supposed to show the cycle number of Health & Safety data, it goes for 0 to 31. If the user sent 35 packets, the final update should then be 2. At packet 32, the cycle count would go from 31 to 0. The same is true at packet 64.

Kyle Christoff
July 29, 1997

***** Verification (Added 970804 by tjohnson) *****

This is fixed in patch 10

***** Action Taken (Added 970813 by dlevin) *****

Closed by NCR Review Board.

***** History *****

RESOLUTION INFORMATION

Resolutions[*]: source code
Resolved by: dgrimes
SLOC: 2
Fixing time (hrs): 1
Documentation affected (Y/N)? N
When_fixed:

CLOSING INFORMATION:

Closing accepted by: lsheckle

TESTING INFORMATION:

Assigned test engineer: tjohnson

VERIFICATION INFORMATION

Test Status (Pass/Fail)? : P
Elapsed test time (hrs): 1
Attachments (Y/N)? N (tjohnson@puff)

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***** Problem *****

Please describe the problem you are experiencing below, including what you did, what you expected to happen, and what actually happened:

Telemetry packets being dropped or lost "CCSDS packet sequence error"
See attached.

Ken McKenzie
7/2/97

***** Analysis (Added 970806 by tjohnson) *****

This may no longer be a problem with patch 10.
Performance is greatly improved with patch 10,
so packets are not dropped.

***** Verification (Added 970825 by tjohnson) *****

With patch 10/11 I ran housekeeping on I and Q
simultaneously. No packets were dropped.

***** Action Taken (Added 970915 by lsheckle) *****

Closed 970915

RESOLUTION INFORMATION

Resolutions[*]: unreproducible
Resolved by: cwmurphy
SLOC: 0
Fixing time (hrs): 1
Documentation affected (Y/N)? N
When_fixed:

CLOSING INFORMATION:

Closing accepted by: lsheckle

TESTING INFORMATION:

Assigned test engineer: cwmurphy

VERIFICATION INFORMATION

Test Status (Pass/Fail)? P
Elapsed test time (hrs): 1
Attachments (Y/N)? N (cwmurphy@puff)

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***** Problem *****

Please describe the problem you are experiencing below, including what you did, what you expected to happen, and what actually happened:

There are lots of HKI files in the tlm archive directory yet when an analysis request is submitted using any time EXCEPT AM1 199723418.HKI the request fails. The only time I could get a request to run was using 199723418. HCI

Nancy Herndon
8/24/97

***** Verification (Added 970831 by cwmurphy) *****

Other files were used for the analysis request portion of the FOS concurrent ops/performance test

CW Murphy
8/31/97

***** Action Taken (Added 970915 by lsheckle) *****

This NCR fix was verified by the integration/test team.

Closed 970915

RESOLUTION INFORMATION

Resolutions[*]: source code
Resolved by: krobair
SLOC: 5
Fixing time (hrs): 2
Documentation affected (Y/N)? N
When_fixed:

CLOSING INFORMATION:

Closing accepted by: lsheckle

TESTING INFORMATION:

Assigned test engineer: tjohnson

VERIFICATION INFORMATION

Test Status (Pass/Fail)? P
Elapsed test time (hrs): 1
Attachments (Y/N)? N (tjohnson@puff)

Page 2/2

***** Problem *****

Please describe the problem you are experiencing below, including what you did, what you expected to happen, and what actually happened:

FaPrParameter Registry looking in home directory for ParmDataOdf_1.0.

***** Verification (Added 970825 by tjohnson) *****

verified with patch 11

***** Action Taken (Added 970915 by lsheckle) *****

This NCR fix was verified by the integration/test team.

lsheckle 9/15/97

***** History *****

xdds 970521 132756 Submitted to FOS_INTEGR_B by bappelba@puff
xdds 970521 132834 Enclosure "Problem" added by bappelba
xdds 970521 132842 N -> A (Assigned-Eval to bappelba) by bappelba

When_fixed: B

TESTING INFORMATION:

Assigned test engineer: lmarr

VERIFICATION INFORMATION

Test Status (Pass/Fail)?: P

Elapsed test time (hrs): 1

Attachments (Y/N)? N (lsheckle@puff)

Page 2/2

***** Problem *****

Please describe the problem you are experiencing below, including what you did, what you expected to happen, and what actually happened:

The user has no way of customizing the graph. The only thing the user can do is pick the parameters to be displayed on the graph.

F-FUI-07350

07355

07380

07385

07390

07391

Nick Lutzio Nov 3,1996

***** Analysis *****

Please describe your analysis to this problem:

Capabilities to format a graph will be added in release B

***** Resolution (Added 970709 by lsheckle) *****

Try in B.

lsheckle (0709/97)

***** Action Taken (Added 970715 by cramsey) *****

This fix was verified by the integration team.

Bug ID: ECSed04710
CLOSE defect report

FOS_TEST_B

Assigned-Verify 970710

Verified 970710

Closed 970715

RESOLUTION INFORMATION

Resolutions[*]: unreproducible
Resolved by: kchristo
SLOC: 0
Fixing time (hrs): 1
Documentation affected (Y/N)? N
When_fixed: B

CLOSING INFORMATION:

Closing accepted by: cwmurphy

TESTING INFORMATION:

Assigned test engineer: skomenda

VERIFICATION INFORMATION

Test Status (Pass/Fail)? P
Elapsed test time (hrs): 1
Attachments (Y/N)? N (tjohnson@puff)

Page 2/2

***** Problem *****

Please describe the problem you are experiencing below, including what you did, what you expected to happen, and what actually happened:

Attached snaps show that only 2 of 5 housekeeping parameters were updated on the "EUConv" display page, but 4 of these 5 parameters were updated on the "Housekeeping" display page. Similar problems showed up for H&S and standby tlm. For H&S only 3 of 5 parameters were updated in the "EUConv" page, but all 5 were updated in the "oneparmHS" page. For standby no parameters were updated in "EUConv" page.

John Rubenacker

***** Analysis *****

Please describe your analysis to this problem:

I don't know of any telemetry parameters not being decommutated into the correct parameter server.

***** Resolution *****

Please describe your resolution to this problem:

Detection method[*]: Planned Test Evaluate engineer: tjohnson
Detected in phase[*]: System I&T B
Test Case ID: EDOS-2000B Assigned to: kfregeol
Build ID: Patch 7 Affect Subsystem[*]: FUI
Platform ID: User Stationfossws25 Analysis time (hrs): 1
Test Site[*]: EOC Est. fix time (hrs): 1
Severity (1=Showstopper)[*]: 2

Related-DR:

SUBMITTER INFORMATION

Submitter: Dawn Levin (Loral)
Address: dlevin@puff

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Bug ID: ECSed07509 FOS_TEST_B Assigned-Verify 970714
CLOSE defect report Verified 970714
Closed 970721

RESOLUTION INFORMATION

Resolutions[*]: unreproducible
Resolved by: tjohnson
SLOC: 1
Fixing time (hrs): 1
Documentation affected (Y/N)? N
When_fixed:

CLOSING INFORMATION:

Closing accepted by: cwmurphy

TESTING INFORMATION:

Assigned test engineer: skomenda

VERIFICATION INFORMATION

Test Status (Pass/Fail)? P
Elapsed test time (hrs): 1
Attachments (Y/N)? N (tjohnson@puff)

Page 2/2

***** Problem *****

Please describe the problem you are experiencing below, including what you did, what you expected to happen, and what actually happened:

The "Replay type" field in the Replay Controller window does not provide any options from which to select. An Event message appeared containing the statement "Replay Service Request contains invalid Replay Data Type." (The event message should be changed to distinguish between "Data Type" and "Replay Type"). See attachment in NCR book.

John Rubenacker

Severity (1=Showstopper)[*]: 2

Related-DR:

SUBMITTER INFORMATION

Submitter: dpeters

Address: dpeters@puff

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Bug ID: ECSed08607

FOS_TEST_B

Assigned-Verify 970908

CLOSE defect report

Verified 970908

Closed 970915

RESOLUTION INFORMATION

CLOSING INFORMATION:

Resolutions[*]: source code

Closing accepted by: lsheckle

Resolved by: dpeters

SLOC: 2

Fixing time (hrs): 1

Documentation affected (Y/N)? N

When_fixed:

TESTING INFORMATION:

Assigned test engineer: tjohnson

VERIFICATION INFORMATION

Test Status (Pass/Fail)? P

Elapsed test time (hrs): 1

Attachments (Y/N)? N (tjohnson@puff)

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***** Problem *****

Please describe the problem you are experiencing below, including what you did, what you expected to happen, and what actually happened:

Get error when trying to retrieve from ActivityWebClient.

***** Verification (Added 970908 by tjohnson) *****

Verified with patch 11

Bug ID: ECSed08306
CLOSE defect report

FOS_TEST_B

Assigned-Verify 970829

Verified 970829

Closed 970915

RESOLUTION INFORMATION

CLOSING INFORMATION:

Resolutions[*]: source code

Closing accepted by: lsheckle

Resolved by:

SLOC: 20

Fixing time (hrs): 5

Documentation affected (Y/N)? N

When_fixed:

TESTING INFORMATION:

Assigned test engineer: skomenda

VERIFICATION INFORMATION

Test Status (Pass/Fail)? P

Elapsed test time (hrs): 1

Attachments (Y/N)? N (dlevin@puff)

***** Problem *****

Please describe the problem you are experiencing below, including what you did, what you expected to happen, and what actually happened:

When packgen was running during at the table did update but stopped shortly after a few seconds. Requirments items b&e of F-FUI-07400 not statified note: the table was updating with the same time and values for a 50 mnemonic table.

Gail Warner-Figueroa
8/8/97

***** Analysis (Added 970819 by tjohnson) *****

I do not understand the problem description.
Did the table begin updating and stop? Or is
Gail saying that all of the values did not update?

***** Verification (Added 970829 by dlevin) *****

Fix verified during testing. (Patch 11)

SUBMITTER INFORMATION

Submitter: mcampbel
Address: mcampbel@puff

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Bug ID: ECSed08404 FOS_TEST_B Assigned-Verify 970922
CLOSE defect report Verified 971027
Closed 971028

RESOLUTION INFORMATION

Resolutions[*]: configuration
Resolved by: jbrown
SLOC: 0
Fixing time (hrs): 1
Documentation affected (Y/N)? N
When_fixed:

CLOSING INFORMATION:

Closing accepted by:

TESTING INFORMATION:

Assigned test engineer: skomenda

VERIFICATION INFORMATION

Test Status (Pass/Fail)? P
Elapsed test time (hrs): 0.5
Attachments (Y/N)? Y (gwarner@puff)

Page 2/2

***** Problem *****

Please describe the problem you are experiencing below, including what you did, what you expected to happen, and what actually happened:

Schematics is missing a file

***** resolution (Added 970819 by mcampbel) *****

Added the file rthci.cmd to the data directory.

***** verification (Added 971027 by gwarner) *****

Gail Wraner-Figueroa

10/27/97

Fix verified on drop 2.0.1 at the EOC - the file 'rthci.cmd' that was added is located in the bin

SUBMITTER INFORMATION

Submitter: krobair
Address: krobair@puff

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Bug ID: ECSed08603 FOS_TEST_B Assigned-Verify 970908
CLOSE defect report Verified 970908
Closed 970915

RESOLUTION INFORMATION

Resolutions[*]: source code
Resolved by: krobair
SLOC: 1
Fixing time (hrs): 1
Documentation affected (Y/N)? N
When_fixed:

CLOSING INFORMATION:

Closing accepted by: lsheckle

TESTING INFORMATION:

Assigned test engineer: tjohnson

VERIFICATION INFORMATION

Test Status (Pass/Fail)?: P
Elapsed test time (hrs): 1
Attachments (Y/N)? N (tjohnson@puff)

Page 2/2

***** Problem *****

Need a dummy variable added or else RogueWave does evil things

***** Verification (Added 970908 by tjohnson) *****

Verified working in patch 11

***** Action Taken (Added 970915 by lsheckle) *****

This NCR fix was verified by the integration/test team.

lsheckle 9/15/97

Documentation affected (Y/N)? N

When_fixed:

TESTING INFORMATION:

Assigned test engineer: skomenda

VERIFICATION INFORMATION

Test Status (Pass/Fail)? : P

Elapsed test time (hrs): 1

Attachments (Y/N)? N (nherndon@puff)

Page 2/2

***** Problem *****

Please describe the problem you are experiencing below, including what you did, what you expected to happen, and what actually happened:

I created an Analysis Request and saved it to a file in the directory "/net/beeper/fosb/int/AM1/data/FUI/requests". I closed the Analysis Request Builder window. Sometime later, I brought the window back up and attempted to open the file I saved earlier. An error dialog came up. It read "Error opening file " and then the filename. The filename and directory are correct as they appear in the error dialog. Also the file exists in that directory.

***** Resolution (Added 970702 by tjohnson) *****

This problem could not be reproduced with patch 7 software.

***** Verification (Added 971013 by nherndon) *****

nherndon 10/13/97 Verified EOC - Unable to duplicate the problem in patch 11.

***** Action Taken (Added 971028 by dlevin) *****

Closed by NCR Review Board

10/28/97

***** History *****

xdds 970430 190358 Submitted to FOS_INTEGR_B by tjohnson@puff

Resolutions[*]: source code Closing accepted by: nherndon
Resolved by: alui
SLOC: 15
Fixing time (hrs): 10
Documentation affected (Y/N)? N
When_fixed: IST

TESTING INFORMATION:
Assigned test engineer: skomenda

VERIFICATION INFORMATION
Test Status (Pass/Fail)? P
Elapsed test time (hrs): 1
Attachments (Y/N)? N (dlevin@puff)

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***** Problem *****

Please describe the problem you are experiencing below, including what you did, what you expected to happen, and what actually happened:

F-ANA-03015 An analysis request should be 1 second or greater. The time selector accepts a 0 second duration.

Failed Verification
Nancy Herndon 2/27/97

***** Analysis *****

Please describe your analysis to this problem:

The analysis request window needs to check to make sure the time entered is 1 second or greater.

***** Resolution *****

Please describe your resolution to this problem:

Modified code to do a proper comparison of the time values.

FuTsPairTimeSelectorWin.C

***** History *****

xddts 961009 110957 Submitted to FOS_TEST_A by dlevin@puff
xddts 961009 111102 Enclosure "Problem" added by dlevin

Bug ID: ECSed03500
CLOSE defect report

FOS_TEST_B

Assigned-Verify 970520

Verified 970709

Closed 970709

RESOLUTION INFORMATION

CLOSING INFORMATION:

Resolutions[*]: source code

Closing accepted by: cwmurphy

Resolved by:

SLOC: 1

Fixing time (hrs): 1

Documentation affected (Y/N)? N

When_fixed: B

TESTING INFORMATION:

Assigned test engineer: nherndon

VERIFICATION INFORMATION

Test Status (Pass/Fail)? P

Elapsed test time (hrs): 0

Attachments (Y/N)? N (lsheckle@puff)

Page 2/2

***** Problem *****

Please describe the problem you are experiencing below, including what you did, what you expected to happen, and what actually happened:

Deselection of a filtered subsystem in the selection filter takes too long. It has taken up to 10 minutes at times if the number of parameters listed in the available parameters text area is large.

***** Analysis *****

Please describe your analysis to this problem:

***** Resolution (Added 970709 by lsheckle) *****

Cannot reproduce problem.

***** Action Taken (Added 970709 by lsheckle) *****

Related-DR:

SUBMITTER INFORMATION

Submitter: lsheckle
Address: lsheckle@puff

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Bug ID: ECSed08728 FOS_POST_RRR Assigned-Verify 971112
CLOSE defect report Verified 971119
Closed 971201

RESOLUTION INFORMATION

CLOSING INFORMATION:

Resolutions[*]: not a bug Closing accepted by:
Resolved by: ereiter
SLOC: 0
Fixing time (hrs): 8
Documentation affected (Y/N)? N
When_fixed: 2.0.3

TESTING INFORMATION:

Assigned test engineer: skomenda

VERIFICATION INFORMATION

Test Status (Pass/Fail)? P
Elapsed test time (hrs): 0
Attachments (Y/N)? N (dhyde@puff)

Page 2/2

***** Problem *****

Please describe the problem you are experiencing below, including what you did, what you expected to happen, and what actually happened:

Do not know the particulars of how gnd contacts times will be received by the EOC.

REQ F-PAS-10437

Stan Washington
8/30/97

***** Resolution (Added 971021 by ereiter) *****

The EOC shall provide the capability to receive AM-1 backup ground station contact times. This is done by the FOT calling the NCC and scheduling a

Test Site[*]: EOC Est. fix time (hrs): 8
Severity (1=Showstopper)[*]: 2

Related-DR:

SUBMITTER INFORMATION

Submitter: lsheckle
Address: lsheckle@puff

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Bug ID: ECSed08713 FOS_POST_RRR Assigned-Verify 971112
CLOSE defect report Verified 971121
Closed 971201

RESOLUTION INFORMATION

Resolutions[*]: source code
Resolved by: lwoods
SLOC: 0
Fixing time (hrs): 8
Documentation affected (Y/N)? N
When_fixed: 2.0.2

CLOSING INFORMATION:

Closing accepted by:

TESTING INFORMATION:

Assigned test engineer: skomenda

VERIFICATION INFORMATION

Test Status (Pass/Fail)? P
Elapsed test time (hrs): 0
Attachments (Y/N)? N (dhyde@puff)

Page 2/2

***** Problem *****

Please describe the problem you are experiencing below, including what you did, what you expected to happen, and what actually happened:

No SSR plot was shown with an MISR mode of science-calibrations or MODIS mode science day. The plots were there the day before.

Stan Washington
8/29/97

***** Resolution (Added 971007 by lwoods) *****

An association between the AM1 MISR resource and the AM1 MISR SSR buffer

resource has been added to the database. As a result, plots should now appear on the Timeline for the AM1 MISR SSR buffer resource when the AM1 MISR resource is placed in Science Calibration mode.

As far as MODIS is concerned, plots should appear on the Timeline for the AM1 MODIS SSR buffer resource when the AM1 MODIS resource is placed in Science Day mode.

***** Verification (Added 971121 by tcollins) *****

Created 2 activities (one for modis one for misr) which contained modes that would affect the SSR buffers for each instrument. MISR SSR was updating accordingly (with Science Calibration and other modes). MODIS SSR did not update against Science and Outgas & Science modes. However, upon investigation, the database does not contain a datarate for any MODIS modes. Hence, no MODIS mode will cause a MODIS SSR change.

***** Verification Too (Added 971121 by tcollins) *****

Upon investigation, the MODIS Formatter Resource contains modes that do cause datarates. Creating an activity that contains modes for the MODIS Formatter and then scheduling the activity, the MODIS SSR updates the data consumption accordingly.

***** Action Taken (Added 971201 by bseaman) *****

Closed by NCR Review Board

12/1/97

***** History *****

xddts 970831 191457 Submitted to FOS_TEST_B by lsheckle@puff
xddts 970831 191548 Enclosure "Problem" added by lsheckle
xddts 970831 195137 N -> A (Assigned-Eval to dhyde) by cwmurphy
xddts 970902 151728 A -> O by dhyde
xddts 971007 081949 Enclosure "Resolution" added by lwoods
xddts 971007 082030 enclosure "Resolution" deleted by lwoods
xddts 971007 083927 Enclosure "Resolution" added by lwoods
xddts 971009 111629 O -> R (Resolution = source code) by
xddts 971112 132829 R -> T by
xddts 971121 095400 Enclosure "Verification" added by tcollins
xddts 971121 163645 Enclosure "Verification Too" added by tcollins

VERIFICATION INFORMATION

Test Status (Pass/Fail)? P

Elapsed test time (hrs): 0

Attachments (Y/N)? N (dhyde@puff)

Page 2/2

***** Problem *****

Please describe the problem you are experiencing below, including what you did, what you expected to happen, and what actually happened:

Tried to schedule a contact on the timeline and was not allowed due to ALTER a HGA. Slew activity beyond the open plan. Plan was open for 10 days and it included the previous contact & slew activities.

Stan Washington
8/29/97

***** Resolution (Added 971021 by ereiter) *****

Could not duplicate this problem. The Database could have been corrupted. In patch 2.0.1 there is a problem when slew activities are created. The resource models don't update themselves, so the user must bring down the resource model and start it again. If all of the resource models are not brought down the allocation scheduling will not work. But the last tracking state may stay in the system, making that no contacts can be scheduled thereafter until that state is deleted from the database.

This problem is corrected in patch 2.0.3

***** Verification (Added 971124 by ereiter) *****

I was able to schedule several contacts without a problem.

Verified in integration patch 2.0.4 - sun - userstation
dec - dataserver

***** Action Taken (Added 971201 by bseaman) *****

Closed by NCR Review Board

12/1/97

***** History *****

xddts 970831 191635 Submitted to FOS_TEST_B by lsheckle@puff
xddts 970831 191753 Enclosure "Problem" added by lsheckle
xddts 970831 194838 N -> A (Assigned-Eval to dhyde) by cwmurphy
xddts 970902 151805 A -> O by dhyde
xddts 971021 150907 Enclosure "Resolution" added by ereiter
xddts 971021 155824 O -> R (Resolution = unreproducible) by
xddts 971112 132848 R -> T by
xddts 971124 070951 Enclosure "Verification" added by ereiter
xddts 971124 093638 T -> V by dhyde
xddts 971201 144124 V -> C by
xddts 971201 144135 Enclosure "Action Taken" added by bseaman

Bug ID: ECSed08023 FOS_POST_RRR Submitted: 970730
CLOSE defect report Assigned-Eval: 970730
Assigned-Fix: 970731
Software: scheduling 4 enclosures

"Need to change disallowed act Def. - F-PAS-00805"

DETECTION INFORMATION ANALYSIS INFORMATION
Detection method[*]: Planned Test Evaluate engineer: dhyde
Detected in phase[*]: System I&T B
Test Case ID: PAS-2200B Assigned to: cchachul
Build ID: P8 Affect Subsystem[*]: PAS
Platform ID: Sun Support Analysis time (hrs): 0
Test Site[*]: EOC Est. fix time (hrs): 8
Severity (1=Showstopper)[*]: 2

Related-DR:

SUBMITTER INFORMATION
Submitter: Dawn Levin (Loral)
Address: dlevin@puff

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Bug ID: ECSed08023 FOS_POST_RRR Assigned-Verify 971113
CLOSE defect report Verified 971119
Closed 971128

RESOLUTION INFORMATION CLOSING INFORMATION:
Resolutions[*]: process Closing accepted by:
Resolved by: cchachul
SLOC: 0

Fixing time (hrs): 2
Documentation affected (Y/N)? Y
When_fixed: 2.0.3

TESTING INFORMATION:
Assigned test engineer: skomenda

VERIFICATION INFORMATION
Test Status (Pass/Fail)? P
Elapsed test time (hrs): 0
Attachments (Y/N)? N (dhyde@puff)

Page 2/2

***** Problem *****

Please describe the problem you are experiencing below, including what you did, what you expected to happen, and what actually happened:

Disallowed Acts should be hard constraint violators. Therefore, disallowed acts are not allowed in DAS. DAS will not be created. Re-word to ID disallowed acts within a mission schedule. Before generating a DAS.

Stan Washington
7/23/97

***** Resolution (Added 971112 by cchachul) *****

An RTM CCR has been generated which makes the following changes to requirement F-PAS-00805:

F-PAS-00805 The FOS shall identify all disallowed activities that are between the start and end times for the mission schedule.
Clarification text: Disallowed activities are activities which cause hard constraint violations.

***** Verification (Added 971119 by dhyde) *****

Verified that CCR submitted

***** Action Taken (Added 971128 by bseaman) *****

Closed by NCR Review board

11/24/97

RESOLUTION INFORMATION

Resolutions[*]: source code
Resolved by: jyu
SLOC: 0
Fixing time (hrs): 8
Documentation affected (Y/N)? N
When_fixed: 2.0.2

CLOSING INFORMATION:

Closing accepted by:

TESTING INFORMATION:

Assigned test engineer: skomenda

VERIFICATION INFORMATION

Test Status (Pass/Fail)?: P
Elapsed test time (hrs): 0
Attachments (Y/N)? N (dhyde@puff)

Page 2/2

***** Problem *****

Please describe the problem you are experiencing below, including what you did, what you expected to happen, and what actually happened:

Cannot insert a proc into an activity the activity definer core dumps.

(Re-Write)

Stan Washington
8/21/97

***** Resolution (Added 971009 by jyu) *****

Modified FpAdProcWin::setParamList and FpAdProcWin::changParm to take procedure parameters properly.

***** Verification (Added 971124 by lwoods) *****

Activities can now be created containing procedures with arguments. This NCR has been verified in the integration area for release 2.0.4.

***** Action Taken (Added 971201 by bseaman) *****

Bug ID: ECSed08798
CLOSE defect report

FOS_POST_RRR Assigned-Verify 971112
Verified 971119
Closed 971201

RESOLUTION INFORMATION

Resolutions[*]: unreproducible
Resolved by: tcollins
SLOC: 0
Fixing time (hrs): 4
Documentation affected (Y/N)? N
When_fixed: 2.0.3

CLOSING INFORMATION:

Closing accepted by:

TESTING INFORMATION:

Assigned test engineer: skomenda

VERIFICATION INFORMATION

Test Status (Pass/Fail)? P
Elapsed test time (hrs): 0
Attachments (Y/N)? N (dhyde@puff)

Page 2/2

***** Problem *****

Please describe the problem you are experiencing below, including what you did, what you expected to happen, and what actually happened:

Constraint Violation are displayed on the time line.

Stan Washington
8/28/97

***** Resolution (Added 971029 by tcollins) *****

Insufficient data to determine/test problem.

Constraints, like activities, must be created before using.

I am assuming activities were scheduled onto a plan, and then a constraint was created and entered into the system which WOULD have created a constraint violation. If the constraint was created BEFORE the activities were scheduled the violation would appear.

***** Verification (Added 971119 by dhyde) *****

Not a bug - Agree with Resolution

Submitter: dlevin
Address: dlevin@puff

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Bug ID: ECSed09332 FOS_POST_RRR Assigned-Verify 971112
CLOSE defect report Verified 971124
Closed 971201

RESOLUTION INFORMATION

Resolutions[*]: source code
Resolved by: jyu
SLOC: 0
Fixing time (hrs): 4
Documentation affected (Y/N)? N
When_fixed: 2.0.3

CLOSING INFORMATION:

Closing accepted by:

TESTING INFORMATION:

Assigned test engineer: skomenda

VERIFICATION INFORMATION

Test Status (Pass/Fail)? P
Elapsed test time (hrs): 0
Attachments (Y/N)? N (dhyde@puff)

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***** Problem *****

Please describe the problem you are experiencing below, including what you did, what you expected to happen, and what actually happened:

Save As function not working properly. When using this option, the old version is overwritten with values to be saved in new version. This results in 2 versions with the same contents.

Ed Rodriguez
7/15/97

***** Resolution (Added 971030 by jyu) *****

This problem is cause by direct modification of activities in the activity pool. When the activity definer loads an activity from the pool, the tool allow modifications to this activity. As a result, these modifications stay with the activity in the pool even if the use decides to cancel these changes.

FpAdAppl's openAct function was modified to fix this problem. In openAct,

Test Case ID: User's Guide Assigned to: dhyde
Build ID: Rel B P7 Affect Subsystem[*]: PAS
Platform ID: OPS LAN Analysis time (hrs): 0
Test Site[*]: EOC Est. fix time (hrs): 0
Severity (1=Showstopper)[*]: 2

Related-DR:

SUBMITTER INFORMATION

Submitter: dlevin
Address: dlevin@puff

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Bug ID: ECSed09333 FOS_POST_RRR Assigned-Verify 971112
CLOSE defect report Verified 971124
Closed 971201

RESOLUTION INFORMATION

Resolutions[*]: source code
Resolved by: ereiter
SLOC: 0
Fixing time (hrs): 0
Documentation affected (Y/N)? N
When_fixed: 2.0.3

CLOSING INFORMATION:

Closing accepted by:

TESTING INFORMATION:

Assigned test engineer: skomenda

VERIFICATION INFORMATION

Test Status (Pass/Fail)?: P
Elapsed test time (hrs): 0
Attachments (Y/N)? N (dhyde@puff)

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***** Problem *****

Please describe the problem you are experiencing below, including what you did, what you expected to happen, and what actually happened:

Activity Definition descriptions are not being saved along with the Activity when system tools are brought down and brought back up.

Ed Rodriguez
7/15/97

"Time Line Crashed Closing Plan"

DETECTION INFORMATION

Detection method[*]: Planned Test
Detected in phase[*]: System I&T B
Test Case ID: PAS-2035B
Build ID: P9
Platform ID: SUN/OPS/Copper
Test Site[*]: EOC
Severity (1=Showstopper)[*]: 2

ANALYSIS INFORMATION

Evaluate engineer: dhyde
Assigned to: tcollins
Affect Subsystem[*]: PAS
Analysis time (hrs): 0
Est. fix time (hrs): 4

Related-DR:

SUBMITTER INFORMATION

Submitter: dlevin
Address: dlevin@puff

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Bug ID: ECSed08537 FOS_POST_RRR Assigned-Verify 971112
CLOSE defect report Verified 971121
Closed 971128

RESOLUTION INFORMATION

Resolutions[*]: source code
Resolved by: tcollins
SLOC: 0
Fixing time (hrs): 4
Documentation affected (Y/N)? N
When_fixed: 2.0.2

CLOSING INFORMATION:

Closing accepted by:

TESTING INFORMATION:

Assigned test engineer: skomenda

VERIFICATION INFORMATION

Test Status (Pass/Fail)? : P
Elapsed test time (hrs): 0
Attachments (Y/N)? N (dhyde@puff)

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***** Problem *****

Please describe the problem you are experiencing below, including what you did, what you expected to happen, and what actually happened:

Timeline crashed closing a plan (Master Plan) while several other plans were open.

Saved core file on OPS LAN

CORE.TL.08-07
Could not duplicate

Stan Washington
8/7/97

***** Analysis (Added 971003 by dhyde) *****

Had same problem

If have some plans open, select close from file menu. TL asks if you want to save. After save completes, tries to snap to plan that was just closed.

Purify detected a FMR (free memory read) from the plan pool, on snapToNewPlan

- David

***** Resolution (Added 971006 by tcollins) *****

FpRmPlanMgr::saveNewPlan was not handling unhose versioning properly. During a Close, if the user wanted to save the plan, the plan would save, and because of the unhose version problem, attempt to unhose itself. Well, in the process the timeline had also sent a plan close message, so the resource model was in the process of closing the plan that the timeline was unhosing...

Problem fixed...

***** Verification (Added 971121 by tcollins) *****

Opened 4 different plans, and on 2 of the plans I scheduled activities and also saved the plans. Closed all plans using the File->Close selection on the timeline. No errors were encountered.

***** Action Taken (Added 971128 by bseaman) *****

Closed by NCR Review Board

11/24/97

***** History *****

xddts 970825 150623 Submitted to FOS_TEST_B by dlevin@puff
xddts 970825 150734 Enclosure "Problem" added by dlevin
xddts 970826 100814 N -> A (Assigned-Eval to dhyde) by dhyde
xddts 970826 100818 A -> O by dhyde
xddts 970930 171113 Fields modified by lsheckle
xddts 971003 162931 Enclosure "Analysis" added by dhyde
xddts 971006 141459 Enclosure "Resolution" added by tcollins
xddts 971009 111529 O -> R (Resolution = source code) by
xddts 971112 132517 R -> T by
xddts 971121 095523 Enclosure "Verification" added by tcollins
xddts 971121 161818 T -> V by dhyde
xddts 971128 121116 V -> C by
xddts 971128 121127 Enclosure "Action Taken" added by bseaman

Bug ID: ECSed09445 FOS_POST_RRR Submitted: 971020
CLOSE defect report Assigned-Eval: 971020
Assigned-Fix: 971020
Software: scheduling 4 enclosures

"Timeline DAS Vertical Line and Load Generator Lock times not in synch"

DETECTION INFORMATION ANALYSIS INFORMATION
Detection method[*]: Planned Test Evaluate engineer: dhyde
Detected in phase[*]: M&O Exercise
Test Case ID: User Guide Review Assigned to: dhyde
Build ID: Rel B Affect Subsystem[*]: PAS
Platform ID: P8 Analysis time (hrs): 0
Test Site[*]: EOC Est. fix time (hrs): 0
Severity (1=Showstopper)[*]: 2

Related-DR:

SUBMITTER INFORMATION
Submitter: dlevin
Address: dlevin@puff

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Bug ID: ECSed09445 FOS_POST_RRR Assigned-Verify 971112
CLOSE defect report Verified 971119
Closed 971201

RESOLUTION INFORMATION CLOSING INFORMATION:
Resolutions[*]: not a bug Closing accepted by:

Resolved by: dhyde
SLOC: 0
Fixing time (hrs): 0
Documentation affected (Y/N)? N
When_fixed: 2.0.3

TESTING INFORMATION:
Assigned test engineer: skomenda

VERIFICATION INFORMATION
Test Status (Pass/Fail)? P
Elapsed test time (hrs): 0
Attachments (Y/N)? N (dhyde@puff)

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***** Problem *****

Please describe the problem you are experiencing below, including what you did, what you expected to happen, and what actually happened:

1. After Load Generation, the User is unable to schedule Activities past the vertical line indicating when a DAS was last generated. When attempting to schedule an Activity on the Timeline, an error message is displayed indicating that the Resource is locked.
2. When "Show Locks" is performed from the Load Generator window, the "Locked" time shows a value 12 hours past the time indicated by the vertical line on the Timeline.

Ed Rodriguez
8/5/97

***** Resolution (Added 971020 by dhyde) *****

This can happen three different ways.

- 1) If an activity spans the DAS line, the lock time on that resource will be set to the end of the Activity, not the DAS time.
- 2) If a user is running the Load Generator in test mode, allowing them to modify the DAS Start time, a user can generate a DAS before the previous DAS. This will move the DAS line back, but lock times will remain where they were. For example

Generate a DAS for 1997/200 00:00:00 - 1997/201 00:00:00
Both DAS & Lock times set to 1997/201 00:00:00
Generate a DAS for 1997/200 00:00:00 - 1997/200 12:00:00
DAS time now set to 1997/200 12:00:00, but lock time is still 1997/201

Test Site[*]: EDF Est. fix time (hrs): 4
Severity (1=Showstopper)[*]: 2

Related-DR:

SUBMITTER INFORMATION

Submitter: tcollins
Address: tcollins@puff

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Bug ID: ECSed08266 FOS_POST_RRR Assigned-Verify 971112
CLOSE defect report Verified 971124
Closed 971128

RESOLUTION INFORMATION

Resolutions[*]: source code
Resolved by: tcollins
SLOC: 100
Fixing time (hrs): 8
Documentation affected (Y/N)? N
When_fixed: 2.0.2

CLOSING INFORMATION:

Closing accepted by:

TESTING INFORMATION:

Assigned test engineer: skomenda

VERIFICATION INFORMATION

Test Status (Pass/Fail)? P
Elapsed test time (hrs): 0
Attachments (Y/N)? N (dhyde@puff)

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***** Problem *****

Please describe the problem you are experiencing below, including what you did, what you expected to happen, and what actually happened:

Created constraint for a Mode MUST not be during am1 event s/c day.
Instead of finding all occurrences where Mode overlapped event and reporting violation, the rm generated violation for every occurrence of event.

***** Resolution (Added 970925 by tcollins) *****

Modified FpScCommandable::forceModeStates/remModeStates

Previously, when each mode state was forced/scheduled, constraints would be

checked against it.

Example-

Act 1 has 3 modes
mode 1 start +00:00:00
mode 2 start +01:00:00
mode 3 start +02:00:00

As mode 1 is scheduled, it extends until infinity, then constraints are checked
As mode 2 is scheduled, mode 1 is removed, and rescheduled to proper time,
constraints are rechecked for mode 1. Mode 2 is scheduled to infinity
and constraints are checked.

Mode 3 is same as mode 2.

Problem, modes scheduled to early in the game. As a solution, I find the
affected interval over which the modes were scheduled, perform a findStates
over that interval (finding the 3 scheduled modes) and THEN perform the constraint
check. Similar fashion for remModeStates.

***** Verification (Added 971123 by tcollins) *****

Created a constraint - MISR mode Science Calibration must not be during
AM1 Event S/C Night/Day.

Created an activity on MISR that contained 4 mode transitions, which included
Science Calibration.

Added FDD data to database (1997/329 - 1997/330) and scheduled activity.

Received only 2 constraints, which were related to constraint. Did not receive
violation event message for every occurrence of S/C Night/Day.

***** Action Taken (Added 971128 by bseaman) *****

Closed by NCR Review Board

11/24/97

***** History *****

xdds 970813 181912 Submitted to PAS_B by tcollins@puff
xdds 970813 182027 Enclosure "Problem" added by tcollins
xdds 970813 184302 N -> A (Assigned-Eval to dhyde) by dhyde
xdds 970813 184308 A -> O by dhyde
xdds 970813 184337 O -> O by dhyde
xdds 970925 142805 O -> R (Resolution = source code) by

VERIFICATION INFORMATION

Test Status (Pass/Fail)?: P

Elapsed test time (hrs): 0

Attachments (Y/N)? N (dhyde@puff)

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***** Problem *****

Please describe the problem you are experiencing below, including what you did, what you expected to happen, and what actually happened:

Since the ability of adding Slew activities has been added, resource models are not updated with the new activities. If a user on a UserStation creates acts, recycles their resource model, schedules contact, then saves plan, the Data Server merges the plan with its version of the resource model. Since the resource model on the Data server was not recycled, the slew activities are not known and thus are removed from the Master plan.

In all, database corruption.

Workaround - After creating slew activities, recycle all resource models before scheduling contacts.

Fix is in Patch 2.0.3

Tom Collins
10/20/97

***** Resolution (Added 971020 by ereiter) *****

Fixed in Patch 2.0.3 - the resource model knows how to update itself.

***** Verification (Added 971124 by ereiter) *****

Verified by scheduling a communication contact and therefore its slews were scheduled. Then I saved the plan and the other merged plans had the slew activities scheduled. This was verified on patch 2.0.4 in the integration area. Sun - userstation Dec- dataserver.

Bug ID: ECSed06984
CLOSE defect report

FOS_TEST_B

Assigned-Verify 970708

Verified 970708

Closed 970715

RESOLUTION INFORMATION

CLOSING INFORMATION:

Resolutions[*]: source code

Closing accepted by: cwmurphy

Resolved by: yadeleka

SLOC: 1

Fixing time (hrs): 1

Documentation affected (Y/N)? N

When_fixed:

TESTING INFORMATION:

Assigned test engineer: skomenda

VERIFICATION INFORMATION

Test Status (Pass/Fail)? P

Elapsed test time (hrs): 1

Attachments (Y/N)? N (tjohnson@puff)

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***** Problem *****

Please describe the problem you are experiencing below, including what you did, what you expected to happen, and what actually happened:

Presently, the decom and memorydump process send parameters to the old ParameterServer. A new efficient ParameterServer has been developed and Decom/MemoryDump incorporate these new changes into its code.

***** Resolution (Added 970611 by kchristo) *****

Changed FtCoTlmAppl.C to instantiate a new parameter server proxy object.

***** Verification (Added 970708 by tjohnson) *****

The telemetry processes are using the new Parameter Servers. This is evident because the new Parameter Servers are being started up by the string manager, and the new parameter servers receive telemetry updates when packGen is run.

RESOLUTION INFORMATION

Resolutions[*]: source code
Resolved by: lwoods
SLOC: 0
Fixing time (hrs): 2
Documentation affected (Y/N)? N
When_fixed: 2.0.3

CLOSING INFORMATION:

Closing accepted by:

TESTING INFORMATION:

Assigned test engineer: skomenda

VERIFICATION INFORMATION

Test Status (Pass/Fail)? P
Elapsed test time (hrs): 0
Attachments (Y/N)? N (dhyde@puff)

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***** Problem *****

Please describe the problem you are experiencing below, including what you did, what you expected to happen, and what actually happened:

Select an activity from the list of activities on the General Scheduler. Delete the General Scheduler's selected activity using the Activity Definer. Attempt to select another activity on the General Scheduler. The General Scheduler core dumps in the function FpGsApplShell::showDefSchedInfo when it attempts to look at the last selected object which is no longer contained within the activity pool.

***** Resolution (Added 971029 by lwoods) *****

Changed FpGsAppl.cc, FpGsApplShell.cc, FpCsAppl.cc, and FpCsApplShell.cc in order to clear out previously selected activity pointer whenever the activity pool is updated in the General Scheduler and Communications Contact Scheduler.

***** Verification (Added 971123 by tcollins) *****

Created/saved 2 activities, 1 standard, 1 for contact scheduler.

Selected standard activity on the General Scheduler, and then deleted the standard activity (thru Act Definer). No errors/core.

Selected contact activity on the Contact Scheduler, and then deleted the contact activity (thru Act Definer). No errors/core.

SUBMITTER INFORMATION

Submitter: Trudy Johnson
Address: tjohnson@puff

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Bug ID: ECSed06591 FOS_TEST_B Assigned-Verify 970715
CLOSE defect report Verified 970715
Closed 970715

RESOLUTION INFORMATION

Resolutions[*]: source code
Resolved by: mcampbel
SLOC: 10
Fixing time (hrs): 1
Documentation affected (Y/N)? N
When_fixed:

CLOSING INFORMATION:

Closing accepted by: cramsey

TESTING INFORMATION:

Assigned test engineer: cramsey

VERIFICATION INFORMATION

Test Status (Pass/Fail)? P
Elapsed test time (hrs): 1
Attachments (Y/N)? N (cramsey@puff)

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***** Problem *****

Please describe the problem you are experiencing below, including what you did, what you expected to happen, and what actually happened:

The Algorithm Registration window actually comes up as two windows. One is blank, the other is titled "topLevelShell" and has all the information in it.

***** resolution (Added 970606 by mcampbel) *****

Remove duplicate instantiation of room page

***** Verification (Added 970715 by cramsey) *****

The duplicate window no longer comes up.

RESOLUTION INFORMATION

Resolutions[*]: source code
Resolved by: rmosley and cmedley
SLOC: 40
Fixing time (hrs): 1
Documentation affected (Y/N)? N
When_fixed: B

CLOSING INFORMATION:

Closing accepted by: cwmurphy

TESTING INFORMATION:

Assigned test engineer: lsheckle

VERIFICATION INFORMATION

Test Status (Pass/Fail)? P
Elapsed test time (hrs): 1
Attachments (Y/N)? N (lsheckle@puff)

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***** Problem *****

Please describe the problem you are experiencing below, including what you did, what you expected to happen, and what actually happened:

The Control Window has closed unexpectedly during two scenarios with Display_Builder. In the first instance, when Display_Builder was closed via the File Menu (Quit) of the Display_Builder Palette Window, the Control Window closed also. A snap of the UNIX status window is available. Secondly, after an attempt to TAKE GROUNDCONTROL prior to connecting to String 100, Display_Builder was selected for opening. The Control Window closed and Display_Builder did not open. Snaps of the Event_Display are available.

After the Control Window closes, the Userstation cannot be used for operations. It takes about 15 minutes to "MyKill" the user Work Station, restart it, and reconnect to the String. The workaround is to have several workstations open and connected to the String, just in case the Control Window closes unexpectedly.

Rob Messerly (SI &IT) 12/20/96 SMOdr00173

***** Analysis *****

Please describe your analysis to this problem:

Source code changed by rmosley

Test Case ID: Assigned to: dpeters
Build ID: B Affect Subsystem[*]: DMS
Platform ID: sun Analysis time (hrs): 0
Test Site[*]: EDF Est. fix time (hrs): 0
Severity (1=Showstopper)[*]: 2

Related-DR:

SUBMITTER INFORMATION

Submitter: Mark Wisniewski
Address: mwisniew@puff

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Bug ID: ECSed06426 FOS_TEST_B Assigned-Verify 970808
CLOSE defect report Verified 971109
Closed 971110

RESOLUTION INFORMATION

Resolutions[*]: source code
Resolved by:
SLOC: 20
Fixing time (hrs): 5
Documentation affected (Y/N)? N
When_fixed:

CLOSING INFORMATION:

Closing accepted by: lsheckle

TESTING INFORMATION:

Assigned test engineer: skomenda

VERIFICATION INFORMATION

Test Status (Pass/Fail)? P
Elapsed test time (hrs): 1
Attachments (Y/N)? Y (skomenda@puff)

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***** Problem *****

Please describe the problem you are experiencing below, including what you did, what you expected to happen, and what actually happened:

In dev using the Binary Load Builder.

Entries returned from a Find operation have a ValidUplinkPeriod containing start and stop times of -36524.5.

val_start_time and val_stop_time in the database on buster show values other than -36524.5.

Detection method[*]: Planned Test Evaluate engineer: sfirth
Detected in phase[*]: System I&T B
Test Case ID: Assigned to: kfregeol
Build ID: A2 Affect Subsystem[*]: FOS
Platform ID: SUN Analysis time (hrs): 1
Test Site[*]: EDF Est. fix time (hrs): 1
Severity (1=Showstopper)[*]: 2

Related-DR:

SUBMITTER INFORMATION

Submitter: Shawn Firth (Loral)
Address: sfirth@puff

Page 1/2

Bug ID: ECSed02976 FOS_TEST_B Assigned-Verify 970711
CLOSE defect report Verified 970821
Closed 970825

RESOLUTION INFORMATION

Resolutions[*]: source code
Resolved by: kfregeol
SLOC: 500
Fixing time (hrs): 80
Documentation affected (Y/N)? N
When_fixed: B

CLOSING INFORMATION:

Closing accepted by:

TESTING INFORMATION:

Assigned test engineer: mblazeje

VERIFICATION INFORMATION

Test Status (Pass/Fail)? : P
Elapsed test time (hrs): 1
Attachments (Y/N)? N (cwmurphy@puff)

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***** Problem *****

Please describe the problem you are experiencing below, including what you did, what you expected to happen, and what actually happened:

ParameterServer on the Real-Time Server and the User Station has been using over 10% of the CPU once the packet generator is turned on. If two packet generators are running, then the two ParameterServer processes eat up 20+% of the CPU. Here is output from a test:

```
sneezer{fosint2}1: ps aux
```

```
USER    PID %CPU %MEM  SZ  RSS TT    S  START TIME COMMAND
fosint2 9272 19.8 11.224352 6996 pts/3  R 15:43:15 7:15 FtDcDecom -sid 100 -sc am1 -ttype 3 -ctype
0 -chtype 2 -rate 1
fosint2 9268 19.4 14.825864 9256 pts/3  R 15:43:14 7:59 FtDcDecom -sid 100 -sc am1 -ttype 2 -ctype
0 -chtype 1 -rate 2
fosint2 9251 13.5 4.8 5564 2996 pts/3  R 15:42:12 4:44 FoPsParameterServer -sc AM1 -sid 100 -dbid
1.0 -state 1 -mode 1 -psi 1 -chtype 1
fosint2 9254 12.6 2.8 5148 1748 pts/3  R 15:42:32 4:50 FoPsParameterServer -sc AM1 -sid 100 -dbid
1.0 -state 1 -mode 1 -psi 1 -chtype 2
fosint2 9344 9.0 5.6 4328 3508 pts/4  R 17:15:47 0:11 A2tlm
fosint2 9343 8.6 3.0 2640 1880 pts/5  R 17:15:14 0:19 A2tlm
```

***** Analysis *****

Please describe your analysis to this problem:

It appears that a significant portion of the Decom and the ParameterServer processing time is taken in moving parameters between the processes.

Suggest investigating more efficient IPC mechanism and performance tuning of both applications.

***** Fixes (Added 970528 by kfregeol) *****

A new Shared Memory Portal type has been created to facilitate movement of information from Decom to the ParameterServer. Also the ParameterServer has been slightly re-architected to improve performance by reducing function call overhead and variable instantiation.

kf

***** Verification (Added 970821 by cwmurphy) *****

Recommended changes have been made to parameter server/decom interface.

***** Action Taken (Added 970825 by dlevin) *****

Closed by NCR Review Board.

***** History *****

```
xddts 960817 184530 Submitted to FOS_INTEGR_A by sfirth@puff
xddts 960817 184651 Enclosure "Problem" added by sfirth
bugs 960819 142749 N -> A (Assigned-Eval to cwilliam) by cwilliam
```


SUBMITTER INFORMATION

Submitter: Richard Broome (LORAL)
Address: rbroome@puff

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Bug ID: ECSed06168 FOS_TEST_B Assigned-Verify 970711
CLOSE defect report Verified 970711
Closed 970715

RESOLUTION INFORMATION

Resolutions[*]: source code
Resolved by: sfirth
SLOC: 10
Fixing time (hrs): 1
Documentation affected (Y/N)? N
When_fixed:

CLOSING INFORMATION:

Closing accepted by: cwmurphy

TESTING INFORMATION:

Assigned test engineer: lsheckle

VERIFICATION INFORMATION

Test Status (Pass/Fail)? P
Elapsed test time (hrs): 0
Attachments (Y/N)? Y (rbrauns@puff)

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***** Problem *****

Please describe the problem you are experiencing below, including what you did, what you expected to happen, and what actually happened:

The changes to the Timeout set function of FoIpMotiffMgrImp that were made in Release A are missing from the main branch. These changes allow FUI to specify a timeout value that prevents FUI windows from taking up all available CPU.

Suggest merging the code in the Timeout set function to main.

***** Verification (Added 970711 by rbrauns) *****

Fix verified by integration team

***** Action Taken (Added 970715 by cramsey) *****

RESOLUTION INFORMATION

Resolutions[*]: source code
Resolved by: rbroome
SLOC: 0
Fixing time (hrs): 1
Documentation affected (Y/N)? N
When_fixed: ECT1

CLOSING INFORMATION:

Closing accepted by: cwmurphy

TESTING INFORMATION:

Assigned test engineer: skomenda

VERIFICATION INFORMATION

Test Status (Pass/Fail)? P
Elapsed test time (hrs): 1
Attachments (Y/N)? N (tjohnson@puff)

Page 2/2

***** Problem *****

Please describe the problem you are experiencing below, including what you did, what you expected to happen, and what actually happened:

Telemetry update on display pages is very slow. Ran the telemetry packet generator at 6 seconds between packets and the display page was still slow

Failed still to slow 10-15 seconds behind possibly longer. D.Wake 3/7/97

note: when analyzing this NCR, see NCR #3959

Nick Lutzio October 11,1996

***** Analysis *****

Please describe your analysis to this problem:

FUI needs to determine if there is a time delay between receiving the data and displaying the data.

***** Resolution *****

Please describe your resolution to this problem:

Each dynamic page has a default update rate of 2 seconds. Therefore, every value change may not be reflected. In addition, this problem could be related to the system performance problems document edin other NCRs.

For example, the motif notifier fix should reduce the CPU usage of the dynamic page; the use of Rogue Wave 7.0.3 should increase performance.

Suggest that the test team run the appropriate tests once again to verify whether or not the system performance fixes resolve this problem.

***** Failed Ver. (Added 970116 by cwmurphy) *****
This fix was delivered as part of the ECT1 patch and failed verification by the test team.

Test team report:

FAILED.

Ran housekeeping telemetry at 2 seconds between packets and viewed the packet sequence count compared to the packet number sent by the generator. The page update was still slow.

Nick Lutzio

1/10/97

***** Second Resolution (Added 970611 by sfirth) *****

Many performance enhancements have been made to FoIp, Decom, and Parameter Server since this NCR was last tested. If this NCR fails again, please close it and open a new, more specific one dealing with performance problems and Common S/W. Although this problem manifests itself as a FUI Dynamic Page problem it is really a FoIp, Decom, and Parameter Server issue.

***** Verification (Added 970708 by tjohnson) *****

I agree with Shawn's Second Resolution. As of patch 7, the page updates are about 2 seconds behind the telemetry driver. Page updates are slowest when housekeeping data is running on both I and Q.

Detection method[*]: Unplanned Test Evaluate engineer: sfirth
Detected in phase[*]: System I&T B
Test Case ID: Assigned to: sfirth
Build ID: B.P5 Affect Subsystem[*]: FOS
Platform ID: Analysis time (hrs): 1
Test Site[*]: EDF Est. fix time (hrs): 1
Severity (1=Showstopper)[*]: 2

Related-DR:

SUBMITTER INFORMATION

Submitter: Robert Moore
Address: rmoore@puff

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Bug ID: ECSed06965 FOS_TEST_B Assigned-Verify 970929
CLOSE defect report Verified 971022
Closed 971028

RESOLUTION INFORMATION

Resolutions[*]: source code
Resolved by: rmoore
SLOC: 10
Fixing time (hrs): 1
Documentation affected (Y/N)? N
When_fixed:

CLOSING INFORMATION:

Closing accepted by:

TESTING INFORMATION:

Assigned test engineer: skomenda

VERIFICATION INFORMATION

Test Status (Pass/Fail)? P
Elapsed test time (hrs): 1
Attachments (Y/N)? N (jrubenac@puff)

Page 2/2

***** Problem *****

FoIpReconnectProxy Traditionally would take possession of the lookup endpoint passed in to the constructor. Resent changes to the proxy have chaged this. The Proxy should be changed to replace this behaviour instead of changing all of the code calling a reconnect proxy.

***** Resolution (Added 970929 by scottc) *****
Proxy was changed by S. Firth as defined in the problem statement

***** Verification (Added 971022 by jrubenac) *****
John Rubenacker
Oct. 22, 1997
Unverifiable, since Purify tool not available for testing.
Problem has already been resolved, based on conversation with Robert Moore,
Submitter.

***** Action Taken (Added 971028 by dlevin) *****
Closed by NCR Review Board

10/28/97

***** History *****
xdds 970529 110135 Submitted to FOS_INTEGR_B by rmoore@puff
xdds 970529 110342 Enclosure "Problem" added by rmoore
xdds 970529 110616 N -> A (Assigned-Eval to rmoore) by rmoore
xdds 970605 094616 A -> O by tjohnson
xdds 970611 112345 Fields modified by sfirth
xdds 970611 112505 O -> R (Resolution = source code) by
xdds 970929 122551 Enclosure "Resolution" added by scottc
xdds 970929 122603 R -> T by
xdds 971022 150723 T -> V by jrubenac
xdds 971022 150821 V -> V by jrubenac
xdds 971022 152036 V -> V by jrubenac
xdds 971022 152828 Enclosure "Verification" added by jrubenac
xdds 971028 140119 V -> C by
xdds 971028 140211 Enclosure "Action Taken" added by dlevin

Bug ID: ECSed06348 FOS_TEST_B Submitted: 970429
CLOSE defect report Assigned-Eval: 970430
 Assigned-Fix: 970611
Software: startup 4 enclosures

"Cygnus vs MIT Kerb*Net"

DETECTION INFORMATION

Detection method[*]: Unplanned Test
Detected in phase[*]: Unit Test
Test Case ID:
Build ID:
Platform ID:
Test Site[*]: EDF
Severity (1=Showstopper)[*]: 2

ANALYSIS INFORMATION

Evaluate engineer: sfirth
Assigned to: sfirth
Affect Subsystem[*]: FOS
Analysis time (hrs): 1
Est. fix time (hrs): 1

Related-DR:

SUBMITTER INFORMATION

Submitter: Rafael Trejo (LORAL)
Address: rtrejo@puff

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Bug ID: ECSed06348
CLOSE defect report

FOS_TEST_B

Assigned-Verify 000000

Verified 970711

Closed 970715

RESOLUTION INFORMATION

Resolutions[*]: no fix
Resolved by: sfirth
SLOC: 0
Fixing time (hrs): 1
Documentation affected (Y/N)? N
When_fixed:

CLOSING INFORMATION:

Closing accepted by: cwmurphy

TESTING INFORMATION:

Assigned test engineer:

VERIFICATION INFORMATION

Test Status (Pass/Fail)? P
Elapsed test time (hrs): 1
Attachments (Y/N)? N (chunter@puff)

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***** Problem *****

FOS must use the Cygnus Kerb*Net for Kerberos implementation. This is the product that NASA will export to international IST users. The current FOS system uses MIT Kerberos

Carol Chachulski 4/6/97

Please describe the problem you are experiencing below, including

what you did, what you expected to happen, and what actually happened:

***** Resolution (Added 970611 by sfirth) *****

This NCR has been overcome by events and should be CLOSED. NASA has decided NOT to use Kerberos for any external interfaces with the EOC. As a result FOS no longer has any requirements to use Kerberos of any kind.

***** verification (Added 970711 by chunter) *****

Please see resolution enclosure on reason to close.

***** Action Taken (Added 970715 by cramsey) *****

This fix was verified by the integration team.

***** History *****

xdds 970429 140113 Submitted to FOS_INTEGR_B by rtrejo@puff
xdds 970429 141142 Enclosure "Problem" added by rtrejo
xdds 970430 085815 N -> A (Assigned-Eval to sfirth) by cwilliam
xdds 970611 123638 A -> O by sfirth
xdds 970611 123652 O -> R (Resolution = no fix) by
xdds 970611 123909 Enclosure "Resolution" added by sfirth
xdds 970711 145408 R -> V by chunter
xdds 970711 145415 V -> V by chunter
xdds 970711 145419 Fields modified by chunter
xdds 970711 145422 Fields modified by chunter
xdds 970711 145448 Enclosure "verification" added by chunter
xdds 970715 132952 Enclosure "Action Taken" added by cramsey
xdds 970715 132958 V -> C by cwmurphy

Bug ID: ECSed06929
CLOSE defect report

FOS_TEST_B

Submitted: 970528

Assigned-Eval: 970528

Assigned-Fix: 970528

Software: procs

4 enclosures

"ProcBuilder/Directive Builder Crash when selecting command"

DETECTION INFORMATION

Detection method[*]: Planned Test
Detected in phase[*]: Integration
Test Case ID:
Build ID:
Platform ID:
Test Site[*]: EDF
Severity (1=Showstopper)[*]: 2

ANALYSIS INFORMATION

Evaluate engineer: lsheckle
Assigned to: kchristo
Affect Subsystem[*]: FUI
Analysis time (hrs): 1
Est. fix time (hrs): 1

Related-DR:

SUBMITTER INFORMATION

Submitter: Linda Sheckler (LORAL)
Address: lsheckle@puff

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Bug ID: ECSed06929
CLOSE defect report

FOS_TEST_B

Assigned-Verify 970725

Verified 971024

Closed 971028

RESOLUTION INFORMATION

Resolutions[*]: configuration
Resolved by: kchristo
SLOC: 1
Fixing time (hrs): 1
Documentation affected (Y/N)? N
When_fixed: B

CLOSING INFORMATION:

Closing accepted by:

TESTING INFORMATION:

Assigned test engineer: skomenda

VERIFICATION INFORMATION

Test Status (Pass/Fail)? : P
Elapsed test time (hrs): 1
Attachments (Y/N)? Y (skomenda@puff)

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***** Problem *****

Please describe the problem you are experiencing below, including what you did, what you expected to happen, and what actually happened:

1- No non command keywords are shown in Directive keywords list in Directive Builder.

2- When selecting a command from the subsystem list box the Directive builder and Proc Builder screens go away.

***** Resolution (Added 970723 by kchristo) *****

This was probably an odf problem because this does not happen today.

Kyle Christoff
July 23, 1997

***** Verification (Added 971024 by skomenda) *****

Verified by Franz Filicky on 10/23/97 at the EOC (NCC patch Release 2.0.1) on the Support LAN

***** Action Taken (Added 971028 by dlevin) *****

Closed by NCR Review Board

10/28/97

***** History *****

xdds 970528 105838 Submitted to FOS_INTEGR_B by lsheckle@puff
xdds 970528 110615 Enclosure "Problem" added by lsheckle
xdds 970528 110902 N -> A (Assigned-Eval to kfregeol) by lsheckle
xdds 970528 111038 A -> O by lsheckle
xdds 970708 111218 Fields modified by rbrauns
xdds 970723 122550 O -> R (Resolution = configuration) by
xdds 970723 122745 Enclosure "Resolution" added by kchristo
xdds 970725 134511 R -> T by
xdds 971024 084442 T -> V by skomenda
xdds 971024 084527 Enclosure "Verification" added by skomenda
xdds 971028 140002 V -> C by
xdds 971028 140026 Enclosure "Action Taken" added by dlevin

Bug ID: ECSed07625
CLOSE defect report

FOS_TEST_B

Submitted: 970710

Assigned-Eval: 970711

Assigned-Fix: 970711

Software: procs

4 enclosures

"Proc will not execute w/o 7 comments"

DETECTION INFORMATION

Detection method[*]: Planned Test
Detected in phase[*]: System I&T B
Test Case ID: FUI-2060
Build ID: P7
Platform ID: SUN
Test Site[*]: EOC
Severity (1=Showstopper)[*]: 2

ANALYSIS INFORMATION

Evaluate engineer: lsheckle
Assigned to: kfregeol
Affect Subsystem[*]: FUI
Analysis time (hrs): 1
Est. fix time (hrs): 1

Related-DR:

SUBMITTER INFORMATION

Submitter: Dawn Levin (Loral)
Address: dlevin@puff

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Bug ID: ECSed07625 FOS_TEST_B Assigned-Verify 970805
CLOSE defect report Verified 970805
Closed 970814

RESOLUTION INFORMATION

Resolutions[*]: source code
Resolved by: mwisniewski
SLOC: 10
Fixing time (hrs): 1
Documentation affected (Y/N)? N
When_fixed:

CLOSING INFORMATION:

Closing accepted by:

TESTING INFORMATION:

Assigned test engineer: lsheckle

VERIFICATION INFORMATION

Test Status (Pass/Fail)? : P
Elapsed test time (hrs): 1
Attachments (Y/N)? N (lsheckle@puff)

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***** Problem *****

Please describe the problem you are experiencing below, including what you did, what you expected to happen, and what actually happened:

Attempted to execute a proc w/o the initial seven comments defined in the template. Got error in control window but no event messages. Once the seven comments were placed in the PROC, the proc executed.

Debra Wake
7/1/97

***** Resolution (Added 970724 by mwisniew) *****

Between the comments and the beginning of the procedure the proc builder adds a null character. When the comments are not there the null is prepended to the first line of the proc. The proc controller was catching the null and not reading the rest of the line.

To test. In the proc builder open a proc which has already successfully run. Remove the comments and save it. Run it with the proc controller. If it still runs the problem is fixed.

***** Verification (Added 970805 by lsheckle) *****

Removed comments from proc which had already run successfully saved and ran again successfully.

lsheckle (7/30/97)

***** Action Taken (Added 970814 by dlevin) *****

Closed by NCR Review Board.

***** History *****

xdds 970710 175255 Submitted to FOS_TEST_B by dlevin@puff
xdds 970710 175441 Enclosure "Problem" added by dlevin
xdds 970710 175445 Fields modified by dlevin
xdds 970711 094158 N -> A (Assigned-Eval to chunter) by cwmurphy
xdds 970711 094216 A -> O by cwmurphy
xdds 970711 094220 Fields modified by cwmurphy
xdds 970724 132930 Enclosure "Resolution" added by mwisniew
xdds 970728 144515 O -> R (Resolution = source code) by
xdds 970805 121728 R -> T by
xdds 970805 121743 T -> V by lsheckle
xdds 970805 122014 Enclosure "Verification" added by lsheckle
xdds 970814 105548 V -> C by
xdds 970814 105610 Enclosure "Action Taken" added by dlevin

***** Problem *****

Please describe the problem you are experiencing below, including what you did, what you expected to happen, and what actually happened:

Brought up user station, selected rooms from Rooms, selected Room Builder from Tools and environment controlled shut down.

Bill Hill
6/11/97

***** resolution (Added 970821 by mcampbel) *****

Changed the following

FuRmCOntroller.C
FuRmRoomBuilderRequest.C
FuRmRoom.C
FuRmPasPageMng.C

***** Verification (Added 970901 by dlevin) *****

Verified at AT

Bill Hill
8/29/97

***** History *****

xdds 970710 174655 Submitted to FOS_TEST_B by dlevin@puff
xdds 970710 174822 Enclosure "Problem" added by dlevin
xdds 970711 093813 N -> A (Assigned-Eval to lsheckle) by cwmurphy
xdds 970711 093825 A -> O by cwmurphy
xdds 970821 094705 Enclosure "resolution" added by mcampbel
xdds 970821 094717 O -> R (Resolution = source code) by
xdds 970821 151418 R -> T by
xdds 970901 184014 T -> V by dlevin
xdds 970901 184041 Enclosure "Verification" added by dlevin
xdds 970915 144556 V -> C by lsheckle

what you did, what you expected to happen, and what actually happened:

Tried to start a procedure in the command control window, and an error occurred. Don't know why.

The same procedure was expanded and executed in the procedure control window until a real time command was encountered.

***** resolution (Added 970728 by wliu) *****

resolution:

problem has been fixed.

***** Verification (Added 971107 by skomenda) *****

Verified by Franz Filicky, in mini-EOC release 2.0.1.

***** Action Taken (Added 971110 by lsheckle) *****

Closed by NCR Review Board.

lsheckle 11/10/97

***** History *****

xddts 970610 160736 Submitted to FOS_INTEGR_B by chunter@puff
xddts 970610 160845 Enclosure "Problem" added by chunter
xddts 970610 160902 N -> A (Assigned-Eval to chunter) by chunter
xddts 970610 160912 A -> A (Assigned-Eval to chunter) by chunter
xddts 970610 160946 A -> O by chunter
xddts 970708 092709 Fields modified by rbrauns
xddts 970728 133127 Enclosure "resolution" added by wliu
xddts 970728 135216 O -> R (Resolution = source code) by
xddts 970808 145033 R -> T by
xddts 971107 115914 T -> V by skomenda
xddts 971107 115957 Enclosure "Verification" added by skomenda
xddts 971110 141858 V -> C by lsheckle
xddts 971110 141935 Enclosure "Action Taken" added by lsheckle

***** Problem *****

PAS needs a synchronous Activity constraint checking proxy.

***** solution (Added 970507 by rmoore) *****

Added new proxy function.

***** Failed Verification (Added 970811 by lsheckle) *****

Failed verification, tester needs more info to further test.

swashing 08/08/97

***** Resolution2 (Added 970827 by dhyde) *****

The proxy added allows the planning and scheduling activity definer to syntax check ECL directives.

To test, bring up the Activity Definer, add a new activity, then add both correct & incorrect ECL directives. You will receive an error if the directive fails the syntax check.

David Hyde
8/27/97

***** Verification (Added 971124 by lwoods) *****

Using a proxy that communicates with CMS, the Activity Definer tool now performs syntax checks on ECL directives prior to adding them to an activity. This NCR has been verified in the integration area for release 2.0.4.

***** Action Taken (Added 971128 by bseaman) *****

Closed by NCR Review Board

11/24/97

SUBMITTER INFORMATION

Submitter: Gina Moylan
Address: gmoylan@puff

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Bug ID: ECSed07129 FOS_TEST_B Assigned-Verify 970808
CLOSE defect report Verified 970808
Closed 970814

RESOLUTION INFORMATION

Resolutions[*]: source code
Resolved by: lkaye
SLOC: 5
Fixing time (hrs): 0.5
Documentation affected (Y/N)? N
When_fixed:

CLOSING INFORMATION:

Closing accepted by:

TESTING INFORMATION:

Assigned test engineer: chunter

VERIFICATION INFORMATION

Test Status (Pass/Fail)? : P
Elapsed test time (hrs): 1
Attachments (Y/N)? N (chunter@puff)

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***** Problem *****

Please describe the problem you are experiencing below, including what you did, what you expected to happen, and what actually happened:

While running Purify on Format I discovered several UMR's due to FoEcCmdDef not being intialized properly.

***** Resolution (Added 970729 by lkaye) *****

As suggested, modified the constructor in FoEcCmdDef.C to initialize all member variables

***** Verification (Added 970808 by chunter) *****

software change, see resolution

Al Hunter

Bug ID: ECSed07429
CLOSE defect report

FOS_TEST_B

Assigned-Verify 970808

Verified 970808

Closed 970814

RESOLUTION INFORMATION

CLOSING INFORMATION:

Resolutions[*]: source code
Resolved by: mcampbel
SLOC: 10
Fixing time (hrs): 1
Documentation affected (Y/N)? N
When_fixed:

Closing accepted by:

TESTING INFORMATION:

Assigned test engineer: chunter

VERIFICATION INFORMATION

Test Status (Pass/Fail)? P
Elapsed test time (hrs): 1
Attachments (Y/N)? N (chunter@puff)

***** Problem *****

Please describe the problem you are experiencing below, including what you did, what you expected to happen, and what actually happened:

May not be a good idea to cast RWCStrings to char*.

This may affect anyone using RWCStrings. Here is the scenario, if you have a function which takes a char* as an argument but you give it a RWCString.

```
foo(  
    EcTChar* bar  
)  
{  
    RWCString rwString = "this is an RWCString";  
  
    //call foo with casted rwString  
    foo((EcTChar*) rwString);  
  
    //I think we should do this instead  
    foo(rwString.data());  
}
```

I have seen this phenomenon in the fui load tools. I wrote this NCR cuz I

wanted to make some load code more correct. The cases that I changed were working but it's the kind of thing that may not work on another platform. I don't expect everyone to go perusing thru their code in search of these things; so I would expect this NCR to be assigned to me.

***** Resolution (Added 970702 by mwisniew) *****

Use data method to get char* from RWCstring when you need char*.

```
RWCString foo = "Here is a RWCString";  
EcTChar* bar = foo.data();
```

```
//I don't think the following is a good idea  
bar = (EcTChar*) foo;
```

Ya dig?

***** Verification (Added 970808 by chunter) *****

software change, see resolution

Al hunter

***** Action Taken (Added 970814 by dlevin) *****

Closed by NCR Review Board.

***** History *****

```
xddts 970702 162313 Submitted to FOS_TEST_B by mwisniew@puff  
xddts 970702 162348 Enclosure "Problem" added by mwisniew  
xddts 970702 162432 Enclosure "Resolution" added by mwisniew  
xddts 970709 093647 Fields modified by mwisniew  
xddts 970709 094619 enclosure "Problem" edited by mwisniew  
xddts 970709 094930 enclosure "Resolution" edited by mwisniew  
xddts 970709 112758 N -> A (Assigned-Eval to chunter) by cwmurphy  
xddts 970709 113158 A -> O by cwmurphy  
xddts 970721 111932 O -> R (Resolution = source code) by  
xddts 970808 143631 R -> T by  
xddts 970808 143633 T -> V by chunter  
xddts 970808 143653 Enclosure "Verification" added by chunter  
xddts 970814 104338 V -> C by  
xddts 970814 104354 Enclosure "Action Taken" added by dlevin
```


Software: load mgmt

4 enclosures

"FoEcAM1RTSDir Causes core dump with FoDebug on."

DETECTION INFORMATION

ANALYSIS INFORMATION

Detection method[*]: Unplanned Test Evaluate engineer: chunter
Detected in phase[*]: System I&T_A2
Test Case ID: Assigned to: bappelba
Build ID: A2 Affect Subsystem[*]: CMS
Platform ID: SUN Analysis time (hrs): 1
Test Site[*]: EDF Est. fix time (hrs): 1
Severity (1=Showstopper)[*]: 2

Related-DR:

SUBMITTER INFORMATION

Submitter: Robert Moore
Address: rmoore@puff

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Bug ID: ECSed05130
CLOSE defect report

FOS_TEST_B Assigned-Verify 970716
Verified 970716
Closed 970721

RESOLUTION INFORMATION

CLOSING INFORMATION:

Resolutions[*]: source code Closing accepted by: cwmurphy
Resolved by: bappelba
SLOC: 3
Fixing time (hrs): 1
Documentation affected (Y/N)? N
When_fixed:

TESTING INFORMATION:

Assigned test engineer: chunter

VERIFICATION INFORMATION

Test Status (Pass/Fail)? P
Elapsed test time (hrs): 1
Attachments (Y/N)? Y (chunter@puff)

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***** Problem *****

Please describe the problem you are experiencing below, including what you did, what you expected to happen, and what actually happened:

FoEcAM1RTSDir will cause a core dump if the BuildApplData function is

called on a directive with no subfields and FoDebug is turned on. The problem is that there is a debug segment which after processing the time on the time directive tries to print out the directive binary and also prints out the last subfields name. On a directive with no subfields this is undefined.

The fix is to remove the print of the subfield name from this segment of code.

***** Analysis *****

Please describe your analysis to this problem:
Code in debug statement is invalid

***** Resolution (Added 970604 by nclaboug) *****

Removed the print of the subfield name from this segment of code.

***** Verification (Added 970716 by chunter) *****

Have run the load catalog with FODEBUG on to process an RTS and worked fine.

Al Hunter

7/16/97

***** History *****

xdds 970130 103220 Submitted to From_A by rmoore@puff
xdds 970130 103557 Enclosure "Problem" added by rmoore
xdds 970203 162409 Fields modified by cwmurphy
xdds 970303 152425 N -> A (Assigned-Eval to chunter) by chunter
xdds 970313 081906 Fields modified by chunter
xdds 970313 082003 A -> A (Assigned-Eval to chunter) by chunter
xdds 970313 082133 Enclosure Analysis added by bappelbaum
xdds 970313 082133 A -> O by chunter
xdds 970314 190149 Fields modified by lsheckle
xdds 970403 110031 O -> R (Resolution = source code) by
xdds 970604 132555 Enclosure "Resolution" added by nclaboug
xdds 970604 132608 R -> R (Resolution = source code) by
xdds 970716 081138 R -> T by
xdds 970716 081141 T -> V by chunter
xdds 970716 081223 Enclosure "Verification" added by chunter
xdds 970721 104214 V -> C by cwmurphy

Attachments (Y/N)? N (chunter@puff)

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***** Problem *****

Please describe the problem you are experiencing below, including what you did, what you expected to happen, and what actually happened:

RTS Load Builder crashes whenever the OS decides not to set pointers to null when the process starts and the process is expecting the pointers to be null.

***** Resolution (Added 970702 by mwisniew) *****

RTS Load Builder was using myUserInfo when it's not null. But it was never set to null in the constructor. Now it is set to null.

To test. Look in constructor for FuRIRTSLoadBuilderWin, and make user myUserInfo is set to null.

***** Verification (Added 970808 by chunter) *****

code change, see resolution

AI Hunter

***** Action Taken (Added 970814 by dlevin) *****

Closed by NCR Review Board.

***** History *****

xddts 970702 162625 Submitted to FOS_TEST_B by mwisniew@puff
xddts 970702 162727 Enclosure "Problem" added by mwisniew
xddts 970702 163030 Enclosure "Resolution" added by mwisniew
xddts 970708 172847 N -> A (Assigned-Eval to chunter) by cwmurphy
xddts 970711 100902 A -> O by cwmurphy
xddts 970717 131637 O -> R (Resolution = source code) by
xddts 970808 143516 R -> T by
xddts 970808 143518 T -> V by chunter
xddts 970808 143538 Enclosure "Verification" added by chunter
xddts 970814 104416 V -> C by
xddts 970814 104434 Enclosure "Action Taken" added by dlevin

***** Problem *****

Please describe the problem you are experiencing below, including what you did, what you expected to happen, and what actually happened:

Unable to update the OPS database with soft and hard constraints for test purposes. Once the source val_cmdpdb.script, file is entered the program hangs. No error messages are displayed. Constraints are not in the validated or ops database.

Luvetta Tate
8/4/97

***** Verification (Added 970819 by cwmurphy) *****

This NCR was the result of user misunderstanding. The validation of command constraints is not part of the val_cmdpdb script. The val_conpdb script must be run.

CW Murphy

8/19/97

***** Action Taken (Added 970825 by dlevin) *****

Closed by NCR Review Board.

***** History *****

xdds 970818 090237 Submitted to FOS_TEST_B by dlevin@puff
xdds 970818 090408 Enclosure "Problem" added by dlevin
xdds 970819 105626 enclosure "Problem" edited by cwmurphy
xdds 970819 110456 Enclosure "Verification" added by cwmurphy
xdds 970819 110508 N -> A (Assigned-Eval to chunter) by cwmurphy
xdds 970819 110521 A -> O by cwmurphy
xdds 970819 110621 O -> R (Resolution = not a bug) by
xdds 970819 110626 R -> T by
xdds 970819 110633 T -> V by cwmurphy
xdds 970825 104440 V -> C by
xdds 970825 104457 Enclosure "Action Taken" added by dlevin

***** Problem *****

Please describe the problem you are experiencing below, including what you did, what you expected to happen, and what actually happened:

Attempted to delete a RTS load catalog entry, the load was not deleted because the system was looking for loadname.cnt file, however in sybase the load names do not contain .cnt.

Debra Wake
6/20/97

***** Analysis (Added 970717 by cwmurphy) *****

The RTS load builder is apparently appending the .CNT extension to the file name. See Rob Moore for additional info.

***** Resolution (Added 970730 by kfregeol) *****

Fixed by modifying the deletion function for load catalog.

***** Verification (Added 970813 by lsheckle) *****

Tester verified during AT, Patch 9.

ltate 8/6/97

***** Action Taken (Added 970819 by lsheckle) *****

Closed by NCR Review Board.

***** History *****

xddts 970708 103601 Submitted to FOS_TEST_B by dlevin@puff
xddts 970708 103745 Enclosure "Problem" added by dlevin
xddts 970708 172915 N -> A (Assigned-Eval to chunter) by cwmurphy
xddts 970711 100953 A -> O by cwmurphy
xddts 970717 094247 Fields modified by cwmurphy
xddts 970717 094451 Enclosure "Analysis" added by cwmurphy
xddts 970730 162759 Enclosure "Resolution" added by kfregeol
xddts 970730 163038 O -> R (Resolution = source code) by
xddts 970808 143455 R -> T by

VERIFICATION INFORMATION

Test Status (Pass/Fail)? : P
Elapsed test time (hrs): 1
Attachments (Y/N)? N (skomenda@puff)

Page 2/2

***** Problem *****

Please describe the problem you are experiencing below, including what you did, what you expected to happen, and what actually happened:

When the FoEc build command function finds an error in the database it throws an error which command format should catch.

***** Resolution (Added 970716 by dhurd) *****

ODF error catch block added to class FcCdRtCmd.C.

***** Action Taken (Added 971128 by bseaman) *****

Closed by NCR Review Board

11/24/97

***** History *****

xdds 970711 093704 Submitted to FOS_TEST_B by dhurd@puff
xdds 970711 093752 Enclosure "Problem" added by dhurd
xdds 970711 094920 N -> A (Assigned-Eval to chunter) by cwmurphy
xdds 970711 094935 A -> O by cwmurphy
xdds 970716 122622 O -> R (Resolution = source code) by
xdds 970716 122714 Enclosure "Resolution" added by dhurd
xdds 970808 143434 R -> T by
xdds 971118 132822 T -> V by skomenda
xdds 971128 114841 V -> C by
xdds 971128 114856 Enclosure "Action Taken" added by bseaman

CLOSE defect report

Assigned-Eval: 970806
Assigned-Fix: 970808
3 enclosures

Software: events

"Control Window filtering"

DETECTION INFORMATION

ANALYSIS INFORMATION

Detection method[*]: Planned Test Evaluate engineer: chunter
Detected in phase[*]: M&O Operations
Test Case ID: ECT-2 Assigned to: kfregeol
Build ID: ECT-2 Affect Subsystem[*]: FUI
Platform ID: Analysis time (hrs): 1
Test Site[*]: EOC Est. fix time (hrs): 1
Severity (1=Showstopper)[*]: 2

Related-DR:

SUBMITTER INFORMATION

Submitter: Dawn Levin (Loral)
Address: dlevin@puff

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Bug ID: ECSed08132
CLOSE defect report

FOS_TEST_B Assigned-Verify 970908
Verified 970908
Closed 970915

RESOLUTION INFORMATION

CLOSING INFORMATION:

Resolutions[*]: source code
Resolved by: mcampbel
SLOC: 10
Fixing time (hrs): 1
Documentation affected (Y/N)? N
When_fixed:

Closing accepted by: lsheckle

TESTING INFORMATION:

Assigned test engineer: mblazeje

VERIFICATION INFORMATION

Test Status (Pass/Fail)? P
Elapsed test time (hrs): 1
Attachments (Y/N)? N (mblazeje@puff)

Page 2/2

***** Problem *****

Please describe the problem you are experiencing below, including what you did, what you expected to happen, and what actually happened:

Detected in phase[*]: Acceptance Test
Test Case ID: ETE 2010B Regrsion Assigned to: chunter
Build ID: P11 Affect Subsystem[*]: FUI
Platform ID: DEC Analysis time (hrs): 1
Test Site[*]: EOC Est. fix time (hrs): 1
Severity (1=Showstopper)[*]: 2

Related-DR:

SUBMITTER INFORMATION

Submitter: dlevin
Address: dlevin@puff

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Bug ID: ECSed08633 FOS_TEST_B Assigned-Verify 970915
CLOSE defect report Verified 970915
Closed 970923

RESOLUTION INFORMATION

Resolutions[*]: source code
Resolved by: chunter
SLOC: 1
Fixing time (hrs): 1
Documentation affected (Y/N)? N
When_fixed:

CLOSING INFORMATION:

Closing accepted by:

TESTING INFORMATION:

Assigned test engineer: chunter

VERIFICATION INFORMATION

Test Status (Pass/Fail)? P
Elapsed test time (hrs): 1
Attachments (Y/N)? Y (chunter@puff)

Page 2/2

***** Problem *****

Please describe the problem you are experiencing below, including what you did, what you expected to happen, and what actually happened:

From Config pull-down menu off the command control window set command verification (cv) off. The window hung. Closed the window, reinitialize the window. Attempted to set the command verification off again. The window went away. system hung.

John Rubenacker
8/27/97

Severity (1=Showstopper)[*]: 2

Related-DR:

SUBMITTER INFORMATION

Submitter: dlevin

Address: dlevin@puff

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Bug ID: ECSed08635

FOS_TEST_B

Assigned-Verify 970918

CLOSE defect report

Verified 970918

Closed 970918

RESOLUTION INFORMATION

Resolutions[*]: unreproducible

Resolved by: chunter

SLOC: 0

Fixing time (hrs): 1

Documentation affected (Y/N)? N

When_fixed:

CLOSING INFORMATION:

Closing accepted by: lsheckle

TESTING INFORMATION:

Assigned test engineer: skomenda

VERIFICATION INFORMATION

Test Status (Pass/Fail)? P

Elapsed test time (hrs): 1

Attachments (Y/N)? N (lsheckle@puff)

Page 2/2

***** Problem *****

Please describe the problem you are experiencing below, including what you did, what you expected to happen, and what actually happened:

The command Control Window would not accept cmds even though connected successfully to string with command control authority. Attempted to set the uplink rate to 10kbps control a second time. This time the command control window accepted the ECL's.

John Rubenacker

8/27/97

***** Action Taken (Added 970918 by lsheckle) *****

RESOLUTION INFORMATION

Resolutions[*]: not a bug
Resolved by: dchen
SLOC: 20
Fixing time (hrs): 1
Documentation affected (Y/N)? N
When_fixed:

CLOSING INFORMATION:

Closing accepted by:

TESTING INFORMATION:

Assigned test engineer: cramsey

VERIFICATION INFORMATION

Test Status (Pass/Fail)?: P
Elapsed test time (hrs): 1
Attachments (Y/N)? N (cramsey@puff)

Page 2/2

***** Problem *****

Please describe the problem you are experiencing below, including what you did, what you expected to happen, and what actually happened:

After entering command on CMD: line the system window entered a frozen state.
After 1 min the command entered the command and was able to send a command.

KM 1/7/97

***** Analysis *****

Please describe your analysis to this problem:

***** Resolution (Added 970724 by rbrauns) *****

Unable to reproduce problem

***** Verification (Added 970810 by cramsey) *****

Was able to enter commands on the command control window without the window freezing up.

Related-DR:

SUBMITTER INFORMATION

Submitter: John Clark

Address: jclark@puff

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Bug ID: ECSed04736

FOS_TEST_B

Assigned-Verify 970807

CLOSE defect report

Verified 970807

Closed 970813

RESOLUTION INFORMATION

CLOSING INFORMATION:

Resolutions[*]: source code

Closing accepted by:

Resolved by: towen

SLOC: 0

Fixing time (hrs): 1

Documentation affected (Y/N)? N

When_fixed:

TESTING INFORMATION:

Assigned test engineer: towen

VERIFICATION INFORMATION

Test Status (Pass/Fail)? P

Elapsed test time (hrs): 0

Attachments (Y/N)? N (dhyde@puff)

Page 2/2

***** Problem *****

Please describe the problem you are experiencing below, including what you did, what you expected to happen, and what actually happened:

The EOC cannot automatically receive planning and scheduling data, from ASTER relevant requirements (RBR) impacted:

EOSD 1770 #A level4: F-PAS-10300

John Rubenacker Nov 21/96

***** Analysis *****

Please describe your analysis to this problem:

***** Resolution (Added 970527 by towen) *****

This functionality was slated for FOS release B, and is implemented in that baseline.

NOTE - this functionality was delivered in Rel B patch 0.

***** Verification (Added 970807 by dhyde) *****

Verified in stable using Patch 11 software.

***** Action Taken (Added 970813 by dlevin) *****

Closed by NCR Review Board.

***** History *****

xdds 961123 144856 Submitted to FOS_TEST_A by jclark@puff
xdds 961123 145455 Enclosure "Problem" added by jclark
xdds 961123 153504 Fields modified by jclark
xdds 961126 135735 Fields modified by cwmurphy
xdds 970114 105726 N -> A (Assigned-Eval to jclark) by jclark
xdds 970114 105805 Enclosure Analysis added by jclark
xdds 970114 105805 A -> O by jclark
xdds 970115 114222 Fields modified by dlevin
xdds 970128 152341 Fields modified by cwmurphy
xdds 970131 171625 Fields modified by lsheckle
xdds 970314 155551 Fields modified by mblazeje
xdds 970501 111624 Fields modified by dhyde
xdds 970527 104842 O -> R (Resolution = source code) by
xdds 970527 105047 Enclosure "Resolution" added by towen
xdds 970807 161243 Enclosure "Verification" added by dhyde
xdds 970807 161249 R -> T by
xdds 970807 161252 T -> V by dhyde
xdds 970813 161904 V -> C by
xdds 970813 161927 Enclosure "Action Taken" added by dlevin

Bug ID: ECSed04738
CLOSE defect report

FOS_TEST_B

Submitted: 961123

Assigned-Eval: 970711

Assigned-Fix: 970711

Software: command

5 enclosures

"Command sent to subsystem before ground script resume"

DETECTION INFORMATION

ANALYSIS INFORMATION

Detection method[*]: Planned Test Evaluate engineer: chunter
Detected in phase[*]: Acceptance Test
Test Case ID: INT-2020A Assigned to: kfregeol
Build ID: P6 Affect Subsystem[*]: FUI
Platform ID: Analysis time (hrs): 5
Test Site[*]: EOC Est. fix time (hrs): 5
Severity (1=Showstopper)[*]: 2

Related-DR:

SUBMITTER INFORMATION

Submitter: John Clark
Address: jclark@puff

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Bug ID: ECSed04738 FOS_TEST_B Assigned-Verify 970829
CLOSE defect report Verified 971029
Closed 971103

RESOLUTION INFORMATION

CLOSING INFORMATION:

Resolutions[*]: documentation Closing accepted by:
Resolved by: dchen
SLOC: 0
Fixing time (hrs): 1
Documentation affected (Y/N)? Y
When_fixed: B

TESTING INFORMATION:

Assigned test engineer: skomenda

VERIFICATION INFORMATION

Test Status (Pass/Fail)? : P
Elapsed test time (hrs): 1
Attachments (Y/N)? Y (jrubenac@puff)

Page 2/2

***** Problem *****

Please describe the problem you are experiencing below, including what you did, what you expected to happen, and what actually happened:

when a ground script was opened the first command status was "sent to subsystem" and the associated event message was generated

Greg Dvornicky 11/21/96

Moved back to 'O' state. Cannot tell if this has been fixed. If so, please provide a resolution enclosure.

Al Hunter

***** Analysis *****

Please describe your analysis to this problem:

Need to talk with tester to reproduce the problem

***** Resolution (Added 970724 by rbrauns) *****

Unable to reproduce problem

***** Verification (Added 971029 by jrubenac) *****

Veriified by F Filicky Oct 28 1997 in mini-EOC
release 2.0.1. Problem was not duplicated.

***** Action Taken (Added 971103 by dlevin) *****

Closed by NCR Review Board

11/03/97

***** History *****

xddts 961123 150031 Submitted to FOS_TEST_A by jclark@puff
xddts 961123 150201 Enclosure "Problem" added by jclark
xddts 961123 153534 Fields modified by jclark
xddts 961126 123759 N -> A (Assigned-Eval to mcampbel) by mcampbel
xddts 961126 123929 Enclosure Analysis added by dchen
xddts 961126 123929 A -> O by mcampbel
xddts 970128 161859 Fields modified by cwmurphy
xddts 970131 171717 Fields modified by lsheckle
xddts 970312 164411 Fields modified by cramsey
xddts 970422 145006 O -> R (Resolution = documentation) by
xddts 970711 161119 enclosure "Problem" edited by chunter
xddts 970711 161134 R -> A (Assigned-Eval to chunter) by chunter
xddts 970711 161139 A -> O by chunter

Assigned test engineer: skomenda

VERIFICATION INFORMATION

Test Status (Pass/Fail)? P

Elapsed test time (hrs): 1

Attachments (Y/N)? Y (jrubenac@puff)

Page 2/2

***** Problem *****

Please describe the problem you are experiencing below, including what you did, what you expected to happen, and what actually happened:

The CCW exits intermittently when the user clicks the "Kill" button. I've noticed this is most consistent when the window is in a "pending" state.

***** resolution (Added 970806 by wliu) *****

resolution:

the problem was caused by the change in DMS proxy. It has been fixed.

***** Verification (Added 971029 by jrubenac) *****

Verified by Franz Filicky on 10/29/97 in the mini-EOC release 2.0.1. The "kill" button is now "clear" button. The "clear" button was clicked numerous times after sending commands and getting commands to a "pending" state with no problems.

***** Action Taken (Added 971103 by dlevin) *****

Closed by NCR Review Board

11/03/97

***** History *****

xdds 970618 131509 Submitted to FOS_TEST_B by gmoylan@puff
xdds 970618 131612 Enclosure "Problem" added by gmoylan
xdds 970624 133955 N -> A (Assigned-Eval to chunter) by rbrauns
xdds 970709 092252 A -> O by rbrauns

TESTING INFORMATION:

Assigned test engineer: skomenda

VERIFICATION INFORMATION

Test Status (Pass/Fail)? : P

Elapsed test time (hrs): 1

Attachments (Y/N)? Y (skomenda@puff)

Page 2/2

***** Problem *****

Please describe the problem you are experiencing below, including what you did, what you expected to happen, and what actually happened:

Add load status handling routine to handle load status returned from Format.
DC 5/28/97

Moved back to 'O' state since I couldn't tell if this had been fixed. If so please provide a resolution enclosure.

Al Hunter

***** Resolution (Added 970724 by rbrauns) *****

Added Load Status handling routine.

***** Verification (Added 971107 by skomenda) *****

Verified by Al Hunter on support LAN EOC.

***** Action Taken (Added 971110 by lsheckle) *****

Closed by NCR Review Board.

lsheckle 11/10/97

***** History *****

xdds 970528 135458 Submitted to FOS_INTEGR_B by dchen@puff

xdds 970528 135627 Enclosure "Problem" added by dchen

xdds 970528 190047 N -> A (Assigned-Eval to dchen) by dchen

xdds 970528 190114 A -> O by dchen

Documentation affected (Y/N)? N
When_fixed:

TESTING INFORMATION:
Assigned test engineer: chunter

VERIFICATION INFORMATION
Test Status (Pass/Fail)? : P
Elapsed test time (hrs): 1
Attachments (Y/N)? N (chunter@puff)

Page 2/2

***** Problem *****

Please describe the problem you are experiencing below, including what you did, what you expected to happen, and what actually happened:

FOP Cmd system has major problems with CLCW checks when performing a "FOP INIT CHECK". The only time it appears to work is when you enter the frame sequence from the satellite and then perform a "FOP INIT CHECK" to get a "successfully had a CLCW check. When performing a "FOP VS=?" the message that appears is "Ground sequence number is reset to ___"

F. Filicky
7/2/97

***** Resolution (Added 970814 by dhurd) *****

This is a duplicate of 7306. The FOP task has been modified to fix the CLCW processing and FOP initialization problems.

***** Action Taken (Added 970923 by dlevin) *****

Closed by NCR Review Board.

Dawn Turner
9/23/97

***** History *****

xdds 970805 163135 Submitted to FOS_TEST_B by dlevin@puff
xdds 970805 163444 Enclosure "Problem" added by dlevin
xdds 970806 171922 N -> A (Assigned-Eval to chunter) by cwmurphy
xdds 970808 140217 A -> O by chunter

VERIFICATION INFORMATION

Test Status (Pass/Fail)?: P

Elapsed test time (hrs): 1

Attachments (Y/N)? N (skomenda@puff)

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***** Problem *****

Please describe the problem you are experiencing below, including what you did, what you expected to happen, and what actually happened:

When user enters a cmd mnemonic w/o specifying the assoc submnemoins the system returns a subfield error instead of assigning the default value. This also occurs if user inputs on of the submnemonic values and not the other ones

D.wake 11/21/96

***** Analysis *****

Please describe your analysis to this problem:

Software had a bug and was fixed.

***** Resolution *****

Please describe your resolution to this problem:

Please see Analysis attachment.

***** Action Taken (Added 970923 by dlevin) *****

Closed by NCR Review Board.

Dawn Turner

9/23/97

***** History *****

xdds 961123 151150 Submitted to FOS_TEST_A by jclark@puff

xdds 961123 151432 Enclosure "Problem" added by jclark

xdds 961123 153649 Fields modified by jclark

xdds 961202 112817 N -> A (Assigned-Eval to hdao) by dhurd

SLOC: 4
Fixing time (hrs): 0.3
Documentation affected (Y/N)? N
When_fixed:

TESTING INFORMATION:
Assigned test engineer: skomenda

VERIFICATION INFORMATION
Test Status (Pass/Fail)? P
Elapsed test time (hrs): 1
Attachments (Y/N)? N (chunter@puff)

Page 2/2

***** Problem *****

Please describe the problem you are experiencing below, including what you did, what you expected to happen, and what actually happened:

The FoEcCmdDef class access function MinTlmValue returns an integer value. The type of the variable is EcTFloat. The access function should be changed to match the type of the variable.

.

***** Analysis *****

Please describe your analysis to this problem:
The get function for MimTlmValue in the object FoEcCmdDef is returning the wrong type of value. Should be float is returning Int.

***** Verification (Added 970729 by chunter) *****

Verified by looking at FoEcCmdDef.iC and FoEcCmdDef.h. Both have the proper values being returned.

AI hunter

***** Action Taken (Added 970813 by dlevin) *****

Closed by NCR review board.

Resolved by: mwisniewski
SLOC: 20
Fixing time (hrs): 1
Documentation affected (Y/N)? N
When_fixed:

TESTING INFORMATION:
Assigned test engineer: skomenda

VERIFICATION INFORMATION
Test Status (Pass/Fail)? P
Elapsed test time (hrs): 1
Attachments (Y/N)? N (skomenda@puff)

Page 2/2

***** Problem *****

Please describe the problem you are experiencing below, including what you did, what you expected to happen, and what actually happened:

Generated a new load containing long ints. Attempted to open the load.
Crash.

***** Resolution (Added 970618 by mwisniew) *****

When displaying the data for long ints the table load builder was trying to access a variable that had not been allocated. This was a copy/paste error.

To test. Choose New from the file menu. Select a template containing long ints. Generate a new load. Choose Open from the file menu. If the table is displayed the problem is fixed.

***** verification (Added 971122 by skomenda) *****

Verified by M. Campbell 11/22 in min-EOC.
release 2.0.4
DECs

***** Action Taken (Added 971128 by bseaman) *****

Closed by NCR Review board

11/24/97

***** History *****

xddts 970618 132804 Submitted to FOS_TEST_B by mwisniew@puff
xddts 970618 132913 Enclosure "Problem" added by mwisniew
xddts 970618 133130 Enclosure "Resolution" added by mwisniew
xddts 970624 134940 N -> A (Assigned-Eval to chunter) by rbrauns
xddts 970709 100339 A -> O by rbrauns
xddts 970717 131727 O -> R (Resolution = source code) by
xddts 970808 144915 R -> T by
xddts 971122 142539 T -> V by skomenda
xddts 971122 142643 Enclosure "verification" added by skomenda
xddts 971128 114642 V -> C by
xddts 971128 114657 Enclosure "Action Taken" added by bseaman

ECSed05013 Invalid Checksums 123096 Please describe the problem you are experiencing below, including what you did, what you expected to happen, and what actually happened:

When ingesting data, STMGMT does not obtain the proper file size and checksum. Therefore, files cannot be acquired from the archived and distributed because they fail the checksum test.

As a workaround, the checksum check has been turned off. When this NCR is fixed, the checksum check must be turned back on in the code.

ECSed12813 JobMgmt: Job Mngmt deletes DPRs in different mode during cleanup 030598 Author: Joseph A Guzek at 11-ECS-1
Date: 9/24/98 8:49 AM
Priority: Normal
TO: Sheila Barriere at 11-ECS-4
TO: beth.pumphrey@gsfc.nasa.gov at Internet
CC: Earnest Matthews at 11-ECS-4
CC: Randall J Miller at 11-ecs-0
TO: Carolyn V Whitaker
Subject: Ref[2]: NCR 12813 - resolution

----- Message Contents -----

I am also OK with this as long as we clear up how the max value(s) get set.

Joe

Following is the response from Doug on the subject NCR. My recommendation is to insert Doug's response as part of the analysis enclosure and consider this eligible for closure.

Based on this message, it is now understandable that 3200 is the max, and the workaround suggestion of 4000 for other modes was just a way to resolve the deletion issue that was corrected.

My only question now is who is responsible for setting the max job values, are there instructions for doing this, and where is this documented? -- thus, I have broadened the distribution of this message - Matt, Randy: any comments?

Also, comments from Beth and Joe?

Carolyn

Forward Header

Subject: Re: NCR 12813
Author: Doug Sims at 11-ECS-4
Date: 9/23/98 11:12 AM

We have decided that the optimal number of jobs for an AutoSys instance on an Enterprise 4000 - class machine with 512 MB of memory is around 3200 jobs (400 Dprs). This number, 3200, should be divided among the active modes according to what they are doing: say 3000 for OPS and just a few - say 40 -- for SSI&T and test.

A better idea, so as not to confuse the operators, is to have one instance using 3200 jobs for OPS and another instance for SSI&T and testing.

The code was modified to only delete jobs for the mode in which Job Management was started, instead of any job in AutoSys. I.E the code was changed to look at the PDPS database for jobs to delete instead of in the AutoSys database.

- Doug

Reply Separator

Subject: NCR 12813
Author: Sheila Barriere at 11-ECS-4
Date: 9/22/98 1:44 PM

Doug,

There is some confusion between the problem and the resolution with regards to the workaround (the value of the MaxJobs). Can you take a look at it and see if you can resolve it so we can close this?

Also, the number of SLOC is 48? What was done to the code?

thanx
sheila

ECSed15213 Not receiving email notification from e0icg01 052998
Please describe your Analysis:

Per Susan Wenzel

Please close this NCR. The workaround works, and I receive mail.

Thanks,

Susan

ECSed15213 Not receiving email notification from e0icg01 052998
Please describe your verification:

Per Susan Wenzel

Please close this NCR. The workaround works, and I receive mail.

Thanks,

Susan

ECSed15213 Not receiving email notification from e0icg01 052998
Describe the Reason for closing this NCR?

Per Susan Wenzel:

Please close this NCR. The workaround works, and I receive mail.

Thanks,

Susan

ECSed15513 Data Distribution Server Crashes if Not Enough Sybase Connections 061198 PROBLEM
DESCRIPTION....

Problem verbally given to me by Gerald Lemay who is on tour here at RSC from
the LaRC DAAC.

The default number of dbmax connections for the DSS Data Distribution Server
is 40. In modes TS1 and OPS, the server can't get enough Sybase connections
and core dumps. A workaround was to reduce the dbmax connections value from
40 to 10 in the configuration file.

The main problem is that the Data Distribution Server doesn't handle the
situation of not enough Sybase connections. The requisite code needs to be
modified to more gracefully handle the situation and, if necessary, terminate
in a controlled and well-defined way.

ECSed15613 hdiff verification tool reports false errors in the metadata.d 061798
Please describe your verification:

hdiff is not currently being supported, and there is a workaround available.
Closed by CMT CCB 7/24/98.

ECSed15613 hdiff verification tool reports false errors in the metadata.d 061798
Describe the Reason for closing this NCR?

hdiff is not currently being supported, and there is a workaround available.
Closed by CMT CCB 7/24/98.

ECSed18913 Cannot Re-Run PDPS Checkout 103098 The problem is due to the fact that
when the checkout is done the static
granules for the checkout scenario are reinserted from SSIT. The reinserted
granules and the original static granules have the same file names. This
casues duplicate entries to appear in table DpPrFile and causes the

Regardless, we will make the changes here correct the .sitemap.

ECSed19317 Required File .EcTkToolkit_SUN.pkg Missing 112498 The workaround to this is described below:

```
Copy the EcTkToolkit_Sun.pkg and EcTkToolkitCore_SUN.iu from the ECS Sun tar
file DROP4PX.12_LILAC_sun5.5_19981115
/CUSTOM/.installed/TOOLKIT/.EcTkToolkitCore_SUN.iu
/CUSTOM/.installed/TOOLKIT/.EcTkToolkit_SUN.pkg
```

to the directory

```
/usr/ecs/<MODE>/CUSTOM/.installed/TOOLKIT
```

Run install and mkcfg as would normally be done following the instructions already given

ECSed15614 Hdiff is unable correctly verify the Japanese L1A hdf. 061798
Please describe your verification:

hdiff is not currently being supported, and there is a workaround available.
Closed by CMT CCB 7/24/98.

ECSed15614 Hdiff is unable correctly verify the Japanese L1A hdf. 061798
Describe the Reason for closing this NCR?

hdiff is not currently being supported, and there is a workaround available.
Closed by CMT CCB 7/24/98.

ECSed17814 SDSRV: Granule lost after server crash 091498 Workaround for testing:

Insert missing granule manually using the SSIT tool InsertTestFile.

Get a new UR back on the screen.

Manually edit PDPS database to update tables DpPrFile
and PIDatagranuleShort with the new UR.

This workaround enables the downstream PGE to Acquire
the granule for testing.
It is not acceptable for operational processing.

Tom !. 14-Sep-98

ECSed19014 DMS Installation Overwriting IOS lib Files On IOS Host 110598 This TT is being written
for promotion to an ECS NCR "2-critical,
mode TS1, drop 4PX.10, l0ins02, ReIB0_DMS".

The installation for the Data Management Subsystem "DMS" on
l0ins02 is also installing files into the lib/IOS directory.

Host l0ins02 has an existing IOS component that is installed as

a part of a normal drop or patch installation. The DMS installation could overwrite this installation, and any workarounds or customization that had been performed as a part of the IOS install process.

A scenarios could exist where a patch delivery updates the IOS software, and a subsequent re-installation of DMS would overwrite the patch with the older software.

The DMS installation also installs files into the lib/MSS directory. This is not currently a problem on l0ins02, as MSS is not normally installed there, but there is no future guarantee that this will be the case.

If files/libraries are required by more than one subsystem, they should be placed in a common location to ensure that they are only installed once.

"LaRC TT #1020"

ECSed10115 TOOLKIT: Sun pgs-dev-env.csh file has incorrect directories 112497 Please describe your resolution to this problem:

This issue was discussed with Leo Magday:

Apparently for drop 1 TS1 mode at the GSFC DAAC, the installation team simply tar'd up the files on the machines in the VATC, moved the files to GSFC and untar'd them onto the analogous machines. The Toolkit installation script had already been run, so that the Toolkit files were overwritten with the VATC versions.

This should NOT occur for drop 2 on, since ECS Assist is now being used to install the ECS system.

Two possible workarounds for drop 1:

- 1) rerun the Toolkit INSTALL script
- 2) edit the file to correct the line that's incorrect

ECSed11015 install ghostview on M&O 122997 Install Ghostview

To print web documents, I have entered netwcape on e0mos01 then downloaded postscript files. The downloads have aborted because ghostview is not in my command search path. My workaround was to download the files on edcsns1. The better approach would be to install ghostview on e0mos01.

ECSed11415 EcInGran process core dumps during preprocessing (TOOLKIT related) 011898 Analysis 2/12/98 (S. Cantrell)

Attempted to build current (Drop 4) GranServer with the DROP3_BASE label of Toolkit. This combination of Ingest and Toolkit still core dumped.

Moved the Toolkit build label back to DROP2_BASE label of Toolkit with the Drop 4 GranServer which removed the core dump problem.

RECOMMENDED WORKAROUND: Utilize DROP2_BASE label of Toolkit with the Drop 4 GranServer. This workaround is related to the following NCRs:

ECSed11565
ECSed11567
ECSed11476

This workaround resolves the known Toolkit related core dump in Granserver however, additional analysis is required to resolve the occasional core dump encountered when running multiple DAN requests (NCR ECSed12165).

To completely resolve this NCR further must be done to identify Toolkit changes to the specific file level. At that time the developers will be able to understand the exact nature of the change within that file that caused this problem.

ECSed13115 A Second SDSRV ToolKit Core Dump 031398 PROBLEM DESCRIPTION...
A second Core Dump was received in SDSRV while processing Landsat LPS data, when the workaround for the ToolKit error was already invoked (see NCR ECSed13114). In this case, development says the core dump looks similar, but not quite the same as the one referenced ECSed13114. Also, the stack was not corrupted in this case.

Development is working on this. A fix, if available, should be provided in Drop4 code. This core dump has been seen two times so far in the VATC.

A copy of the core dump is available in the EDF in /home/sdsrv/sdsrv2.core. See messages below from the Debug file.

Debug...

```
SDProxy::Ctor: modePart: OPS
SDProxy::Ctor: cellName: /.../vatccell.vatc.ecs.nasa.gov
SDProxy::Ctor: groupName: EcDsStStagingDiskServerDRP1
SDProxy::Ctor: Client path: ./subsys/ecs/OPS/EcDsStStagingDiskServerDRP1
Obtaining server binding
After Staging Disk Server Instantiator
EditMTAForScene
  origMTAFileName =
  /usr/ecs/OPS/CUSTOM/drp/t1drg01/data/staging//user4/L71EDC139617207013.MTA
  sceneNum = 1
  sceneMTAFileName =
  /usr/ecs/OPS/CUSTOM/drp/t1drg01/data/staging//user2/L71EDC139617207013.MTA
func:FindAndReplaceValue:Could not find replacement parameter BAND7_GAIN in aggregate
WRS_SCENE_01
func:FindAndReplaceValue:Could not find replacement parameter BAND8_GAIN in aggregate
WRS_SCENE_01
EditMTAForScene
  origMTAFileName = /usr/ecs/OPS/CUSTOM/drp/t1drg01/data/staging//user4/L7_withoutB81.MTA
  sceneNum = 1
  sceneMTAFileName =
  /usr/ecs/OPS/CUSTOM/drp/t1drg01/data/staging//user2/L7_withoutB81.MTA
func:FindAndReplaceValue:Could not find replacement parameter BAND1_GAIN in aggregate
WRS_SCENE_01
func:FindAndReplaceValue:Could not find replacement parameter BAND2_GAIN in aggregate
WRS_SCENE_01
```

func:FindAndReplaceValue:Could not find replacement parameter BAND3_GAIN in aggregate WRS_SCENE_01

func:FindAndReplaceValue:Could not find replacement parameter BAND4_GAIN in aggregate WRS_SCENE_01

func:FindAndReplaceValue:Could not find replacement parameter BAND5_GAIN in aggregate WRS_SCENE_01

Event filter from .ACFG file : 2

Priority Set in code : 2

Sending event to MSS without ERC

MsAgPathFinder: AgentLog - /usr/ecs/SHARED/CUSTOM/logs/MsAgMssLogFile_OPS.log

Event filter from .ACFG file : 2

Priority Set in code : 2

Sending event to MSS without ERC

MsAgPathFinder: AgentLog - /usr/ecs/SHARED/CUSTOM/logs/MsAgMssLogFile_OPS.log

Event filter from .ACFG file : 2

Priority Set in code : 2

Sending event to MSS without ERC

ECSed17715 .EcDsStDISTSRVR_EDC.pkg missing servers 091098 The .iu files for the common set of STMGT drivers was not included in the daac-extended .EcDsStDISTSRVR_EDC.pkg file called out in the .sitemap file. Since the common set was available in the .EcDsStDISTSRVR.pkg file, I copied them into the .EcDsStDISTSRVR_EDC.pkg file as a workaround.

- Jim VerMeer

ECSed11716 FOS Manual '97 012998 Since the Schematic Builder does not open from the list of tools, use the following

workaround by entering these commands from an xterm: 1) setenv SCRIPT UserStation

2) source FosEnvVars or IstEnvVars, whichever is applicable 3) rtdraw. To start

the schematic page updating, click Cmds and select Load View. Disregard the error message, "Current view not saved, retrieve anyway" and respond "Yes".

Type the name of the page you wish to open or click Browse to open a list of available files. Click the run button on the left.

ECSed11816 Unable to allocate media device - Error 013198 After entering all information on the Media Ingest GUI screen and clicking on the "OK" button, a pop up error window appears which reads:

"Unable to allocate media device". All workaround instructions that were given to test personnel during Drop 2 were followed and executed but the problem still occurs.

IMPACT:

Unable to ingest from D3 tape.

ECSed11816 Unable to allocate media device - Error 013198 Please describe your verification:

Executed TS0600.1 - ASTER Data Ingest and Archive Test (this is the SV version of the AT test that was executed when the NCR was generated / the same steps are in both test cases).

The first execution failed to allocate a media device. After analysis by development a problem in the STMTG database was found (refer to ECSed13172). After a workaround was put in place for the database problem the media device was successfully allocated.

Since the original problem concerning missing files during the merge of the code has been fixed this NCR will be verified.

Note the other NCR (ECSed13172) is still outstanding.

ECSed15916 Local Procs cannot be executed from the control window of ISTs 063098 Please describe the problem you are experiencing below, including what you did, what you expected to happen, and what actually happened:

Local procs which are defined, syntax checked, and validated on the IST cannot be executed from the control window. (In this case, a proc to request multiple ASTER telemetry pages.) The following error dialog message appeared:

"Exception captured in ControlWindow:
Syntax error: FePcProcController is no longer functional...
at line 5."

The workaround is to execute the procs via the Procedure Control Window. Unexpectedly...this worked (in step mode).

Debbie Ramey
6/21/98

ECSed16516 PLS DB: missing -\$\$\$SERVER command in EcPIDbThreshold for an isql command 072998 Please describe your Analysis:

EcPIDbThreshold has within it a utility script called check_db whose purpose is to verify that the database actually exists before the main script tries to do anything with it. The check_db script uses isql, and, like any script using isql, it should pass username, password, and server information as parameters. Due to a "cut-and-paste" error, the server parameter was omitted in the isql statement in check_db. When the server parameter is omitted, the server name defaults to the value of the environment variable DSQUERY, but apparently this variable was not set in the VATC or was set to the wrong value. Hence, the database did not appear to exist and so the script halted.

The simplest (and best) solution is to add SERVER as a parameter to the call to isql in check_db, as described in the workaround in the problem statement.

Note: This same problem was also found to be present in EcPIDbDumpTran, EcPIDbLoad, EcPIDbLoadTran, and EcPIDbStat. It should be fixed in all of these scripts as part of closing out this NCR.

-- G. Dobbins 7/30/98

ECSed17516 Installation instructions are incorrect for DPS/TOOLKIT 082898 IMPACT....

The system can not run PGEs because the links that are created using the instructions are incorrect. The only workaround is to delete previously created links and to rerun the DPS mkcfg with the correct entry for TOOLKIT_DIR. PGEs will then run successfully.

ECSed18116 Missing ASTER Expedited Records from the InDataTypeTemplategsfc.data 092898 IMPACT....

Some of the ASTER Expedited data may not be successfully ingested and archived. Minimal impact since a simple workaround exists.

WorkAround....

Edit the InDataTypeTemplategsfc.data file. Clone the AST0V1S record 26 times and change the Data Type parameter to the values identified in the Problem enclosure. Then reload the Ingest database.

ECSed18716 PRE: Can't generate DPR for 2nd MISR orbit 101998 *****NOTE*****
I am working in plain Drop 4PX (no patches), with a special Production Request Editor executable generated by Mike Mauthe as a workaround for the problem reported in NCR 18403, so we could continue MISR E-E testing.

Problem:

I am having trouble creating a DPR for the 2nd MISR orbit, #28, for PGE 7. This is the first time we have tried a 2nd orbit. Created a DPR many times previously for the 1st orbit #27 (with different runtime parameters; see below).

It fails trying to find an AM1EPHN0 granule.

However, that granule is dynamic, and has not yet been Inserted for this orbit.

I notice in the PRE screen output that the PLATFORM value in the OrbitModel SQL statements suddenly changed from MISR (correct value) to AM1 (which I do not use).

I suspect the problem is that Fred Shuman (who is running DPREP) & I are using the same ESDT but different Platforms.

I did change a bunch of runtime parameter inputs using the PRE before trying to Save it -- the first time I have ever done this.

Also, the PRE core dumped when it exited, but that has happened before with Mike's special executable, probably because it's a rogue version he compiled against plain 4PX.

All of the relevant files and DB dumps before and after are in the EDF in

/home/toma/ddts/pdps/NCR_18716

Screen output is in

misr_changing_runtime_parms_path_43.scr

Tom A. 19-Oct-98

ECSed03517 ECS External KFTP Error 091796 When ECS tries to KFTP the data files from TSDIS (tsdispr) the following error messages are displayed on the screen.

MessageId=SetRemoteDirectory
Severity=Error
Remote directory /tmp/ not found

MessageId=Error in DsStIngestFtp::DsStIngest function
PreviousMessageLink=2
Severity=Error
Error: Setting Remote Directory:

MessageId=SetRemoteDirectory
Severity=Error
Remote directory /tmp/ not found

MessageId=Error in DsStIngestFtp::DsStIngest function
PreviousMessageLink=4
Severity=Error
Error: Setting Remote Directory:

MessageId=SetRemoteDirectory
Severity=Error
Remote directory /tmp/ not found

MessageId=Error in DsStIngestFtp::DsStIngest function
PreviousMessageLink=6
Severity=Error
Error: Setting Remote Directory:

MessageId=SetRemoteDirectory
Severity=Error
Remote directory /tmp/ not found

MessageId=Error in DsStIngestFtp::DsStIngest function
PreviousMessageLink=8
Severity=Error
Error: Setting Remote Directory:

The files are not KFTP'd when this occurs. This problem occurs all of the time when KFTP is used, the workaround as of know is to use FTP although KFTP is the way it is supposed to be transferred.

ECSed07317 c compiler incapatibility problem" 062397 Added by rhendry 970623:

Randy Bollinger is coordinating with Craig Johnson to ensure that the site has the required source code to install the new compilers. If not, he will have Craig forward it to them.

Added by lhead 970623:

NSIDC is working with Randy Bollinger to verify the media required to solve this problem. When we do determine the media required, we also need assistance to install it properly with appropriate patches in needed.

This problem was requested as a severity 1 primarily because we can not perform our SSI&T activities using synthetic PGEs. It could, in reality be considered a low severity 1 or high severity 2. We feel that it is not required that ECS & NSIDC folks work 24hrs a day until it is fixed, but it should be worked hard during normal business hours.

Added by lhead 970623:

Received a phone call from Tom Yeager, Robert Keener and Randy Bollinger to discuss the problem. Robert Keener to talk with Ron Best.

Received a phone call from Karen Loya. She was going to assign David Hon to work this issue from her organization. David to contact Lisa Monro-Cline for NSIDC Testbed access.

Added by lhead 970623:

Ron Best to work with Lisa Monro-Cline regarding an error in the Login Script for sprn1sgi and sprn2sgi. This could be causing problems setting up the environment variables.

Added by lhead 970623:

Karen Loya called to let us know that Leo Magday (I&T) said that they compiled and linked against the NSIDC version for the Testbed demo and that everything worked fine. David Hon is in the process via the IMF account, trying to continue the investigation. Karen did say that when using the new 32 or 64 bit version of compiler, a path name was required. However, with the old 32 bit version, it was not.

Added by lhead 970623:

Song Yom sent out compile and link commands to verify Spencer did them correctly. Spencer will review e-mail. Spencer said that he could compile at EDC using a particular makefile, but using the same PGE and a same makefile here, he could not. Further investigation required by Spencer at this point.

Added by lhead 970623:

Lisa Monro-Cline made the appropriate changes to the case statement for IRIX to include all versions of IRIX (ex. IRIX*).

Added by lhead 970623:

David Hon and Spencer Shiotani developed a workaround to successfully compile a synthetic PGE using the 64 bit version of the compiler by using the explicit path /usr/lib64/cmplrs/cc. This still does not completely solve the problem, but is considered a work-around.

Suggest changing this TT from Severity 1 to Severity 2 because of the work-around.

Added by lhead 970623:

Song Yom found some problems on sprn1sgi that was causing the build problems. The c compiler (/bin/cc) which points to /usr/lib/driverwrap should correctly handle -32, -n32, and -64 switches. When looking at /usr/lib64/cmplrs directory, he noticed the c compiler and linker were not installed/configured correctly. Song Yom provided a printout of what the directory structure should look like to Spencer Shiotani. Basically, the Id32 and Id64 are pointing to non-existent files. Song suggested that it might be simpler to coordinate a re-install of the compiler from scratch with Ron Best.

At this point, Lisa Monro-Cline has been in contact with Ron Best to coordinate this activity.

Added by lhead 970626

Lisa Monro-Cline to work with Ron Best to re-install the compiler(s) by Monday, 970630.

Added by lhead 970707

Lisa Monro-Cline and Ron Best provided fix.

List of all installed software showed more than one version of the compiler installed. The software could not be uninstalled as necessary patches were not available for reinstallation per testbed baseline IRIX 6.2. The drivers were found to be the non-conforming software modules and only the drivers were reinstalled. Fix confirmed by Spencer Shiotani. The compiler runs fine now.

ECSed13617 Invalid User ID Event After Backup Strand Creation 032998 The event message that indicated an invalid user has Command Authority no longer appears after Backup Strand creation. Thus the workaround to (re)take command after Backup Strand creation is no longer necessary.

John Rubenacker

Mini-EOC/Label 2.2.0.E

April 30, 1998

ECSed15917 "DETFILE" process not terminated by IST "BYE" directive 063098 Please describe the problem you are experiencing below, including what you did, what you expected to happen, and what actually happened:

The DETFILE process is not terminated by the "BYE" directive. The workaround is to kill the process after the BYE script completes.

Debbie Ramey

6/21/98

ECSed18017 Sub procedure calls 092298 Please describe the problem you are experiencing below, including what you did, what you expected to happen, and what actually happened:

While running a procedure to dump MOPITT sw (MOP_DUMP_CODE_PRC), the procedure calls another procedure which initiates the CTIU gathers (MOP_ERT_MEMORY_DUMP). Several of the parameters passed to this second

procedure are calculated in the first procedure based on input to the first procedure. For example, the number of gathers by the CTIU is calculated by dividing the dump size by 32. The first procedure always ended with an error whenever it called the second procedure indicating that the variable being passed had not been declared. In fact the variable had been declared as an integer in the first proc. After some experimenting it was discovered that the only variables that could be passed to the second procedure were variables that were passed to the first procedure! We thought that this might represent a workaround - pass in zeros to the first procedure for those variables that we calculate and then pass the updated values to the second proc. When we did this the values received by the second proc were not the updated values, but the original value of zero!

dlorenz
9/11/98

ECSed13318 Error in match granule during spatial query for DEM_100M. 032098 Problem statement: When creating a Production Request for one of the ASTER PGEs, the Production Request Editor failed when attempting to update an entry in the PIDataGranule table in the PDPS database with the "correct" UR of the DEM_100M matching the AST_L1B being processed.

The problem appears to be related to the fact that DEM_100M was registered in PDPS as a Static dataset, and that consequently, the update of the UR in the table by match granules failed, most likely to its not using sufficiently distinct keys for Static granules.

There is a workaround to this problem; namely, to register DEM_100M as a Dynamic External dataset. In this case, match granules is able to update the URs in the PDPS database, and the Production Request Editor is able to create both a PR and a DPR.

Background: The 100 meter Toolkit DEM "DEM_100M" is composed of a number of granules, each differentiated by their spatial metadata. Because of the total volume of the DEM_100M dataset, it will be necessary to store the dataset on tape in STMGT, and then acquire DEM granules "also known as DEM tiles" as needed using a spatial query to SDSRV. Preferably, DEM_100M should be viewed by PDPS as a Static dataset, so that the entries in its database will not get deleted during regular database cleanup. Finally, two of the ASTER PGEs use DEM_100M as a default processing option.

IMPACT: Depending upon the timing of the release of any fix, re-registration of the ASTER PGEs might be required, as would re-insertion of the entire DEM_100M dataset.

ECSed14218 DANs submitted from Ingest Driver not appearing on Ingest GUI4.05 042298 Please describe your Analysis:

I spoke to Royce Reid at EDC. We have a known problem with the GWClient on sgi in that the PDR file must be in the same directory as where the executable is run from in order for the PDR to get submitted correctly. When the GWClient prompts the operator for a PDR file name, if there is

a path typed before the file name, then garbage is sent to EcInAuto. This is probably because a flush needs to be put after each endl in the cout statements to flush the buffer.

Royce had moved the GwClient to a sun machine in order to get the submission to work and wrote the NCR because he had to copy the Auto config file along with the executable. This is really his workaround for the actual problem.

ECSed16618 Hard constraints during Constraint Check and Load Gen 073198 Please describe the problem you are experiencing below, including what you did, what you expected to happen, and what actually happened:

While constraint checking the Master Plan, the results stated we had hard constraints. Received the following error: "Info-Sub-field Value out of range after EU conversion: Value=24.58, Max=65536, Min=0, Name=POSITION."

After viewing the constraint, we found the error message was too vague. We were unable to locate the hard constraint on the Timeline. The workaround (checking each scheduled activity on Timeline) is time consuming and unacceptable.

ECSed01719 Environmental Setup on Host 022896 Please describe the problem you are experiencing below, including what you did, what you expected to happen, and what ac

Unable to run the data server executable directly on the console (spre4sun), although telnetting in from another host or logging in twice on spre4sun permits the executable to run. Current workaround is to unset the LANG environment variable before running the executable.

ECSed11319 DESKTOP Wrong Version; No DART Launch 011398 PROBLEM DESCRIPTION....The DAR Tool will not launch from the Desktop.

Client Developers said it was because a non-compatible version of the Desktop was included in Drop 3.01.

An updated version is scheduled for Drop 3.5.

Impact: Little if workaround works. A fix is on the way.

Workaround: The DART can be launched from the UNIX command line. If a dce_login is done first, the DAR submit function should work.

Verification:

1. Display the DAAC Desktop.
2. Create and submit a DAR.

ECSed15619 DART: Saving more than 51 DAR files crashes the DAR Tool 061798 IMPACT....

The files do not seem to be affected by the tool crashing while trying to save them. The user will just have to be aware of the number of files in the directory. If the tool crashes, the user can access the

DAR Tool again very quickly because the Desktop remains up.
If the user wishes to keep a large number of DAR files,
the user can save the files to another directory as a workaround.
The DAR directory is now located in the user's home directory so it is
easy enough to maintain. The main drawback is having to copy the files to
another directory then clearing out the actual dar_data directory. I tried
to copy a file back to the dar_data directory from a directory I created.
I was able to bring the DAR Tool up and access the file I copied in
but the file was not listed in the summary table. I had to do the
following to access the file;

1. Click on File.
2. Click on Open
3. Click on 'Open xAR'
4. From the 'File Open window', select the desired file. Click on OK.

ECSed16719 EcDbDesc Not Installed For All Databases 073098 Describe the Reason for closing
this NCR?

NCR Board approved closure with LaRC concurrence:

Shelia,

>From the CCB meeting of September 3, 1998:

Concurrence is granted for the following NCRs -

13175	13165	13161	15327	16728	16729
16730	16737	16721	16719	16480	15301

Concurrence is NOT granted for the following NCRs -

13771 - (From Jim Gallasso) "The assumption made for the implementation of
multi-granule ESDTs is incorrect. The assumption is that if a
multi-granule ESDT is used over a time period that each granule would
represent a subset of the total time period.

"MISR has implemented the multi-granule ESDTs not based on time, but based on
camera. Each instance of the multi-granule ESDT contains data for the same
time period, but for a different camera.

"The resolution and the verification statements in this NCR are incorrect
and should be withdrawn as they are based souly on an assumption. The
workaround mentioned is also based on the same assumption which is
inaccurate, therefore the workaround will not work.

"Since another NCR is open on the multi-granule ESDT issue, I recommend to the

NCR board to close as a duplicate of: NCR 16745. Thank you."

14463 - The resolution to this problem is not clear. "What did you do to resolve this?"

Brian K. Engle
Tracking Ticket Administrator

ECSed16819 EcPr_PGS_COMMANDS Missing From DPS Config Files 080698 This TT is being written for promotion to an ECS NCR "drop 4P1, mode TS2, l0sps03, 2-critical, Sys_Bld".

During PDPS checkout of drop 4P1 in mode TS2, the ACT DPR failed. The following message was noted in the ACT#sy1301.ALOG:

Msg: Can't extract the parameter DpPr_PGS_COMMANDS from the Configuration File
Priority : 2 Time : 08/06/98 11:29:18

A comparison of the 4.x and 4P1 configuration files noted that the following parameters were missing from the 4P1 versions: DpPr_PGS_COMMANDS, PGSBIN, PGSRUN, and PGS_ARCHITECTURE.

The mkcfg entries for DPS were checked on l0sps03 in mode TS2, and appeared to be correct. There were no fields to set for the missing variables.

Inspection of the files on VATC host t1sps02 found that the DpPr_PGS_COMMANDS variable had been added to the EcDpPrDM.CFG, EcDpPrEM.CFG, and EcDpPrJobMgmt.CFG files.

This will be done as a temporary workaround for the Langley system.

Impact: System as delivered & configured cannot run PDPS jobs.

ECSed16819 EcPr_PGS_COMMANDS Missing From DPS Config Files 080698 NCR ID:
ECSed15568 Status: CLOSED Submit Date: 980615
NCR Class: REL_B0_INFORMAL Project: RelB0_DPS Enclosures: 6

NCR TITLE....

Allocating Resources fails

DETECTION INFORMATION....

Build Name[*]: Drop 4P

Test Site[*]: VATC

Detection Method[*]: Planned Test

Detected-In-Phase[*]: System Verificatio

Build ID: Drop 4P

Test Case ID:

Platform ID: t1sps02

Severity (1=Showstopper)[*]: 3

REVIEW-ASSIGN INFORMATION....

Evaluate Engineer: nharihar

Assigned To: bhough

Iteration [*]: Drop 4P Landsat

Need fix by [*]: Routine
Mode [*]: TS2
Trouble Ticket:

SUBMITTER INFORMATION....

Submitter: dpinder

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NCR ID: ECSed15568 Status: CLOSED
NCR Class: REL_B0_INFORMAL Project: RelB0_DPS

TO BE FIXED INFORMATION....

VERIFICATION INFORMATION....

Problem Type[*]: source code	Test Status (Pass/Fail)?: P
Recommended Change[*]: source code	Elapsed Test Time (Hrs): 0.3
Est. Fix Time (Hrs): 4	Verification Site[*]: VATC
Est. Compl. Date (yymmdd): 980616	Verified Build ID: 4PL7 Beta
Related NCR ID: N/A	Verified Platform ID: t1sps02

CLOSING INFORMATION....

RESOLUTION INFORMATION....

Closing Reason[*]: Fixed

Resolution[*]: source code	CCR#/NCR#: none
Resolved by: bhough	Closing accepted by: sbarrier
Indicate_SLOC[*]: Modified	
Num_SLOC: 10	
Fixing Time (hrs): 4	
Documentation affected (Y/N)? N	
Affect CSCI: PRONG	
Merge Build Id:	

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***** Problem *****

PROBLEM DESCRIPTION....

Allocating Resources fails because DpPr_PGS_COMMANDS cannot be found in the Execution Manager, Data Manager and Job Management cfg files.

***** Impact *****

IMPACT....

The IMPACT is that allocation fails when running PGEs, since there is a workaround there is minimal impact on the subsystem.
By adding DpPr_PGS_COMMANDS = <any value>, to EcDpPrEM.CFG, EcDpPrDM.CFG and EcDpPrJobMgmt.CFG , allocating resources no longer fails.

***** Analysis *****

Please describe your Analysis:

During creation of an Execution Manager object the config parameter name for pge commands is available for use. So, this process attempts to retrieve the value for that config parameter name. This should not happen because the value for pge commands is obtained from the PDPS database by DPS instead of the config file.

The workaround requires the user to edit configuration files. The value for the pge commands that processing is looking for can be garbage because it is not used downstream.

***** Resolution *****

Please describe your resolution to this problem:

References to DpPr_PGS_COMMANDS have been deleted from DpPrExecutionManager.cxx and DpPrUtil.h. Processing will not try to get the config value from any of processing's configuration files which should not have this parameter name, anyway.

***** Verification *****

Please describe your verification:

PGEs were successfully run without any modifications to the configuration files. The value DpPr_PGS_COMMANDS does not appear in any of the configuration files.

***** Closure *****

Describe the Reason for closing this NCR?

The NCR Board approved this NCR to be Closed on 8/26/98

***** History *****

xdds 980615 080425 Submitted to RelB0_DPS by dpinder
xdds 980615 080511 Enclosure "Problem" added by dpinder
xdds 980615 080600 Enclosure "Impact" added by dpinder
xdds 980615 132044 N -> A (Assigned-to bhough) by nharihar
xdds 980616 122137 Enclosure "Analysis" added by nharihar
xdds 980616 122138 A -> R (Recommend-change = source code) by nharihar
xdds 980618 072231 enclosure "Impact" edited by dpinder
xdds 980618 131218 Enclosure Resolution added by bhough

xddts 980618 131218 R -> T by bhough
xddts 980824 141918 Enclosure "Verification" added by awhitele
xddts 980824 141918 T -> V by awhitele
xddts 980826 125450 Enclosure "Closure" added by sbarrier
xddts 980826 125450 V -> C by sbarrier

ECSed17519 PRE:Method for entering override values is confusing 082898

IMPACT....

The user can inadvertently run a PGE with old PGE parameters. The workaround would be to recreate the PR change the parameters and hit the enter button after typing in the selection field and then rerunning the PGE.

ECSed17619 Specific Server Delete requires SQL intervention 090298 NCR ID: ECSed17948
Status: ASSIGNED-TEST Submit Date: 980918
NCR Class: REL_B0_INFORMAL Project: RelB0_STMGT Enclosures: 5

NCR TITLE....

STMGT GUI ServerId can't modify

DETECTION INFORMATION....

REVIEW-ASSIGN INFORMATION....

Build Name[*]: Evaluate Engineer: sscarbel
Test Site[*]: EDC Assigned To: lreeves
Detection Method[*]: source code Iteration [*]: Drop 4PY
Detected-In-Phase[*]:
Build ID: 4PL+Aqua
Test Case ID:
Platform ID: e0dis02
Severity (1=Showstopper)[*]: 2
Need fix by [*]:
Mode [*]:
Trouble Ticket:

SUBMITTER INFORMATION....

Submitter: swenzel

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NCR ID: ECSed17948 Status: ASSIGNED-TEST
NCR Class: REL_B0_INFORMAL Project: RelB0_STMGT

TO BE FIXED INFORMATION....

Problem Type[*]: source code
Recommended Change[*]: source code
Est. Fix Time (Hrs): 24
Est. Compl. Date (yymmdd): 981106
Related NCR ID: N/A

RESOLUTION INFORMATION....

Resolution[*]: source code

Resolved by: lreeves
Indicate_SLOC[*]: Added
Num_SLOC: 200
Fixing Time (hrs): 5
Documentation affected (Y/N)? N
Affect CSCI: /ecs/formal/DSS
Merge Build Id:

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***** Problem *****

Please describe the problem you are experiencing below, including what you did, what you expected to happen, and what actually happened:

In the Storage Management Gui, when you choose Pull Monitor, you need to update the ServerId field to append the mode suffix. The field cannot be edited. So in STMGT table DsStConfigParameter, ServerId says EcDsStPullMonitorServer instead of EcDsStPullMonitorServer_TS1. Please make the field editable.

***** Workaround (Added 981014 by jcrowfor) *****

The server ID is the primary key by which servers are identified and stored in the database. The effort to change a primary key is non-trivial, but will be investigated. The interim workaround is to delete the incorrectly named entry and insert a new entry with the correct server ID.

***** Analysis *****

Please describe your Analysis:

The appropriate DsStCPUUpdate* stored procedures will be modified to handle the database logic and allow unique key ServerId to be modified.

***** Previous Merge Build IDs *****

Please enter any related Merge Build ID(s) information:

- 1)
- 2)
- 3)
- 4)

***** Resolution *****

Please describe your resolution to this problem:

The DsStCPUupdate*.sp files used by the stmgt GUI to modify Servers were modified themselves to include an IF statement varifying what commands to perform on the database if ServerId is being modified or not.

***** History *****

xddts 980918 092657 Submitted to EDAAC_TT by swenzel@puff
xddts 980918 092906 Enclosure "Problem" added by swenzel
xddts 980921 153234 Forwarded from EDAAC_TT to RelB0_STMGT by trockvam
xddts 980922 075658 N -> A (Assigned-to sscarbel) by dbrown
xddts 981014 180322 Enclosure "Workaround" added by jcrowfor
xddts 981020 093856 enclosure "Problem" edited by lreeves
xddts 981026 104253 Enclosure "Analysis" added by sscarbel
xddts 981026 104253 A -> R (Recommend-change = source code) by lreeves
xddts 981105 113533 R -> D (ECSed17619) by lreeves
xddts 981105 130339 D -> A (Assigned-to lreeves) by lreeves
xddts 981105 130603 A -> R (Recommend-change = source code) by lreeves
xddts 981111 182925 Enclosure Previous Merge Build IDs added by lreeves
xddts 981111 183102 Enclosure Resolution added by lreeves
xddts 981111 183102 R -> T by lreeves

ECSed18219 SSIT: OpDbGui parm Disk Space is not PGE-specific 100198
For MISR PGE 1, use an average value for the 9 cameras,
e.g., 6 GB.

Tom A. 1-Oct-98

ECSed18619 CLCW Mnemonics need to be defined as DS 051598 Please describe the problem you are experiencing below, including what you did, what you expected to happen, and what actually happened:

When FOS DR1850 (CLCW Parameters should display as Analog Strings) was fixed the mnemonics were defined in the fos_pids_table as "AS". This was per the DR, however, upon clarificationn the mnemonics should have been defined as "DS" in the fos_pid_table. Also, when they are defined as DS they need to be added the ground_discretes table.

The workaround is to run a CLCW script written by Al Hunter after Gen OPS and before ODF generation (as was done to fix the problem on SUPPORT_OPS).

A related problem is that FOP is not setting these mnemonics correctly. See FOS DR1958.

Rob Messerly
5/7/98

ECSed18819 PRE: Routine Processing can miss granules on query for new granules 102698
IMPACT....

The user must save the Production Request twice to get the PRE to find the granules that have been inserted. If the user is not aware of this workaround, the DPRs that are generated will be for data granules that were inserted from the previous set of data that was inserted. To process the data granules from the current insertion, the production request must be saved twice.

ECSed18819 PRE: Routine Processing can miss granules on query for new granules 102698 Please describe your resolution to this problem:

Please see the resolution for ECSed16326 for additional info.

This NCR is being moved to 'T' because the fix for ECSed16326 now provides a suitable workaround for the problem described in this NCR. The PRE will now query SDSRV for the newest granules of any given datatype, but will not query SDSRV if the granules in the PDPS DB satisfy it's input requirements. This is an implicit assumption in the PRE.

The workaround provided by the solution implemented for ECSed16326 is that the operator can now delete any DPRs for which he/she wishes to get the latest granules for.

GJC
x4122

ECSed18919 EcDmDictServer Will Not Start In OPS Mode At 4PX 103198 This problem is OBE.

The problem occurred because the Data Dictionary was fixed in 4PX to follow the convention of the rest of the system, that "_OPS" not be appended to the OID parameter in its configuration file.

Before 4PX, the Data Dictionary, unlike other servers, required the _OPS to be placed at the end of the OID configuration file item, causing a special workaround. This workaround no longer exists.

The problem occurred because we failed to include in the 4PX documentation the fact that they could go ahead and remove the _OPS (actually, performing a make config from ECS Assistant should have also solved the problem, as the default is to not append the _OPS)

This should not be a problem in the future.

As for NCR 15210, it was decided at the I-Team that the impact to the system to change the code throughout the system to keep the _OPS appended was too great at this point in time, although there was general consensus that it is desirable to remove the inconsistency

QTKqa01620 does not handle -q option right. 112993 Specifically, the code:

```
if (argc > 1 && argv[1][1] == '-' && argv[1][2] == 'q')
    qflag = 1, argv++, argc--;
```

should be:

```
if (argc > 1 && argv[1][0] == '-' && argv[1][1] == 'q')
    qflag = 1, argv++, argc--;
```

Since arrays start at 0, not 1.

You can workaroud it by invoking like:

```
ddtslock --q bugid
```

Unless there are objections, I will fix this myself.

ECSed12720 SSEP .met file template is empty 030498
To workaroud the problem you can get an MCF from Data Server
for PGEEEXE by running the SSIT Tool GetMCF. This will get
an MCF from the Data Server which is a template for a .met
file.

-- M. Mauthe

ECSed15620 Change TotalGranuleThreshold values in InGranuleServerInfo table 061798 IMPACT....
The impact of not making the change is that the Granule Server will
take up 700 MB of memory and cause the machine it is running on to
hang up. There is a workaroud - the value in the database can be
manually changed. But every time the database is reloaded, it will
get the large values from the .data files.

ECSed16520 EcCoAssist Data Files Not Delivered With 4P1 072998 Following the installation of
EcCoAssist at drop 4P1, the ECS Assistant was
started. It was noted that the "earth rising" image was missing from the startup
window.

Investigation of the /tools/common/data/ea directory found that only two files
were present: .sitemap, and EcCoAdm.Keyfile. None of the *.gif, *.xbm, or *.ea
files were present.

The "ea" software package - both executables and data - were removed at LaRc to
prevent any mode leakage between Drop3 and Drop4. This was deemed safe because
there would be a complete redelivery of EcCoAssist at Drop 4P.

As a workaroud, the missing data files were copied over from the ea_new data
directory.

IMPACT: EcCoAssist needs these files to operate properly.

ECSed16920 Process 'eventor' is not removed when autosys STOP_DEMON signal is sent 081198
IMPACT....

When the server is brought up again, a new eventor process is created and
does not interfere with the old one. Besides, using an extra process and
the error prone/cumbersome workaroud of killing the old process there is no
impact.

Workaroud: issue unix kill -9 command to eventor process. Note that if multiple
instances of autosys are installed and running, from a unix ps command
it is not possible to differentiate between the different eventor processes.

ECSed17820 Unable to Open Netscape windows from CLS Desktop 091598 This is a duplicate to a
previous NCR. The workaroud for this NCR

is to provide the full path of netscape during the mkcfg stage of an install. If the system is already installed, the workaround is to edit the runrc_cls script in \$ECS_HOME/<mode>/CUSTOM/bin/CLS. Change the line:

```
setenv ECS_BROWSER netscape
```

to

```
setenv ECS_BROWSER /tools/bin/netscape (or whatever the path to your browser is).
```

ECSed11021 ECS Assist Must delete CDS entries 123097 PROBLEM DESCRIPTION....ECS Assist must delete DCS entries before making new ones when a user executes the mkcdsentry option. If a CDS entry remains from a prior installation, the stale entry could (and has) result in a server being incorrectly registered in the CDS namespace.

The ECS Assist tools does not clean "delete" CDS entries for the servers when the kill option is used to bring the servers down.

These entries need to be cleaned for the servers to work properly.

Experience has shown us that cleaning these entries from the CDS tables ensures that the servers run smoother when re-started.

We have scripts that we can use on each system as a workaround to this problem.

So far for Drop 3, we have had to do this manually through the CDSBROWSER tool.

ECSed11121 Conditional WAIT statements do not work 010698 A new set of classes was added to support telemetry mnemonics.

Conditional WAIT uses the changes only model/client features of the parameter server to do a non-polling conditional WAIT. That is it waits until the specified telemetry mnemonic changes before reevaluating its conditional expression. It terminates when the specified condition returns true after reevaluation and begins to process the next set of directives specified.

This is a partial. It does not yet support complex expressions of the type (@mnemonic == 1 && @mnemonic1 == 2) it only supports single conditional expressions containing 2 operands and 1 operator for now. We expect to add support for this and "conditional loops" for a later release. This should eliminate the need to use GOTOs as a workaround to these limitations. Support for an additional timeout option is also expected.

ECSed12521 PIPREditor - DPR explosion 112797 Please describe your Analysis:

The ability to "re-execute" a DPR is something that will be accomplished during our "Ad Hoc Reprocessing" task. This is currently in the latter stages of coding. We no longer even deliver the "reset_to_post_ssit.csh" script for

the exact reasons given in the Problem statement. When the Ad Hoc Reprocessing task is delivered, we will also close this NCR.

We are also working to put in place a mechanism where we can provide more informative pop-up error messages. Currently, this is not possible given the interface between the Production Request Editor GUI and our underlying libraries. This interface is currently being changed as part of another NCR, and once that happens we can address other error conditions that require this interface. In any case, the ALOG file should provide a good error message now.

IMPACTS - Running a DPR twice is more tedious since the workaround must be used.

WORKAROUND - Operator must first delete the DPR from the Production Request Editor "DPR List" screen and then resubmit the PR as before.

ECSed11921 Syntax errors in EcSbEventStpredProcs.sql 020398 PROBLEM DESCRIPTION....
The file: EcSbEventStoredProcs.sql has two syntax errors in the ProcGetUIEvents and ProcGetEvent procedures. Both procedures are missing a "begin" following the if @@error statement, as shown in the following extracted code snippets:

```
if @@error !=0
  raiserror 110022 "ProcGetUIEvents: can not access EcSbEvent table "
  return -999
end

if @@error !=0
  raiserror 110022 "ProcGetEvent: can not access EcSbEvent table "
  return -999
end
```

File was located in:

```
{sahara} /usr/ecs/OPS/CUSTOM/dbms/CSS/EcSbEventStoredProcs.sql
```

Our workaround was to repair the code in our mode. It should be fixed before the patch is replicated at the other facilities.

ECSed14521 DPREP: Incorrect Analysis short name\ 050598
IMPACT....

The Dprep PGE (Which process the FDD data) cannot be run.

Workaround:

Hand edit the met file and change the value to something less than 20 char. This workaround is not operationally acceptable.

ECSed14721 "Opaque" multiply defined. 051198 This NCR should be reduced to a severity 3. The specific problem mentioned in the problem statement has been resolved for the time being by implementing the workaround listed in the analysis statement. A more thorough evaluation

of the problem, including a complete Discovery analysis, should be completed before closing this NCR since it is unclear how the conflict arose in this case.

ECSed16721 EcDbDesc Not Installed For All Databases 073098 Describe the Reason for closing this NCR?

Shelia,

>From the CCB meeting of September 3, 1998:

Concurrence is granted for the following NCRs -

13175	13165	13161	15327	16728	16729
16730	16737	16721	16719	16480	15301

Concurrence is NOT granted for the following NCRs -

13771 - (From Jim Gallasso) "The assumption made for the implementation of multi-granule ESDTs is incorrect. The assumption is that if a multi-granule ESDT is used over a time period that each granule would represent a subset of the total time period.

"MISR has implemented the multi-granule ESDTs not based on time, but based on camera. Each instance of the multi-granule ESDT contains data for the same time period, but for a different camera.

"The resolution and the verification statements in this NCR are incorrect and should be withdrawn as they are based solely on an assumption. The workaround mentioned is also based on the same assumption which is inaccurate, therefore the workaround will not work.

"Since another NCR is open on the multi-granule ESDT issue, I recommend to the NCR board to close as a duplicate of: NCR 16745. Thank you."

14463 - The resolution to this problem is not clear. "What did you do to resolve this?"

Brian K. Engle
Tracking Ticket Administrator

NCR Board approved closure with LaRC concurrence:

ECSed19190 EcPISubMgr Not Releasing Database Tables 111898 Impact- DPRs do not complete, and there is no indication of error in the log files.

Although the workaround is fairly simple, determining the source of the problem is time-consuming, involving manual database inspection and cross-referencing of three tables. The more jobs in the system, the more difficult the problem will be to identify.

ECSed18221 Landsat-7 Reformatted Data is Incorrect 100198 IMPACT.... The output Landsat data that is created from input LPS/IAS data is incorrect and will most likely impact the end user (IAS, among others).

WORKAROUND: There is no workaround for this problem.

ECSed13222 SSIT: GUI cannot find sparcworks 031898 To workaround the problem, change the SSIT PCF (DpAtMgrInternal.pcf) as follows:

change entry 608 from:

608|DpCAAtMgrSPARCWorks|sparcworks

to:

608|DpCAAtMgrSPARCWorks|/tools/workshop/bin/sparcworks

-- M. Mauthe

ECSed16422 Table data not included in report in engineering format (Hex only) 072498 Please describe the problem you are experiencing below, including what you did, what you expected to happen, and what actually happened:

The table load reports need to include a record of the uplink data in engineering units. The data needs to be listed by field number. This is in addition to the converted HEX value representation of data currently in reports. The only workaround is to screen snap the Table Load Builder tool. This requires multiple snaps for larger tables.

ECSed18522 Unable to cancel or delete DAS Job from Load Queue within Load Gen. 091798 Please describe the problem you are experiencing below, including what you did, what you expected to happen, and what actually happened:

While generating a DAS/ATC Load during the ORT, the DAS Job was hung in processing. Attempted to cancel and delete the job from the Load Generator Tool, but nothing occurred. Was on the phone with Tony Cetuk troubleshooting this problem and stumbled upon a workaround. We killed the Load Queuer process, and when the Job status went to "Reading", I highlighted the job and was able to delete it then. The Delete and Cancel buttons in the Load Generator window should work without having to kill the Load Queuer process.

Ed Rodriguez (FOT)
(301) 614-5136

ECSed10223 PRE: Production Request Selecting Orbit Range Core Dumps 120297 Please describe your Analysis:

This only occurs when the OrbitModel does not have a record for the first orbit. By default, the operators should always put in include orbit #1 in the

OrbitModel. In any case, this example should return an error condition from something like "Invalid orbit selected - earlier than what exists in the orbit model" to the operator. This should occur either if the orbit number is smaller than anything in the db or if the time is earlier.

WORKAROUND: Make sure that the database has the first orbit in the OrbitModel, and do not try producing PRs for start times before the first orbit.

IMPACTS: Operations needs to use the above workaround.

ECSed11823 Unable to allocate media device - Error 013198 After entering all information on the Media Ingest GUI screen and clicking on the "OK" button, a pop up error window appears which reads:

"Unable to allocate media device". All workaround instructions that were given to test personnel during Drop 2 were followed and executed but the problem still occurs.

IMPACT:

Unable to ingest from D3 tape.

This is a clone of Rel_B0_Informal ECSed11816.

ECSed11823 Unable to allocate media device - Error 013198 Please describe your verification:

Executed TS0600.1 - ASTER Data Ingest and Archive Test (this is the SV version of the AT test that was executed when the NCR was generated / the same steps are in both test cases).

The first execution failed to allocate a media device. After analysis by development a problem in the STMTG database was found (refer to ECSed13172). After a workaround was put in place for the database problem the media device was successfully allocated.

Since the original problem concerning missing files during the merge of the code has been fixed this NCR will be verified.

Note the other NCR (ECSed13172) is still outstanding.

ECSed13123 Can't Stage Landsat LPS Data 031398 PROBLEM DESCRIPTION....

While attempting to acquire Landsat7 LPS data, many files must be extracted from the archive and then staged before any subsetting or reformatting can be performed. When running tests in the VATC, it was very hard to get all the necessary files staged (successfully staged all files approximately 5 times in the two weeks I've been running the tests).

Errors show up in the Archive logs, but the problem is related to Staging. Boris Velikovich is analyzing this problem. There is no workaround that I know of, only that occasionally it does work. Boris did help us optimize the STAGINGMONITORCONFIG file, which actually helped a bit more, but the problem is still experienced more than 75% of the time.

See log messages below:

Archive Debug log:

```
SMProxy::Ctor: modePart: OPS
SMProxy::Ctor: cellName: /.../vatccell.vatc.ecs.nasa.gov
SMProxy::Ctor: groupName: EcDsStStagingMonitorServerDRP1
SMProxy::Ctor: Client path: ./subsys/ecs/OPS/EcDsStStagingMonitorServerDRP1
SMProxy::Leaving DsStStagingMonitorProxy constructor
ARReal::Store : File to retrieve is - /dss_stk1/OPS/17/:SC:L70RF1:2161:2.HDF-EOS
Entering DsStArchiveReal::CheckForRetrieveErrors
Leaving DsStArchiveReal::CheckForRetrieveErrors
ARReal::***** ARCHIVE RETRIEVE FAILED *****
ARReal::Retrieve : Failure using SM server MOVE function.
ARReal::Retrieve : The Source file is - /dss_stk1/OPS/17/:SC:L70RF1:2161:2.HDF-EOS
ARReal::Retrieve : The Destination file is - :SC:L70RF1:2161:2.HDF-EOS
ARReal::Retrieve : The compression type is : 0
ARReal::***** ARCHIVE RETRIEVE FAILED *****
```

(and the file is actually pulled out of the archive and placed in user1, not usern)

StagingMonitor Debug...

```
SMReal::Entering DsStStagingMonitorReal::DoGetFreeCache
SMReal::DoGetFreeCache: freeCacheSize = 1999887377
SMReal::Leaving DsStStagingMonitorReal::DoGetFreeCache
SMReal::Entering DsStStagingMonitorReal::CheckSpace
SMReal::Leaving DsStStagingMonitorReal::CheckSpace
SMReal::Entering DsStStagingMonitorReal::CopyFile()
SMReal::Entering DsStStagingMonitorReal::Copy
Running EcUtCopyExec /dss_stk1/OPS/17/:SC:L70RF1:2161:2.HDF-EOS
/home/sdsrv/stage/user1/:SC:L70RF1:2161:2.HDF-E
OS....
SMReal::Leaving DsStStagingMonitorReal::Copy
SMReal::Leaving DsStStagingMonitorReal::CopyFile()
SMReal::Entering DsStStagingMonitorReal::AddToDataList
SMReal::AddToDataList: Added File :SC:L70RF1:2161:2.HDF-EOS to StagingDataList
Virtual time alarm
Event filter from .ACFG file : 2
Priority Set in code : 2
Sending event to MSS without ERC
SMReal::AddToDataList: Unable to update CACHESIZE in config file
SMReal::Leaving DsStStagingMonitorReal::AddToDataList
MsAgPathFinder: AgentLog - /usr/ecs/SHARED/CUSTOM/logs/MsAgMssLogFile_OPS.log
```

StagingDiskDebug...

```
SDReal::Create : Staging Disk allocated name being set to value - Disk::2
Leaving DsStStagingDiskReal::Create
Entering DsStStagingDiskReal destructor
Leaving DsStStagingDiskReal destructor
Entering DsStStagingDiskReal::Create
SDReal::Create : Input Name - Disk::2
Entering DsStStagingDiskReal constructor
```

```
SDReal::Ctor : Path - /home/sdsrv/stage//user2
SDReal::Ctor : RequestId - 0
SDReal::Ctor : Name - Disk::2
SDReal::Ctor : Access - RW
SDReal::Ctor : Size - 273488
Leaving DsStStagingDiskReal constructor
SDReal::Create : Staging Disk allocated name being set to value - Disk::2
Leaving DsStStagingDiskReal::Create
Entering DsStStagingDiskReal::DistDelete
SDReal::DistDelete : Delete file - L71EDC139617207013.B10
Leaving DsStStagingDiskReal::DistDelete
Entering DsStStagingDiskReal destructor
Leaving DsStStagingDiskReal destructor
```

STAGINGMONITORCONFIG file...

```
# ROOTPATH = /home/dsst/staging
# DISKSPACE = 400000
#
# [aaa] is necessary for reading this file
```

```
[GENERAL]
SERVERHOST = DRP1_
CACHESPACE = 2000000000
ROOTPATH = /usr/ecs/OPS/CUSTOM/drp/t1drg01/data/staging/
DISKSPACE = 2100000000
CACHESIZE = 1999017710
LOWWATERMARK = 5.8
HIGHWATERMARK = 90.6
MAXFILES = 10000
BLOCKSIZE = 1024
PATHLEN = 300
EXPIRATIONFLAG = TRUE
ZEROACCESSFLAG = 0
STAGINGDATALIST = /usr/ecs/OPS/CUSTOM/drp/t1drg01/data/staging/STAGINGDATALIST
MAXCMDLEN = 300
```

ECSed13123 Can't Stage Landsat LPS Data 031398
IMPACT.... There is no workaround for this problem!!!! Landsat LPS data cannot
be acquired until this problem is fixed!!

ECSed13123 Can't Stage Landsat LPS Data 031398 4/7/98
Merged the workaround to B/L on 4/3, not recommended as patch to sites. The
fix to this problem is being worked as part of NCR 12953, plan to complete
U/T and merge to F/R B/L (planned merge 4/10).

4/15/98
Completed merge to F/R, will move NCT to "T" state.

***** Problem *****

PROBLEM DESCRIPTION...

The IoAdSiteSpecific.cnfg file needs to be updated to add the IOS Html file path, CreateContactIntro, in order to read the config file.

The IoAdCreateContactIntro.html file has end of line breaks that are causing java script errors.

The workaround fix in the VATC was to update the config file and html file. The updates no longer cause the java script errors.

***** Analysis *****

Please describe your Analysis:

All of the .cnfg files were being updated in the developers test environment outside of clearcase in whatever mode that was being used for testing. The current versions that are in clearcase need to be updated to be included in the .install file.

***** Resolution *****

Please describe your resolution to this problem:

IoAdSiteSpecific.cnfg is updated and IoAdCreateContactIntro.html is placed in the .install file.

***** Verification *****

Please describe your verification:

The NCR Scrub on 7/1/98 determined that this NCR could be closed due to previous installation problems that have since been overcome.

Sheila Barriere
7/14/98

***** Closure *****

Describe the Reason for closing this NCR?

see verification

***** History *****

xddts 980114 164654 Submitted to RelB0_IOS by spete
xddts 980114 165119 Enclosure "Problem" added by spete
xddts 980119 074317 Fields modified by spetrone
xddts 980120 091428 N -> A (Assigned-to tblackwe) by gswope
xddts 980120 101621 Enclosure "Analysis" added by gswope
xddts 980120 101621 A -> R (Recommend-change = source code) by gswope
xddts 980304 171246 Enclosure Resolution added by tvu
xddts 980304 171246 R -> T by tvu
xddts 980714 073345 Fields modified by sbarrier
xddts 980714 073413 Enclosure "Verification" added by sbarrier
xddts 980714 073413 T -> V by sbarrier
xddts 980714 073424 Enclosure "Closure" added by sbarrier
xddts 980714 073424 V -> C by sbarrier

ECSed15623 Production Request Editor GUI creates wrong DPRs 061798

The workaround is to

Select NEW

Select the desired PGE

Edit the runtime parameters

Save the PR

ECSed15723 PDPS Database experiences Deadlocks for database access 062398

The workaround is to force start the job that failed because of database deadlock and retry.

ECSed15823 Unable to delete local procs from IST 062598 Please describe the problem you are experiencing below, including what you did, what you expected to happen, and what actually happened:

After defining a local proc at the ASTER IST, we were unable to delete the proc from within the procedure builder using the delete option from the file menu.

"FOSOPS is not authorized to delete procedures"

The workaround is to delete the proc from the proc directory using UNIX directives.

Debbie Ramey

6/16/98

ECSed16923 Exceeding transaction log size and number of connections in the database 081298

The workaround of

setting the number of database connections to be larger than the number of listen threads has been implemented in the stability lab.

This NCR should now be downgraded to Sev. 3

ECSed17923 Unable to cancel or delete DAS Job from Load Queue within Load Gen. 091798 Please describe the problem you are experiencing below, including what you did, what you expected to happen, and what actually happened:

While generating a DAS/ATC Load during the ORT, the DAS Job was hung in processing. Attempted to cancel and delete the job from the Load Generator Tool, but nothing occurred. Was on the phone with Tony Cetuk troubleshooting this problem and stumbled upon a workaround. We killed the Load Queuer process, and when the Job status went to "Reading", I highlighted the job and was able to delete it then. The Delete and Cancel buttons in the Load Generator window should work without having to kill the Load Queuer process.

Ed Rodriguez (FOT)
(301) 614-5136

ECSed19357 DMS Redlines To 4PX.12 Installation Instructions 112798 This TT is being written for promotion to an ECS NCR "mode OPS, drop 4PX.12, l0ins02, 2-emergency, RelB0_DMS".

The installation instructions for 4PX.12 should include the following workaround-

ECSed 19013- Edit the /usr/ecs/<MODE>/CUSTOM/.installed/DMS/.servers file to add the following entry-

```
EcDmV0ToEcsGateway  
EcDmV0ToEcsGatewayDebug.log      EcDmV0ToEcsGateway.ALOG
```

"LaRC TT # 1098"

ECSed13024 DPS: Missing DpPrDM_QueueingHost variable from DM, EM, and JobMgmt CFGs 031298 PROBLEM DESCRIPTION...

During PGE execution, staging and destaging will fail if the parameter DpPrDM_QueueingHost is not set in the configuration file EcDpPrDM.CFG.

Data Manager looks for this parameter and prints out an error message in the .ALOG for the DPR. We were running the ACT synthetic PGE and the following error message appeared in ACT#syn1#01070497130123.ALOG:

```
Msg: Can't extract the parameter DpPrDM_QueueingHost from the  
Configuration File Priority : 2 Time : 03/11/98 18:02:05
```

See workaround enclosure for instructions on how to fix the ECS Assist install files to correct the problem.

ECSed15724 RM: Resource Management causes clients to hang 062398
The workaround is to delete all stale entries, reboot the servers and rerun.

This problem has not been repeatable.

ECSed16824 Ingest CUSTOM Servers need to gracefully terminate connections to sybase 080698 There are two methods available to clear the stale sessions out of the SQL Server and make sessions available for continued processing:

- 1) The DBA can log into the SQL Server via isql as SA and kill stale sessions; or
- 2) If the first approach doesn't work for some sessions, or if the DBA wants to clear all of the stale sessions quickly, the DBA can shut down and re-start the SQL Server.

Because these workarounds exist I believe that this NCR should be downgraded to a Severity 2/Critical.

To respond to this NCR, I believe that the subsystem should check its shutdown code to make sure that it is closing all of its connection when it terminates, including its abnormal termination path.

However, if the problem results from core dumps from the servers, there is no way that the applications can close the DB connections during the core dump process -- these stale sessions will have to be cleared administratively by the DBA.

rjm 8.12.98

10/2/98 Simon Cantrell

I have investigated the method employed within Ingest to ensure servers gracefully terminate their connections to Sybase. Steps have been taken at several levels.

All Ingest servers share common code to connect and disconnect from Sybase SQL server. The classes InDBAccess and InDBAccessPool implement and manage connection and graceful disconnection from Sybase.

The class InDBAccess contains all code necessary to set up the Sybase Open Client - Server connection. It allocates the context structure, initializes the Open Client Library, sets the maximum number of connections and installs the error handlers for user-defined routines and Sybase Common Libraries. When called, it loads the various Sybase parameters from the Ingest Server config files (>CFG) and makes the connection with Sybase SQL Server. The method DBInit needs to be called once when the connection is needed in the context of the Ingest Server.

The important method for this NCR is DBExit, which is designed to exit an Ingest Server's connection to Sybase gracefully. If the connection is still current, it drops the connection to the SQL server by ct_exit and then frees the context by calling cs_ctx_drop. This is a graceful disconnect. This method needs to be called once during each server's destructor.

The class InDBAccessPool allows more than one Ingest Server to connect to the same SQL server in a thread-safe environment.

In fact, the way the Ingest servers are currently configured is to allow only one connection per server. This is done by means of a configuration parameter in the server config file (>CFG), "INGEST_CONNECTION_POOL_SIZE". This is configurable at installation time by EcsAssist and by default is set to 1.

This is the setting which was in place at GDAC for this drop (4P) confirmed by Lou Fenichel.

I have checked each Ingest server's destructor and indeed, each does call the DBExit method to ensure graceful disconnect.

Also a test was done in which the connections to an Ingest database were monitored from isql (using sp_who). Then an Ingest server was brought up. In isql, it was seen that there was one connection being used from that server to the specific Ingest database. Then the server was brought down gracefully (kill -17 (user2 signal)). Then in isql, there was no longer a connection from that server to that Ingest database. This shows that the Ingest servers are disconnecting gracefully from the Sybase server when brought down gracefully.

In conclusion, there should be no code additions to provide additional disconnect functionality.

ECSed18024 The EDOS Polling Directory does not get cleaned up automatically 033098 Describe your
Defer reason:

The X-DAAC acquire workaround allows multiple ingest polling to poll from multiple DAACs. To insure that the EDOS data is available, we will not automatically clean up the EDEOS directory until the workaround is no longer needed. This is direction we received fro AO (Richard Meyer).

ECSed11025 RE: Res. Scheduler has incorrect call to timeline 123097 PROBLEM DESCRIPTION....

- 1) The resource scheduler is calling the timeline with "EcPIRpTimeline". This is the old name for the timeline which does not exist anymore. The new name is "EcPIRpTl". This needs to be corrected in PIRpTIExec.h.

The workaround is to create a soft link in /usr/ecs/<mode>/CUSTOM/bin/PLS/ from EcPIRpTimeline to EcPIRpTl.

***** 1/10/98 *****

The previous softlink was incorrect. The softlink must go from PIRpTimeline, not EcPIRpTimeline.

Atlee

1/5/97

A new NCR has been opened to track the following problem separately. This NCR no longer applies to the cout statements. ECSed11110 has been opened to address this problem.

- 2) Resource Planning code contains cout statements that will always be printed to the screen. The code should not contain these cout statements.

ECSed11925 No data loaded in EcDmDictService_TS1 013098 .dat files containing the data out of an existing database has been made a part of ClearCase and hence delivery. This is being installed by EcsAssist under dbms/DMS/data/V0ToEcsGateway It can be sucked into the database by bcp_copyin scripts which were part of original delivery.

However the process of automatically loading the database has been deferred as this temporary workaround will be discarded when DDICT server starts doing its job

ECSed13125 IoAdCreateContactIntro.html end of lines in file 031498 NCR ID: ECSed11366

Status: CLOSED Submit Date: 980114

NCR Class: REL_B0_INFORMAL Project: RelB0_IOS Enclosures: 5

NCR TITLE....

Create Contact Intro file added to the site specific cnfg

DETECTION INFORMATION....

Build Name[*]: Drop 3
Test Site[*]: VATC
Detection Method[*]: Regression Test
Detected-In-Phase[*]: Installation
Build ID: Drop3
Test Case ID: TS0265
Platform ID: t1ins01
Severity (1=Showstopper)[*]: 2
Need fix by [*]: Routine
Mode [*]: OPS
Trouble Ticket:

REVIEW-ASSIGN INFORMATION....

Evaluate Engineer: gswope
Assigned To: gswope
Iteration [*]: Drop 4P

SUBMITTER INFORMATION....

Submitter: spete

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NCR ID: ECSed11366 Status: CLOSED
NCR Class: REL_B0_INFORMAL Project: RelB0_IOS

TO BE FIXED INFORMATION....

Problem Type[*]: source code
Recommended Change[*]: source code
Est. Fix Time (Hrs): 11
Est. Compl. Date (yymmdd): 980120
Related NCR ID: N/A

VERIFICATION INFORMATION....

Test Status (Pass/Fail)? : P
Elapsed Test Time (Hrs): 1
Verification Site[*]: EDF
Verified Build ID: Drop 4P
Verified Platform ID: t1ins01

CLOSING INFORMATION....

RESOLUTION INFORMATION....

Resolution[*]: configuration
Resolved by: tvu
Indicate_SLOC[*]: Added
Num_SLOC: 0
Fixing Time (hrs): 1
Documentation affected (Y/N)? N
Affect CSCI: adsrv

Closing Reason[*]: Fixed

CCR#/NCR#: none
Closing accepted by: sbarrier

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***** Problem *****

PROBLEM DESCRIPTION....

The IoAdSiteSpecific.cnfg file needs to be updated to add the IOS Html file path, CreateContactIntro, in order to read the config file.

The IoAdCreateContactIntro.html file has end of line breaks that are causing java script errors.

The workaround fix in the VATC was to update the config file and html file. The updates no longer cause the java script errors.

***** Analysis *****

Please describe your Analysis:

All of the .cnfg files were being updated in the developers test environment outside of clearcase in whatever mode that was being used for testing. The current versions that are in clearcase need to be updated to be included in the .install file.

***** Resolution *****

Please describe your resolution to this problem:

IoAdSiteSpecific.cnfg is updated and IoAdCreateContactIntro.html is placed in the .install file.

***** Verification *****

Please describe your verification:

The NCR Scrub on 7/1/98 determined that this NCR could be closed due to previous installation problems that have since been overcome.

Sheila Barriere
7/14/98

***** Closure *****

Describe the Reason for closing this NCR?

see verification

***** History *****

xddts 980114 164654 Submitted to RelB0_IOS by spete
xddts 980114 165119 Enclosure "Problem" added by spete
xddts 980119 074317 Fields modified by spetrone
xddts 980120 091428 N -> A (Assigned-to tblackwe) by gswope
xddts 980120 101621 Enclosure "Analysis" added by gswope

xddts 980120 101621 A -> R (Recommend-change = source code) by gswope
xddts 980304 171246 Enclosure Resolution added by tvu
xddts 980304 171246 R -> T by tvu
xddts 980714 073345 Fields modified by sbarrier
xddts 980714 073413 Enclosure "Verification" added by sbarrier
xddts 980714 073413 T -> V by sbarrier
xddts 980714 073424 Enclosure "Closure" added by sbarrier
xddts 980714 073424 V -> C by sbarrier

ECSed06026 DEM Tools had compilation errors on the HP 041097 PROBLEM
DESCRIPTION....The DEM tools had compilation errors on the DEC
This is the same problem that is in NCR ECSed06003. This supercedes that NCR
for the DEM tools. There is a workaround for 06003 that solves the problem in
that NCR for all cases except for the HP

Making all in DEM

```
Makefile for group: DEM; Target: all
cc -c -O -Ae -DHP9000 -I/usr/ecs/OPS/CUSTOM/bin/TOOLKIT/include -I/usr/
ecs/OPS/CUSTOM/bin/TOOLKIT/hdf/hp/HDF4.1r1/include -I/usr/ecs/OPS/CUSTOM/bin/TOO
LKIT/hdfeos/include PGS_DEM_Subset.c -o /usr/ecs/OPS/CUSTOM/bin/TOOLKIT/obj/hp
/DEM/PGS_DEM_Subset.o
cc: line 858: warning 5004: Uninitialized variable "initializeInfo" in function
"PGS_DEM_Subset" (5004)
cc: line 858: warning 5004: Uninitialized variable "getInfo" in function "PGS_DE
M_Subset" (5004)
cc -c -O -Ae -DHP9000 -I/usr/ecs/OPS/CUSTOM/bin/TOOLKIT/include -I/usr/
ecs/OPS/CUSTOM/bin/TOOLKIT/hdf/hp/HDF4.1r1/include -I/usr/ecs/OPS/CUSTOM/bin/TOO
LKIT/hdfeos/include PGS_DEM_Lookup.c -o /usr/ecs/OPS/CUSTOM/bin/TOOLKIT/obj/hp
/DEM/PGS_DEM_Lookup.o
cc -c -O -Ae -DHP9000 -I/usr/ecs/OPS/CUSTOM/bin/TOOLKIT/include -I/usr/
ecs/OPS/CUSTOM/bin/TOOLKIT/hdf/hp/HDF4.1r1/include -I/usr/ecs/OPS/CUSTOM/bin/TOO
LKIT/hdfeos/include PGS_DEM_OrderSubset.c -o /usr/ecs/OPS/CUSTOM/bin/TOOLKIT/o
bj/hp/DEM/PGS_DEM_OrderSubset.o
cc: "/usr/ecs/OPS/CUSTOM/bin/TOOLKIT/hdfeos/include/HdfEosDef.h", line 268: erro
r 1000: Unexpected symbol: "float64".
cc: "/usr/ecs/OPS/CUSTOM/bin/TOOLKIT/hdfeos/include/HdfEosDef.h", line 269: erro
r 1000: Unexpected symbol: "*".
cc: "/usr/ecs/OPS/CUSTOM/bin/TOOLKIT/hdfeos/include/HdfEosDef.h", line 271: erro
r 1000: Unexpected symbol: "EHinquire".
cc: error 2017: Cannot recover from earlier errors, terminating.
*** Error exit code 1
```

Stop.

Description:

Build_ID:

Test_Case_ID:

Machine_ID: relbhpcs

DEPENDENCIES....

ECSeD15526 All polling processes receive ftp error code 9 for Remote File List 061298 IMPACT....

This problem may be causing data not to be ingested from the Polling without Delivery Record interface protocol. At this time there is no significant impact due to the following workaround.

WORKAROUND....

Since the Ingest subsystem can not process orbit data at this time the EcInPolling.FDD process will now only poll the attitude polling directory. Since there is only one polling directory when an attitude data file is placed in this directory it can then be ingested and archived.

There is a workaround for the EcInPolling.NESDIS process in Drop 4P1 also. There are multiple polling directories for EcInPolling.NESDIS. To ingest all data types from NESDIS a data file must be placed into each polling directory prior to the EcInPolling.NESDIS process waking up and polling these directories.

ECSeD16626 IDL comes up in DEMO MODE when invoked via ssit manager. 073198 Submitted by Dontrell Pinder:

When IDL is invoked via SSIT manager, it come up in the DEMO mode. IDL does not work like other COTS products, it cannot use the LM_LICENSE_FILE created by RTSC. To avoid having to install FLEXXLM Licensees on each sun, the solution is to have the SSIT Manager source the idl_setup file "created by RTSC during IDL installation" before invoking IDL. This will unset the LM_LICENSE_FILE.

The impact is IDL comes up in DEMO mode and the user can only use it for 7 minutes.

The workaround is to create EcDpAtIDLscript in
/usr/ecs/TS2/CUSTOM/bin/DPS "see attachment".

```
vi /usr/ecs/TS2/CUSTOM/data/DPS/DpAtMgrInternal.pcf
change the entry 617
FROM:/usr/ecs/TS2/COTS/idl/bin/idl
TO: /usr/ecs/TS2/CUSTOM/bin/DPS/EcDpAtIDLscript
```

ECSeD17426 EcDmV0ToEcsGateway does not process Granule Request properly 082698 The following parameters were entered via B0SOT:

Search Type = Granule ID
Geographical Area = Global Search
Data Set = Aster Expidated Data
Data Center = ECS-TEST
Granule Request = XXXXXXXX

When the search is executed, all AST_EXP granules are returned.

The problem is that, even though BOSOT passes all of the above parameters to the V0ToEcsGateway, the V0ToEcsGateway is not using the Granule Request parameter correctly as a valid search attribute. The V0ToEcsGateway is only using the Search Type, Geographical Area, Data Set and Data Center parameters as search attributes and ignoring the Granule Request parameter.

There is no workaround to this problem.

ECSed11527 Sudo Privileges for 8MM, 4MM, & D3 servers acceptable 012398 NCR ID: ECSed09367
Status: CLOSED Submit Date: 971009
NCR Class: REL_B0_INFORMAL Project: RelB0_STMGT Enclosures: 5

NCR TITLE....

"Pseudo" privilege required to operate STMGT

DETECTION INFORMATION....

REVIEW-ASSIGN INFORMATION....

Build Name[*]: August Demo Evaluate Engineer: dbrown
Test Site[*]: Mini-DAAC Assigned To: dbrown
Detection Method[*]: Regression Test Iteration [*]: Drop 3
Detected-In-Phase[*]: System Verificatio
Build ID: Rump : 9/22/97
Test Case ID:
Platform ID: Sun/t1dps01
Severity (1=Showstopper)[*]: 2
Need fix by [*]: 971115
Mode [*]:

SUBMITTER INFORMATION....

Submitter: dmanion

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NCR ID: ECSed09367 Status: CLOSED
NCR Class: REL_B0_INFORMAL Project: RelB0_STMGT

TO BE FIXED INFORMATION....

VERIFICATION INFORMATION....

Problem Type[*]: configuration Test Status (Pass/Fail)?: P
Recommended Change[*]: configuration Elapsed Test Time (Hrs): 2
Est. Fix Time (Hrs): 1 Verification Site[*]: VATC
Est. Compl. Date (yyymmdd): 971219 Verified Build ID: Drop 4.05
Related NCR ID: N/A Verified Platform ID: Sun/t1dps01

CLOSING INFORMATION....

RESOLUTION INFORMATION.... Closing Reason[*]: Fixed
Resolution[*]: configuration CCR#/NCR#: none
Resolved by: dbrown Closing accepted by: sbarrier
Indicate_SLOC[*]: Not Applicable
Num_SLOC: 0
Fixing Time (hrs): 1
Documentation affected (Y/N)? N
Affect CSCI: STMGT

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***** Problem (Added at 971009 by dmanion) *****

"Pseudo" privilege is needed to operate STMGT. If user accounts are not properly configured on a new installation, operators will have to issue a priority 1 NCR, for each installation, to continue. Suggest that the account setup provide all privileges, or that the STMGT code be fixed to workaround the problem.
Submitted-on: 971009

***** Analysis *****

Please describe your Analysis:

This is an NCR written during Aug. Demo timeframe. this problem has been corrected to support Aug. Demo and follow on deliveries. This NCR should be evaluated by Test during Drop 3 to verify that this is no longer a problem.

***** Resolution *****

Please describe your resolution to this problem:

Sudo privileges were provided to operators to support the Aug. Demo.

***** Verification *****

Please describe your verification:

- * Mode : TS2
- * The pseudo privileges are needed to operate tape servers, not to operate STMGT as stated in the problem discription section.
- * Had a System Admin add pseudo privileges for user name, server, file names into the Sudo file.
- * brought the following servers up : 4MM, 8MM, and D3 servers using the following run scripts : run4MMsudo_TEST, run8MMsudo_TEST, and runD3sudo_TEST located in t1dps01 machine and under /usr/ecs/TS2/CUSTOM/utilities directory.
- * These servers were brought up sucessfully under root.

***** Closure *****

Describe the Reason for closing this NCR?

The NCR Board approved this NCR to be Closed on 5/15/98.

***** History *****

wwwweb 971009 152903 Submitted by dmanion from lo-pc2005.HITC.COM
 xddts 971212 140639 Forwarded from STMG_TelB0 to TelB0_STMG_T by tonyw
 xddts 971215 075640 enclosure "Problem" edited by spalmer
 xddts 971218 154159 N -> A (Assigned-to dbrown) by dbrown
 xddts 971222 091809 enclosure "Problem" edited by wouyang
 xddts 971222 113105 Enclosure "Analysis" added by dbrown
 xddts 971222 113105 A -> R (Recommend-change = configuration) by dbrown
 xddts 971222 113256 Enclosure Resolution added by dbrown
 xddts 971222 113256 R -> T by dbrown
 xddts 980512 102257 Enclosure "Verification" added by mnguyen
 xddts 980512 102258 T -> V by mnguyen
 xddts 980515 125322 Enclosure "Closure" added by sbarrier
 xddts 980515 125323 V -> C by sbarrier

ECSed15227 Pull Monitor clogs up Event Log with MANY messages 060198 The best
 workaround for this problem is to ensure that the Pull Monitor
 is not running on the same host as the Ingest Ftp server. Ensure that
 all FTP activity on the Pull Monitor host is restricted to Pull Monitor
 related FTPs.

ECSed15327 Unable to read from the Order Database in OPS "Drop4.x" 060598 Describe the Reason
 for closing this NCR?

NCR Board approved closure with LaRC concurrence:

Shelia,

>From the CCB meeting of September 3, 1998:

Concurrence is granted for the following NCRs -

13175	13165	13161	15327	16728	16729
16730	16737	16721	16719	16480	15301

Concurrence is NOT granted for the following NCRs -

13771 - (From Jim Gallasso) "The assumption made for the implementation of

multi-granule ESDTs is incorrect. The assumption is that if a multi-granule ESDT is used over a time period that each granule would represent a subset of the total time period.

"MISR has implemented the multi-granule ESDTs not based on time, but based on camera. Each instance of the multi-granule ESDT contains data for the same time period, but for a different camera.

"The resolution and the verification statements in this NCR are incorrect and should be withdrawn as they are based souly on an assumption. The workaround mentioned is also based on the same assumption which is inaccurate, therefore the workaround will not work.

"Since another NCR is open on the multi-granule ESDT issue, I recommend to the NCR board to close as a duplicate of: NCR 16745. Thank you."

14463 - The resolution to this problem is not clear. "What did you do to resolve this?"

Brian K. Engle
Tracking Ticket Administrator

ECSed15727 HPOV: Bringup Required MSS Agents When Machines Are Rebooted 062398 NCR ID:
ECSed12192 Status: CLOSED Submit Date: 980212
NCR Class: REL_B0_INFORMAL Project: RelB0_MSS Enclosures: 9

NCR TITLE....
Subagents not started in VATC

DETECTION INFORMATION....	REVIEW-ASSIGN INFORMATION....
Build Name[*]: Patch 3.02	Evaluate Engineer: rsnyder
Test Site[*]: EDF	Assigned To: dharum
Detection Method[*]: Demo	Iteration [*]: Drop 4P Landsat
Detected-In-Phase[*]: SV-Dry Runs	
Build ID:	
Test Case ID: TC0001	
Platform ID: various	
Severity (1=Showstopper)[*]: 2	
Need fix by [*]: Critical	
Mode [*]: Other	
Trouble Ticket:	

SUBMITTER INFORMATION....
Submitter: lswentek

TO BE FIXED INFORMATION....

VERIFICATION INFORMATION....

Problem Type[*]: source code Test Status (Pass/Fail)? : P
Recommended Change[*]: source code Elapsed Test Time (Hrs): 1
Est. Fix Time (Hrs): 1 Verification Site[*]: EDF
Est. Compl. Date (yymmdd): 980807 Verified Build ID: Drop 4PX
Related NCR ID: N/A Verified Platform ID: various

CLOSING INFORMATION....

RESOLUTION INFORMATION....

Closing Reason[*]: Fixed

Resolution[*]: configuration CCR#/NCR#: none
Resolved by: dharum Closing accepted by: sbarrier
Indicate_SLOC[*]: Added
Num_SLOC: 20
Fixing Time (hrs): 8
Documentation affected (Y/N)? N
Affect CSCI: MSS
Merge Build Id: N980806001

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***** Problem *****

PROBLEM DESCRIPTION....

During a demonstration of HP OpenView capabilities to the test team, it was discovered that the subagents were not being regularly started in the VATC.

***** Impact *****

IMPACT....

In addition to preventing HPOV management of custom software, this causes all managed servers to attempt to rebind with the subagent every 5 seconds, using up resources throughout the system.

***** Analysis *****

Please describe your Analysis:

Tivoli will be configured to monitor the subagent. If the subagent is not running for any reason, Tivoli will attempt to restart it. Tivoli configuration materials need to be turned over and the procedures need to be performed in the VATC.

Workaround:

Until Tivoli is available, the following workaround will ensure that the subagent is running on all platforms with ECS servers. Before running an ECS server, check to see whether EcMsAgSubAgent is running (if the code installed

is pre-DROP3.5, it may be named MsAgSubAgent). It should be running only once on each machine, and should only run in SHARED mode. If it is not running, run the subagent by executing "/usr/ecs/SHARED/CUSTOM/utilities/EcMsAgStartSubAgent SHARED" from the command line (you may need to use MsAgStartSubAgent for pre-DROP3.5 code). Periodically check to ensure that the subagent is still running.

***** ToBeResolved (Added 980408 by cttai) *****

A CCR approved before to add the MSS Agent start-up script into system start-up process on each machine should be carried out on all VATC machines in order to bring up the MSS subagent during system boot-up process.

This action was approved as CCR 98-0737.

***** Resolution *****

Please describe your resolution to this problem:

A startup script was added to the startup files so that the Subagent is started at boot time.

***** allmode problem (Added 980807 by sfitzhug) *****

The path is not being properly passed from the AgentStart script to the SubAgentStart script. Need to either set the path in the SubAgentStart script or have allmode have a .cshrc and have the path set there.

***** Previous Merge Build IDs *****

Please enter any related Merge Build ID(s) information:

- 1)
- 2)
- 3)
- 4)

***** Verification *****

Please describe your verification:

see closure

***** Closure *****

Describe the Reason for closing this NCR?

This NCR was replaced by CCR 98-0737.

The NCR Scrub on 9/4 approved this NCR to be Closed.

***** History *****

xddts 980212 200458 Submitted to RelBO_MSS by lswentek
xddts 980212 200742 Enclosure "Problem" added by lswentek
xddts 980212 200803 Enclosure "Impact" added by lswentek
xddts 980212 200819 enclosure "Problem" edited by lswentek
xddts 980212 200831 enclosure "Impact" edited by lswentek
xddts 980212 200839 Fields modified by lswentek
xddts 980212 200923 N -> A (Assigned-to lswentek) by lswentek
xddts 980217 181839 Fields modified by michelle
xddts 980217 183924 Enclosure "Analysis" added by lswentek
xddts 980217 183924 A -> R (Recommend-change = COTS/OS) by lswentek
xddts 980226 094154 Fields modified by vkhatri
xddts 980408 084626 Fields modified by lswentek
xddts 980408 153548 R -> R (Recommend-change = configuration) by ctsai
xddts 980408 153906 Enclosure "ToBeResolved" added by ctsai
xddts 980612 131618 Fields modified by lswentek
xddts 980612 160808 Fields modified by lswentek
xddts 980625 173014 enclosure "ToBeResolved" edited by lswentek
xddts 980630 143827 Enclosure Resolution added by ctsai
xddts 980630 143827 R -> T by ctsai
xddts 980807 121022 T -> R (Recommend-change = source code) by sfitzhug
xddts 980807 121027 Fields modified by sfitzhug
xddts 980807 121216 Enclosure "allmode problem" added by sfitzhug
xddts 980827 114502 Enclosure Previous Merge Build IDs added by dharum
xddts 980827 114502 R -> T by dharum
xddts 980902 174739 T -> T by jboliek
xddts 980902 193502 Fields modified by jboliek
xddts 980902 193514 Fields modified by jboliek
xddts 980902 193536 T -> T by jboliek
xddts 980904 132030 Enclosure "Verification" added by sbarrier
xddts 980904 132030 T -> V by sbarrier
xddts 980904 132154 Enclosure "Closure" added by sbarrier
xddts 980904 132154 V -> C by sbarrier
xddts 980904 132207 enclosure "Verification" edited by sbarrier

ECSed15927 Procedure Builder Syntax Check failure on start of Procedure with Arg 063098 Please describe the problem you are experiencing below, including what you did, what you expected to happen, and what actually happened:

When developing a procedure to start another procedure with arguments (A or B). Syntax Check failed when argument B was used. However, replacing argument B with A, Syntax Check Passed. Experimenting, an argument of C also passed Syntax Check.

Procedure is: /home/emoyer/procs/APS_PDU_HGA_FEED_ON_PRC on line #74.
syntax Check comment was (parse error -. invalid 'B' parameter)

A workaround was discovered by placing a message in the preceding line.

Eric Moyer
6/22/98

ECSed17171 STMGT GUI not Configuring tape devices 081898 We could not successfully configure the 8MMServer during the Install.
Development had to deliver an sql script to manipulate the database for us to fully configure the 8mm Stacker by updating the DsStSlot table.

Impact

This should not be a workaround. The GUI should be fixed to update the proper tables for configuring devices. Otherwise, Development will have to slate someone to support each DAAC to configure their databases manually.

Comments

The GUI should also have accurate default values "plugged-in" for the values other the "paths".

We are currently using "Test developed" GUI procedures. Development should deliver detailed notes on every value that can be entered to insure that the DAAC's get configured properly.

ECSed18527 NCC ingester runs in a infinite loop after DataServer reboot 092698 Please describe the problem you are experiencing below, including what you did, what you expected to happen, and what actually happened:

The NCC Ingester gets stuck in a infinite scrolling loop whenever the DataServer is rebooted.

Workaround: Kill and restart the NCC Ingester in the Planning and Scheduling processes which is an acceptable temporary workaround but for the long term should be addressed for a fix as the constant scrolling of event messages will fill up the database and cause performance problems.

Dawn Turner (FOT)
(301) 614-5137

ECSed18727 new 32-bit version of IMSL libraries are not installed 102098 The new 32-bit version of the IMSL libraries are required on the science processors:

e0spg05 - primary

e0spg01 - backup

These libraries are necessary to build the ASTER Version 2.1 science software. The baseline installation on e0spg05 includes only the old 32-bit libraries installed on e0mss01 and linked from e0spg05.

Old 32-bit installed on e0mss01:
/tools/imsl

Linked from e0spg05:
/usr/ecs/SHARED/COTS/imsl
/usr/ecs/TS1/COTS/imsl
/usr/ecs/TS2/COTS/imsl

A workaround has been implemented to include the temporary installation of the new 32-bit IMSL libraries in an "engineering" area located on e0spg05 at:

/data1/EGR/IMSL-N32

These libraries were compiled back at JPL and brought to the EDAAC to allow continuation of remote testing.

Requested Action: The official baseline should be updated to include these libraries and ECS approved or compiled libraries and environment setup scripts (ref ECSed18138) installed as part of the baseline.

Jim Lacasse
jmlacasse@edcmail.cr.usgs.gov
605-594-6140

ECSed19027 JEST: Jess sends the wrong value for DDISTNOTIFYTYPE for Orders - DEMO 110598
This should not be a Level 1 severity as there is a workaround through B0SOT (B0SOT can do an FTTPULL to satisfy this scenario).

ECSed10728 OT EcCoAssist cdsentry cleanup bug 121897 NCR ID: ECSed11021
Status: CLOSED Submit Date: 971230
NCR Class: REL_B0_INFORMAL Project: RelB0_SysBld Enclosures: 5

NCR TITLE....
ECS Assist Must delete CDS entries

DETECTION INFORMATION....	REVIEW-ASSIGN INFORMATION....
Build Name[*]: Drop 3	Evaluate Engineer: michelle
Test Site[*]: VATC	Assigned To: danderso
Detection Method[*]: Engineering Test	Iteration [*]: Drop 3.5
Detected-In-Phase[*]: Installation	
Build ID:	
Test Case ID:	
Platform ID: n/a	
Severity (1=Showstopper)[*]: 2	
Need fix by [*]: Critical	
Mode [*]: OPS	
Trouble Ticket:	

SUBMITTER INFORMATION....

Submitter: jujhazy

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NCR ID: ECSed11021 Status: CLOSED
NCR Class: REL_B0_INFORMAL Project: RelB0_SysBld

TO BE FIXED INFORMATION....

VERIFICATION INFORMATION....

Problem Type[*]: source code Test Status (Pass/Fail)?: P
Recommended Change[*]: source code Elapsed Test Time (Hrs): 1
Est. Fix Time (Hrs): 4 Verification Site[*]: EDF
Est. Compl. Date (yymmdd): 980116 Verified Build ID: Drop 3.5
Related NCR ID: N/A Verified Platform ID: n/a

CLOSING INFORMATION....

RESOLUTION INFORMATION....

Closing Reason[*]: Fixed

Resolution[*]: source code CCR#/NCR#: none
Resolved by: danderso Closing accepted by: sbarrier
Indicate_SLOC[*]: Added
Num_SLOC: 150
Fixing Time (hrs): 8
Documentation affected (Y/N)? N
Affect CSCI: ECS

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***** Problem *****

PROBLEM DESCRIPTION....ECS Assist must delete DCS entries before making new ones when a user executes the mkcdsentry option. If a CDS entry remains from a prior installation, the stale entry could (and has) result in a server being incorrectly registered in the CDS namespace.

The ECS Assist tools does not clean "delete" CDS entries for the servers when the kill option is used to bring the servers down.

These entries need to be cleaned for the servers to work properly.

Experience has shown us that cleaning these entries from the CDS tables ensures that the servers run smoother when re-started.

We have scripts that we can use on each system as a workaround to this problem.

So far for Drop 3, we have had to do this manually through the CDSBROWSER tool.

***** Analysis *****

Please describe your Analysis:

There are two aspects to this problem. One is ensuring that the CDS entries are removed before regenerating them using the MkCdsEntry option from the GUI. The other is removing the CDS objects whenever a server is started. That will involve changing the startup script template in the EcCoScriptlib and changing the EcCoDcecp code so that it can support a request of this kind.

In all, it is at least a day's (uninterrupted!) work.

Damian Anderson (01/14/1998)

***** Resolution *****

Please describe your resolution to this problem:

Change to /ecs/formal/COMMON/scripts/EcCoScriptlib:
#####

```
# 01/16/1998 Damian Anderson NCR ECSed11021: Rename del_cds_entry to      #
#           del_cds_object, and change EcCoDcecp code #
#           to make it delete a CDS server object. #
#           Add del_cds_object call to start_server. #
```

Added a function in the script library to call a new function in the EcCoDcecp code. The process is authenticated as cell_admin via the cell_admin keytab file by making the call:

```
EcCoCdsMgr delete ${MODE} ${PRINCIPAL} ${HOSTNAME}
```

EcCoCdsMgr is a wrapper which authenticates a limited set of DCECP calls in our EcCoDcecp TCL script library.

(See /ecs/formal/COMMON/MiscUtils/EcCoCdsMgr/EcCoCdsMgr.c)

Added a call to del_cds_object in the function start_server so that whenever a server is started, the library call will delete the remaining CDS server objects before attempting to start the server. Since this is done in the script library, it should be unnecessary to replicate the change in every startup script. Server startup scripts which do not use the call:

```
EcCoScriptlib start_server
```

will find that they need to make the call:

EcCoScriptlib del_cds_object \${MODE} \${EXECUTABLE}

to delete the CDS server objects. It has been reported to me that the DCECP "object delete" calls do not always work on SGI, so this needs to be tested adequately.

Change to /ecs/formal/COMMON/MiscUtils/EcCoDcecp/EcCoDcecp
#####

01/16/1998 Damian Anderson NCR ECSed11021: Implement EcCoDeleteServerObj #
to delete server objects before startup.

Implemented a new function in DCECP which deletes the CDS server objects for a server. Because some subsystems do not follow the CDS naming standard in SD-1-015, attempted to delete the following entries, we need to delete objects with "Obj" in the name.

OPS MODE:

\${SERVERS_DIR}/\${host}/\${principal}/\${principal}
\${SERVERS_DIR}/\${host}/\${principal}/EcAgManager
\${SERVERS_DIR}/\${host}/\${principal}/\${principal}Obj
\${SERVERS_DIR}/\${host}/\${principal}/EcAgManagerObj

other modes:

\${SERVERS_DIR}/\${host}/\${principal}/\${principal}_\${mode}
\${SERVERS_DIR}/\${host}/\${principal}/EcAgManager_\${mode}
\${SERVERS_DIR}/\${host}/\${principal}/\${principal}Obj_\${mode}
\${SERVERS_DIR}/\${host}/\${principal}/EcAgManagerObj_\${mode}

where

SERVERS_DIR = ./ecs/subsys/servers
host = the host running the process
principal = server principal
mode = usual meaning.

The "Obj" is not supposed to be in the name according to the naming standard, but since it is so common, I attempt to delete objects with "Obj" in the name too. It would help if we all agreed on what the CDS object naming standard is and then keep to it.

Also, why do we have different names for OPS mode and other modes? It would make sense to have all modes follow the same convention.

Damian Anderson (01/16/1998)

***** Verification *****

Please describe your verification:

The NCR Scrub on 7/1/98 determined that this NCR could be closed due to previous installation problems that have since been overcome.

Sheila Barriere
7/10/98

***** Closure *****

Describe the Reason for closing this NCR?

see verification

***** History *****

xddts 971230 085221 Submitted to RelBO_SysBld by jujhazy
xddts 971230 085512 Enclosure "Problem" added by jujhazy
xddts 980105 141852 enclosure "Problem" edited by michelle
xddts 980105 142003 enclosure "Problem" edited by michelle
xddts 980106 111521 N -> A (Assigned-to rmagill) by michelle
xddts 980113 190907 Fields modified by rmagill
xddts 980114 114611 Enclosure "Analysis" added by michelle
xddts 980114 114611 A -> R (Recommend-change = source code) by michelle
xddts 980114 114749 enclosure "Analysis" edited by danderso
xddts 980114 124006 Fields modified by spetrone
xddts 980116 202706 Enclosure Resolution added by danderso
xddts 980116 202706 R -> T by danderso
xddts 980721 120048 Enclosure "Verification" added by sbarrier
xddts 980721 120049 T -> V by sbarrier
xddts 980721 120100 Enclosure "Closure" added by sbarrier
xddts 980721 120100 V -> C by sbarrier

ECSed11828 PRONG:DataMgmt::Destage: Success returned although Destage failed 013198
PROBLEM DESCRIPTION....

When running the synthetic ACT chained with ETS against Drop3.02 code the following happens:

- 1- ACT completes without error and ETS is kicked off via notification
- 2- ETS appears to complete successfully but does not successfully insert the AST_08 output granule for "Failure inserting metadata in catalog"
The destage log reports a success condition for the entire destage process and Autosys reports a successful completion (color coded blue). There is an existing NCR that relates to this problem (NCR 10851)
The AST_05 however, is destaged successfully.

The ETS Aster PGE was previously run successfully against 3.01 code.

Impact: The destage process is unreliable. The PDPS database and system thinks that the PGE has run and destaged all output products successfully to Sdsrv when it hasn't. This can be very misleading to a user.

In addition.. If this situation occurs, You cannot rerun the PGE because currently a previously run PGE can not be re-run in the system without resetting the database or manual manipulation of the pdps database.

There is currently no workaround.

ECSed12128 SCSI Cables keep breaking 021098 2/13/98 Status:
Gary Gavigan is calling EDC (Beverage) today to find out if their local DAAC ILS maintenance team can make temporary fixes with their local repair kit before the cable replacements arrive (which are on emergency shipment order). If so, this NCR can be downgraded to priority 2 (with this temporary workaround).

Karen Hoffman

ECSed14528 PRONG: Unable to acquire granules concurrently on multiple science procs 050598
IMPACT....

Running with multiple science processors and data concurrency on the science processors with error recovery does not work.

Workaround: When we encounter such a case, there is no easy workaround.

ECSed14928 ICL1 and DRP1 are not registered right in DCE 051898
5/19/98- Problem stated as resolved by EDC (Greg Stensas) . EDC action to update NCR with workaround. STMGT want to investigate to verify there are no registration issues with servers.

ECSed14928 ICL1 and DRP1 are not registered right in DCE 051898 Joan and I worked with Kevin Lange this afternoon to manually add these four entries. However, this was NOT the fix, but only a workaround to continue L7 testing. The fix has to be made to the ECS Assist Code, so the ticket should be written again sysbuild.

The story is ...

The ECS Assist "mkcfg" button does nothing for TS2 mode. This is because that the "mkcfg" command is missing from the executable for TS2. It works fine for TS1.

Kim

Date: Mon, 18 May 1998 15:57:10 -0500
From: Kim Johnson <kimj@edcmail.cr.usgs.gov>
To: klange@eos.hitc.com
Subject: TT 14928 from Joan R.
Mime-Version: 1.0
Content-Type: text/plain
Content-Disposition: inline

Hi Kevin!

We've written an NCR on the problem... apparently the one we were thinking of was slightly different. The new one was just written and is ECSed14928.

But, in the meantime, can you create the following entries on the client side here at EDC...

```
./:/subsys/ecs/TS2/EcDsStArchiveServerDRP1  
./:/subsys/ecs/TS2/EcDsStStagingDiskServerDRP1  
./:/subsys/ecs/TS2/EcDsStStagingMonitorServerDRP1  
./:/subsys/ecs/TS2/EcDsStStagingDiskServerICL1
```

Thanks!

... Kim and Joan

ECSed16728 EcDbDesc Requires External Definition of SYBASE Variable 073198 Describe the Reason for closing this NCR?

NCR Board approved closure with LaRC concurrence:

Shelia,

>From the CCB meeting of September 3, 1998:

Concurrence is granted for the following NCRs -

13175	13165	13161	15327	16728	16729
16730	16737	16721	16719	16480	15301

Concurrence is NOT granted for the following NCRs -

13771 - (From Jim Gallasso) "The assumption made for the implementation of multi-granule ESDTs is incorrect. The assumption is that if a multi-granule ESDT is used over a time period that each granule would represent a subset of the total time period.

"MISR has implemented the multi-granule ESDTs not based on time, but based on camera. Each instance of the multi-granule ESDT contains data for the same time period, but for a different camera.

"The resolution and the verification statements in this NCR are incorrect and should be withdrawn as they are based souly on an assumption. The workaround mentioned is also based on the same assumption which is

inaccurate, therefore the workaround will not work.

"Since another NCR is open on the multi-granule ESDT issue, I recommend to the NCR board to close as a duplicate of: NCR 16745. Thank you."

14463 - The resolution to this problem is not clear. "What did you do to resolve this?"

Brian K. Engle
Tracking Ticket Administrator

ECSed18728 SSIT: Static Insert tool cannot overwrite "New" type granules 102098 IMPACT....

The same thing may happen again -- the user may think s/he is overwriting one static granule, whereas s/he will really be overwriting the other.

Operationally, the PGE will fail, and the reason -- wrong input file -- may be hard to determine.

The workaround of changing the database manually will do, as long as the user is aware of what the problem is.

Tom A. 21-Oct-98

ECSed05429 Problems with DCE Communication between DDSG1SUN and ACMG5SUN. 111896

Please describe the problem you are experiencing below, including what you did, what you expected to happen, and what actually happened:

Two problems occur when an attempt to process an ingest request using the HTML ingest interface is initiated.

First, when the HTML interface (running on ddsg1sun) sends a DAN to Request Manager (running on acmg5sun), the following error occurs:

```
DCE Exception Caught: object not found (dce / rpc)
dan_cer00 ingest Interrupted
The RequestManager process is probably not running.
```

There is a workaround used to submit ingest request using the HTML interface. If a cdsping command is issued in a ddsg1sun window, the ingest request is executed.

Second, when receiving rpcs between ddsg1sun and acmg5sun after an ingest request is finally sent, the parameters returned in the rpc are corrupted.

This causes the Request Manager to core dump. There is no workaround.

ECSed09529 Prolog Extractor does not run with an output filename specified. 071697

This tt should be sent to ECS to be fixed for future versions of the SSIT

tools. A workaround exists. No local action at EDC is required.

This is a clone of the 7721 which was forwarded to M&O.

ECSed12129 SCSI Cables keep breaking 021098 Gary Gavigan is calling EDC (Beverage) today to find out if their local

DAAC ILS maintenance team can make temporary fixes with their local repair kit before the cable replacements arrive (which are on emergency shipment order). If so, this NCR can be downgraded to priority 2 (with this temporary workaround).

Karen Hoffman

ECSed14929 ICL1 and DRP1 are not registered right in DCE 051898 5/19/98- Problem stated as resolved by EDC (Greg Stensas). EDC action to update NCR with workaround. STMGT want to investigate to verify there are no registration issues with servers.

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```
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./:/subsys/ecs/TS2/EcDsStStagingMonitorServerDRP1  
./:/subsys/ecs/TS2/EcDsStStagingDiskServerICL1
```

Thanks!

... Kim and Joan

ECSed15629 User accounts and Installation accounts need to be in same group 061798 IMPACT....

PDPS cannot acquire PGE tar files and therefore can not run PGEs. Furthermore, there are not clear error messages on PDPS or DSS side that notify the user that he/she cannot write to the staging area. The workaround is to have a system administrator add the ftp account to the installation group prior to logging into the system.

ECSed15729 The PDPS hdf file have metadata differences. 062298 NCR ID: ECSed14689
Status: ASSIGNED-TEST Submit Date: 980508
NCR Class: REL_B0_INFORMAL Project: RelB0_SDSRV_DT Enclosures: 5

NCR TITLE....

Missing "class" attribute on met file when acquire data from sdsrv

DETECTION INFORMATION....

REVIEW-ASSIGN INFORMATION....

Build Name[*]: Drop 4 Evaluate Engineer: adupree
Test Site[*]: Mini-DAAC Assigned To: rhartran
Detection Method[*]: Regression Test Iteration [*]: Drop 4P
Detected-In-Phase[*]: System Verificatio
Build ID:
Test Case ID:
Platform ID:
Severity (1=Showstopper)[*]: 1
Need fix by [*]: Emergency
Mode [*]: TS1

SUBMITTER INFORMATION....

Submitter: fhuang

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NCR ID: ECSed14689 Status: ASSIGNED-TEST
NCR Class: REL_B0_INFORMAL Project: RelB0_SDSRV_DT

TO BE FIXED INFORMATION....

Problem Type[*]: source code
Recommended Change[*]: source code
Est. Fix Time (Hrs): 4
Est. Compl. Date (yymmdd): 980522
Related NCR ID: ECSed15729

RESOLUTION INFORMATION....

Resolution[*]: source code
Resolved by: rhartran
Indicate_SLOC[*]: Combination
Num_SLOC: 10
Fixing Time (hrs): 4

Documentation affected (Y/N)? N

Affect CSCI: sdsrv

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***** Problem (Added at 980508 by fhuang) *****

When the data is acquire from sdsrv, the met is generated by sdsrv.
The "class = " attribute is missing inside of the object "ParameterValue"
of the group "InformationConet" of the object
"AdditionalAttributesContainer". The toolkit requires the "class"
attribute in the met file, without this PGE execution will fail.
This problem occurs on the MOD35_L2, MOD03, and MOD07_L2 ESDT.
The GSFC will be have the same problem.

The example of the met file as following:

```
GROUP = AdditionalAttributes
  OBJECT = AdditionalAttributesContainer
    CLASS = "1"
    OBJECT = AdditionalAttributeName
      CLASS = "1"
      Value = "Snow_IceSurfaceProcessedPct"
      TYPE = "STRING"
      NUM_VAL = 1
    END_OBJECT = AdditionalAttributeName
  GROUP = InformationContent
    CLASS = "1"
    OBJECT = ParameterValue
      Value = ""0""
      TYPE = "STRING"
      NUM_VAL = 1
    END_OBJECT = ParameterValue
  END_GROUP = InformationContent
END_OBJECT = AdditionalAttributesContainer
OBJECT = AdditionalAttributesContainer
  CLASS = "2"
  OBJECT = AdditionalAttributeName
    CLASS = "2"
    Value = "ClearPct250m"
    TYPE = "STRING"
    NUM_VAL = 1
  END_OBJECT = AdditionalAttributeName
GROUP = InformationContent
  CLASS = "2"
  OBJECT = ParameterValue
    Value = ""38.14999999999999""
    TYPE = "STRING"
    NUM_VAL = 1
  END_OBJECT = ParameterValue
END_GROUP = InformationContent
END_OBJECT = AdditionalAttributesContainer
```

***** SDE Analysis (Added 980519 by cboettch) *****

SDE Analysis:

The "Class =" structure in the populated *.met returned by SDSRV is technically correct. The *.met that resulted from the acquire does match that the CCB'd ESDT descriptor file template, which was agreed upon by SDSRV, SDP TK and Science Office. The SDP TK PGS_MET_* routines are expecting a "Class =" structure which is not in sync with SDSRV and the Release B.0 ESDT descriptor file template. However, it will need to be decided whether the fix or workaround is to be performed in SDSRV code or in SDP TK code.

NCR ECSed05929 (Project=RelB0_Toolkit; verified and closed 4/27/97) states that

The toolkit must be modified to handle the descriptor template syntax for declaring CLASS=M for groups within container objects.

While the fix for ECSed05929 may have allowed populated *.met files to be written out by a PGE using the SDP TK, it appears that this "Class =" format as assumed by and written by the SDP TK does not match that of SDSRV which builds the acquire *.met files.

The Release B.0 ESDT descriptor file template did contain the present "Class =" structure long before NCR ECSed05929 was fixed. SDSRV built the acquire code based on this agreed-upon template. Here is the corresponding AdditionalAttributesContainer section of the Release B.0 ESDT descriptor file template

```
/* NOTE: The following block of ODL for AdditionalAttributes is */
/* commented out in this ESDT descriptor file template. This */
/* indicates that, while this information should not appear in an */
/* actual ESDT descriptor file, this block ODL must appear in any */
/* MCF that is generated from an ESDT's INVENTORYMETADATA */
/* section in place of the GROUP = ProductSpecificMetadata in the */
/* ESDT descriptor file, if any product-specific will be set for */
/* the given ESDT. The GROUP = ProductSpecificMetadata ODL appears */
/* in ESDT descriptor files, but not in MCFs. The text between the */
/* 'Begin MCF ODL block' and 'End MCF ODL block' comment lines must */
/* be used by either Data Server or the MetaDataWorks tool when a */
/* MCF is generated from an ESDT's INVENTORYMETADATA section, if */
/* product-specific attributes will be set by science software for */
/* granules corresponding to that ESDT. This AdditionalAttributes */
/* ODL must exist within MCFs if the SDP Toolkit APIs are to be */
/* used to successfully set product-specific attributes. */
/* */
/* At the Granule-level AdditionalAttributes consists only of the */
/* AdditionalAttributeName attribute; this means that the */
/* COLLECTIONMETADATA section must contain corresponding definitions */
/* of AdditionalAttributeDescription & AdditionalAttributeDatatype */
/* for this specific AdditionalAttributeName. */
/* It is necessary to include NUM_VAL information for the component */
```

```

/* attribute ParameterValue in order to supply the information */
/* needed by SDP Toolkit routines. */
/* The NUM_VAL = MAX_NUM_PARAMETERVALUE must be replaced with the */
/* ESDT-specific value of the maximum possible number of Granule- */
/* level ParameterValue instances for this ESDT. */

```

```

/***** Begin MCF ODL block *****/
/* GROUP = AdditionalAttributes */
/* OBJECT = AdditionalAttributesContainer */
/* Data_Location = "NONE" */
/* Class = "M" */
/* Mandatory = "TRUE" */
/* */
/* /* AdditionalAttributes */
/* OBJECT = AdditionalAttributeName */
/* Data_Location = "PGE" */
/* Mandatory = "TRUE" */
/* Class = "M" */
/* TYPE = "STRING" */
/* NUM_VAL = 1 */
/* END_OBJECT = AdditionalAttributeName */
/* */
/* /* InformationContent */
/* GROUP = InformationContent */
/* Class = "M" */
/* */
/* OBJECT = ParameterValue */
/* Data_Location = "PGE" */
/* Mandatory = "TRUE" */
/* TYPE = "STRING" */
/* NUM_VAL = MAX_NUM_PARAMETERVALUE */
/* END_OBJECT = ParameterValue */
/* */
/* END_GROUP = InformationContent */
/* */
/* END_OBJECT = AdditionalAttributesContainer */
/* END_GROUP = AdditionalAttributes */
/***** End MCF ODL block *****/

```

***** Forwarded to SDSRV (Added 980520 by darringt) *****

The method for Toolkit to retrieve the metadata is based on the Attribute Object.

The metadata created by the TOOLKIT always includes "CLASS = X" in each section of Object, such as:

```

GROUP          = ADDITIONALATTRIBUTES
OBJECT         = ADDITIONALATTRIBUTESCONTAINER
CLASS         = "1"

```

```

/* AdditionalAttributes */

```

```
OBJECT      = ADDITIONALATTRIBUTENAME
CLASS      = "1"
NUM_VAL    = 1
VALUE      = "PGENAME"
END_OBJECT  = ADDITIONALATTRIBUTENAME
```

```
/* InformationContent */
```

```
GROUP      = INFORMATIONCONTENT
CLASS      = "1"
OBJECT     = PARAMETERVALUE
NUM_VAL    = 1
CLASS     = "1"
VALUE     = "6.1p1"
END_OBJECT = PARAMETERVALUE
END_GROUP  = INFORMATIONCONTENT
END_OBJECT = ADDITIONALATTRIBUTESCONTAINER
```

Without "CLASS = x" in the OBJECT, TOOLKIT can not retrieve the value.

I just consulted with Alward about this problem. Alward and I also thought the format of the metadata created after Science Data Server acquired for an ESDT is not correct.

he format of metadata created by the Science Data Server is same as the MCF template file. Acutally, the format of metadata should not include "TYPE = xxx" for each Object but should include "CLASS = x" for each Object.

Carol

***** Analysis *****

Please describe your Analysis:

When new ODL groups are encountered, the SaveToExternal methods reset their local counter for Container level. Thus if the ODL has Group - Container - Group - Object, the Object container counter is 0 (and we don't print the Class = statement if the counter is 0).

***** Resolution *****

Please describe your resolution to this problem:

Make the default behavior to reset the Container Counter when a new Group is encountered. However when a Container is encountered the code is set to NOT reset the container counter when new Groups are encountered.

This fixed three sets of attributes, MeasureParameter,

AdditionalAttributes, and GPolygon.

***** History *****

wwwweb 980508 132610 Submitted by fhuang from 192.150.28.5
xdds 980508 151818 Forwarded from RelB0_SDSRV to RelB0_SDSRV_DTS by adupree
xdds 980508 151835 N -> A (Assigned-to rhartran) by adupree
xdds 980519 101919 Enclosure "SDE Analysis" added by cboettch
xdds 980520 075210 Forwarded from RelB0_SDSRV_DTS to RelB0_Toolkit by sbarrier
xdds 980520 075216 Fields modified by sbarrier
xdds 980520 075238 Fields modified by sbarrier
xdds 980520 080756 Forwarded from RelB0_Toolkit to RelB0_SDSRV by darringt
xdds 980520 081551 Enclosure "Forwarded to SDSRV" added by darringt
xdds 980520 161635 Fields modified by adupree
xdds 980526 145404 Enclosure "Analysis" added by adupree
xdds 980526 145404 A -> R (Recommend-change = source code) by adupree
xdds 980526 145653 Enclosure Resolution added by rhartran
xdds 980526 145653 R -> T by rhartran
xdds 980601 103758 Forwarded from RelB0_SDSRV to RelB0_SDSRV_DTS by adupree
xdds 980624 135339 Fields modified by sbarrier

ECSed16729 EcDbDesc Requires External Definition of SYBASE Variable 073198 Describe the Reason for closing this NCR?

NCR Board approved closure with LaRC concurrence:

Shelia,

>From the CCB meeting of September 3, 1998:

Concurrence is granted for the following NCRs -

13175	13165	13161	15327	16728	16729
16730	16737	16721	16719	16480	15301

Concurrence is NOT granted for the following NCRs -

13771 - (From Jim Gallasso) "The assumption made for the implementation of multi-granule ESDTs is incorrect. The assumption is that if a multi-granule ESDT is used over a time period that each granule would represent a subset of the total time period.

"MISR has implemented the multi-granule ESDTs not based on time, but based on camera. Each instance of the multi-granule ESDT contains data for the same time period, but for a different camera.

"The resolution and the verification statements in this NCR are incorrect and should be withdrawn as they are based solely on an assumption. The workaround mentioned is also based on the same assumption which is inaccurate, therefore the workaround will not work.

"Since another NCR is open on the multi-granule ESDT issue, I recommend to the NCR board to close as a duplicate of: NCR 16745. Thank you."

14463 - The resolution to this problem is not clear. "What did you do to resolve this?"

Brian K. Engle
Tracking Ticket Administrator

ECSed17829 8mm tape software driver imposes security treat as implemented 091598 NCR ID:
ECSed16348 Status: ASSIGNED-TEST Submit Date: 980721
NCR Class: REL_B0_INFORMAL Project: RelB0_STMGT Enclosures: 7

NCR TITLE....

SUDO-Root software needed at the DAACs for Drop 4P1

DETECTION INFORMATION....

Build Name[*]: Drop 4P
Test Site[*]: VATC
Detection Method[*]: Analysis
Detected-In-Phase[*]: Build/Compile
Build ID: Drop 4P1
Test Case ID:
Platform ID: ALL DAACs
Severity (1=Showstopper)[*]: 2
Need fix by [*]: Emergency
Mode [*]: Other
Trouble Ticket:

REVIEW-ASSIGN INFORMATION....

Evaluate Engineer: hausden
Assigned To: sandrzej
Iteration [*]: Drop 4P1

SUBMITTER INFORMATION....

Submitter: bmyer

TO BE FIXED INFORMATION....

Problem Type[*]: COTS/OS
Recommended Change[*]: COTS/OS
Est. Fix Time (Hrs): 100
Est. Compl. Date (yymmdd): 980812
Related NCR ID: N/A

RESOLUTION INFORMATION....

Resolution[*]: source code
Resolved by: sandrzej
Indicate_SLOC[*]: Added
Num_SLOC: 120
Fixing Time (hrs): 100
Documentation affected (Y/N)? Y
Affect CSCI: STMGT
Merge Build Id:

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***** Problem (Added at 980721 by bmyer) *****

The software and user information tables to grant SUDO-Root privileges is needed at all DAAC sites. This is needed for the tape servers "D3, 8MM and 4MM" to work at the sites. The tape servers need to run with root privileges. SUDO-Root allows only the servers assigned SUDO-Root to run with root privileges and does not allow person who starts the servers any type of Root privileges.

This is absolutely necessary for Drop 4P1. The tape servers are useless without this.

***** Status (Added 980729 by hausden) *****

Although deploying SUDO to the DAACs would fix this problem, GSFC DAAC at least is reluctant to have SUDO on their network. Development is working on a better solution, which involves setting the setuid bit on the permissions. This has worked in the EDF and Mini-DAAC but not yet at GSFC.

***** Analysis *****

Please describe your Analysis:

Development are continuing to work on a solution that does not require root access for the tape servers. In the meanwhile, we are making sudo available at the SMC for download by the sites. However there is an even simpler workaround: start the servers as root. Bob Cavey has verified this at GSFC and Gordon Brandyburg has verified it at EDC.

***** Forwarding Info (Added 980817 by cwhitake) *****
8/17

This NCR is being forwarded to STGMT for long term implementation of this problem.

***** STATUS0930 (Added 980930 by dbrown) *****
Looking into using setuid and seteuid to change user ids running only as root for the ioctl calls which require root permissions as running as a regular user the rest of the time.

***** Previous Merge Build IDs *****
Please enter any related Merge Build ID(s) information:

- 1)
- 2)
- 3)
- 4)

***** Resolution *****
Please describe your resolution to this problem:

Changed the server logic to set the effective user ID at startup, then reset it back to root whenever tape operations must be performed. Although this requires that the setuid bit be set on the executable, it eliminates the need for sudo, and ensures that all operations other than ioctl() calls are performed with the effective user ID of the user who invoked the server. This eliminates the security risk of system() calls being executed as root.

***** History *****
wwwweb 980721 124206 Submitted by bmyer from 192.150.28.5
xdfts 980723 112159 Forwarded from RelB0_MSS to RelB0_Sys_Engr by sbarrier
xdfts 980723 112218 N -> A (Assigned-to hausden) by hausden
xdfts 980729 175725 Enclosure "Status" added by hausden
xdfts 980807 122019 Enclosure "Analysis" added by hausden
xdfts 980807 122019 A -> R (Recommend-change = COTS/OS) by hausden

xddts 980817 181012 Enclosure "Forwarding Info" added by cwhitake
xddts 980817 181036 Forwarded from RelB0_Sys_Engr to RelB0_STMGT by cwhitake
xddts 980929 152404 Fields modified by dbrown
xddts 980930 083516 Enclosure "STATUS0930" added by dbrown
xddts 981103 143647 Enclosure Previous Merge Build IDs added by sandrzej
xddts 981103 143809 Enclosure Resolution added by sandrzej
xddts 981103 143809 R -> T by jcrowfor

ECSed18529 Load Scheduler Tool locks up after cutting Uplink Activities from T/L 092698 Please describe the problem you are experiencing below, including what you did, what you expected to happen, and what actually happened:

During DR verification Testing, I scheduled a MISR Uplink Activity on the Timeline (3 tries). A constraint exists on the system which alerts the user to schedule MISR Uplinks during night time only. Upon seeing the constraint I cut the Uplink activities from the timeline. The Load Scheduler button turned green as expected, but I was unable to reschedule the cut activity. The entire tool was frozen, preventing mw from changing anything. The workaround for this problem is to shut down the tool completely and attempt to reschedule it. I don't know if this has anything to do with this, but the Uplink Activities were scheduled against deleted TDRS Contacts. Even though, the Load Scheduler Tool should not freeze up like this when an Activity is cut from the Timeline.

Ed Rodriguez (FOT)
(301) 614-5136 9/9/98

ECSed05230 Control Window and Display_Builder Interaction 021097 Please describe the problem you are experiencing below, including what you did, what you expected to happen, and what actually happened:

The Control Window has closed unexpectedly during two scenarios with Display_Builder. In the first instance, when Display_Builder was closed via the File Menu (Quit) of the Display_Builder Palette Window, the Control Window closed also. A snap of the UNIX status window is available. Secondly, after an attempt to TAKE GROUNDCONTROL prior to connecting to String 100, Display_Builder was selected for opening. The Control Window closed and Display_Builder did not open. Snaps of the Event_Display are available.

After the Control Window closes, the Userstation cannot be used for operations. It takes about 15 minutes to "MyKill" the user Work Station, restart it, and reconnect to the String. The workaround is to have several workstations open and connected to the String, just in case the Control Window closes unexpectedly.

Rob Messerly (SI &IT) 12/20/96 SMOdr00173

ECSed11030 SSIT: Install permissions to SSIT checklist 123097 PROBLEM DESCRIPTION....
When a user invokes the SSIT manager he/she does not have permissions to change states to any checklist item or provide comments regarding a checklist item after the initial install.

Shouldn't there be write permission (atleast for users in the same group) on the default checklist provided with the install?

The workaround used for this problem was to log in as ts2cm and change the permissions on

/usr/ecs/TS2/CUSTOM/data/DPS/Default_Database.pag and

/usr/ecs/TS2/CUSTOM/data/DPS/Default_Database.dir

to allow write permission to the SSIT checklist.

ECSed12030 PGE compile fails due to Toolkit include file error 020698 Assuming you have the proper permissions, edit the Toolkit code in question so that it looks like

! AUTHOR:

! Alward Siyyid

! Carol S. W. Tsai / Space Applications Corporation

!

! HISTORY:

! 15-Jun-95 ANS Initial version

! 18-Mar-96 ANS updated for tk5+

! 26-Nov-97 CSWT Added new ddfinition for strings "PGSd_MET_MAX_STRING_SET_L"

! and "PGSd_MET_MAX_ARRAY_ELEMENT_SIZE"

!

(Note change on 3rd line from "|" to "!" .)

Recompile code.

Tom A. 6-Feb-98

ECSed15730 No Error Message When Plan Fails to Activate 062298 NCR ID: ECSed15301

Status: CLOSED Submit Date: 980604

NCR Class: REL_B0_INFORMAL Project: RelB0_PLS Enclosures: 5

NCR TITLE....

No Error Message When Plan Fails to Activate

DETECTION INFORMATION....

REVIEW-ASSIGN INFORMATION....

Build Name[*]: Drop 4

Evaluate Engineer: cbories

Test Site[*]: LaRC DAAC

Assigned To: cbories

Detection Method[*]: Acceptance Test Iteration [*]: Drop 4P Landsat

Detected-In-Phase[*]: Acceptance Testing

Build ID:

Test Case ID:

Platform ID: t1pls02

Severity (1=Showstopper)[*]: 2

Need fix by [*]: Critical

Mode [*]: OPS

Trouble Ticket:

SUBMITTER INFORMATION....

Submitter: engle

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NCR ID: ECSed15301 Status: CLOSED
NCR Class: REL_B0_INFORMAL Project: RelB0_PLS

TO BE FIXED INFORMATION....	VERIFICATION INFORMATION....
Problem Type[*]: source code	Test Status (Pass/Fail)? : P
Recommended Change[*]: source code	Elapsed Test Time (Hrs): 1
Est. Fix Time (Hrs): 4	Verification Site[*]: VATC
Est. Compl. Date (yymmdd): 980612	Verified Build ID: Drop 4PL
Related NCR ID: N/A	Verified Platform ID: t1pls02

CLOSING INFORMATION....

RESOLUTION INFORMATION....	Closing Reason[*]: Fixed
Resolution[*]: source code	CCR#/NCR#: none
Resolved by: cbories	Closing accepted by: sbarrier
Indicate_SLOC[*]: Added	
Num_SLOC: 20	
Fixing Time (hrs): 4	
Documentation affected (Y/N)? Y	
Affect CSCI: PLS/PWB	
Merge Build Id:	

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***** Problem (Added at 980604 by g.e.engle) *****
This TT is being written for promotion to an ECS NCR "2-critical, mode OPS, drop4.05, 10pls01, RelB0_PLS".

During testing of v4.05 in mode OPS at LaRC, activation of plan ASTER_OPS_LLL failed. The startup screen and the EcPIWb activity log showed that a DCE error had occurred. However, the user received no message that plan activation had failed. The only indicators were that the Activation window disappeared, but the status of the Plan remained "Default", not "Active".

If plan activation fails, the user should be notified.

***** Analysis *****

Please describe your Analysis:
The method PIWbScheduler::activate is called in two parts of the workbench code: PIWbWin::reactivateBtnCb
and PIWbActivateWin::applyChanges

In neither of these calls, is the return value checked. It should be checked whether the return is successful (TRUE) or failed (FALSE) and if it has failed, a pop up message should appear and inform the operator. Also put message to message handler and ALOG.
Use DMessageBox probably.

***** Resolution *****

Please describe your resolution to this problem:

After every call to PIWbScheduler::activate I poll the result, and if it has failed I pop a message to alert the operator.

***** Verification *****

Please describe your verification:

Created a plan. Activated the plan with JobMgmt Server down. The plan failed to activate. A dialog box appeared saying the Plan Failed to Activate.

***** Closure *****

Describe the Reason for closing this NCR?

Shelia,

>From the CCB meeting of September 3, 1998:

Concurrence is granted for the following NCRs -

13175	13165	13161	15327	16728	16729
16730	16737	16721	16719	16480	15301

Concurrence is NOT granted for the following NCRs -

13771 - (From Jim Gallasso) "The assumption made for the implementation of multi-granule ESDTs is incorrect. The assumption is that if a multi-granule ESDT is used over a time period that each granule would represent a subset of the total time period.

"MISR has implemented the multi-granule ESDTs not based on time, but based on camera. Each instance of the multi-granule ESDT contains data for the same time period, but for a different camera.

"The resolution and the verification statements in this NCR are incorrect

and should be withdrawn as they are based souly on an assumption. The workaround mentioned is also based on the same assumption which is inaccurate, therefore the workaround will not work.

"Since another NCR is open on the multi-granule ESDT issue, I recommend to the NCR board to close as a duplicate of: NCR 16745. Thank you."

14463 - The resolution to this problem is not clear. "What did you do to resolve this?"

Brian K. Engle
Tracking Ticket Administrator

***** History *****

wwwweb 980604 090703 Submitted by g.e.Engle from magician.larc.nasa.gov
xdds 980604 143844 N -> A (Assigned-to cbories) by cbories
xdds 980605 151455 Enclosure "Analysis" added by cbories
xdds 980605 151457 A -> R (Recommend-change = source code) by cbories
xdds 980625 083941 Enclosure Resolution added by cbories
xdds 980625 083941 R -> T by cbories
xdds 980901 131338 Enclosure "Verification" added by dpinder
xdds 980901 131338 T -> V by dpinder
xdds 980904 112538 Enclosure "Closure" added by sbarrier
xdds 980904 112538 V -> C by sbarrier

ECSed15930 SRF Misses Completion Callback and hangs 063098 Please describe your resolution to this problem:

It was observed that the Request Manager would hang in a particular example of handling a request with 17 granules. The Request Manager would hang while deleting DCEPthread object. This would happen on SGI and not on SUN. The problem was initially being looked into by Bryn Ardanuy.

A workaround was found that if the threads attribute object was deleted before doing a pthread_detach, the application would not hang. Since the problem did not occur on Sun, the code was left unchanged for Sun and modified for SGI only.

The OODCE source file Pthread.C was modified which resulted in the modification of OODCE library, liboodce.a. The DCEPthread destructor was modified to put a #ifdef for SGI only.

The new oodce library was built by me (Raj Wagle) and was tested out by Annamalai Ramanathan and Angelica Mak on SGI and SUN platforms. The fix in OODCE library fixed the problem of Request Manager hanging.

The problem was reported to SGI and they have accepted it as a possible problem in DCE and are looking into it.

ECSed16730 EcDbDesc Requires External Definition of SYBASE Variable 073198 Describe the Reason for closing this NCR?

NCR Board approved closure with LaRC concurrence:

>From the CCB meeting of September 3, 1998:

Concurrence is granted for the following NCRs -

13175	13165	13161	15327	16728	16729
16730	16737	16721	16719	16480	15301

Concurrence is NOT granted for the following NCRs -

13771 - (From Jim Gallasso) "The assumption made for the implementation of multi-granule ESDTs is incorrect. The assumption is that if a multi-granule ESDT is used over a time period that each granule would represent a subset of the total time period.

"MISR has implemented the multi-granule ESDTs not based on time, but based on camera. Each instance of the multi-granule ESDT contains data for the same time period, but for a different camera.

"The resolution and the verification statements in this NCR are incorrect and should be withdrawn as they are based solely on an assumption. The workaround mentioned is also based on the same assumption which is inaccurate, therefore the workaround will not work.

"Since another NCR is open on the multi-granule ESDT issue, I recommend to the NCR board to close as a duplicate of: NCR 16745. Thank you."

14463 - The resolution to this problem is not clear. "What did you do to resolve this?"

Brian K. Engle
Tracking Ticket Administrator

ECSed18230 4PX Install Initialized EcVcB0sot.cfg 100198 This TT is being written for promotion to an EC NCR "mode TS1, drop 4PX, l0ins02, RelB0_V0C, 2-emergency".

Following the 4PX staged installation of the V0 Client on host l0ins02, it was noted that the subsystem configuration file, EcVcB0sot.cfg, had been overwritten. This happened at install time; no mkcfg had been performed.

This does not appear to be consistent with the installation procedures for other ECS subsystems.

In addition, the configuration file name does not comply with the conventions used for other subsystems. It should be-

EcVcB0sot.CFG

As a workaround, the EcVc component was re-configured using the mkcfg function of EcCoAssist.

ECSed15231 EcDsSrRmesdt script does not delete the descriptor or DLL file 060198 IMPACT....

When the EcDsSrRmesdt script is run, the DLL and descriptor will not be deleted. The workaround is to delete them manually.

ECSed16331 DPREP ODL for AM1Eph needs to change. 072098 IMPACT....

The Am1 Ancillary DPREP will not run correctly without this fix.

No workaround is provided because this fix will be merged in before 4PLandsat is delivered.

-- M. Mauthe

ECSed17131 .extensions file is missing on the distributiou mcahine. 081898 The EcDsStDISTRVR.pkg needs to include the .extensions file to build the ARCHRESCONFIG and RESOURCE config files. In order to write to the TapeServers correctly these config files need to be there.

The EcDsStFSMSSRVR.pkg contains the .extensions for building the ARCHRESCONFIG, STAGINGMONTIORCONFIG, and RESOURCECONFIG files which are not needed.

Current workaround is to build the ARCHRES and RESOURCE config on the Archive based machine and move them over to the DIS machine.

Impact

It would be nice to have this before the official release of 4PL7 to the DAAC's to reduce the workarounds.

ECSed05132 CotS bug with OODCE 013197

Describe the Reason for closing this NCR?

The stale entry is the limitation of COTS and there is a workaround.

ECSed13932 Command Parameters being corrupted when software installs are done 040998 Please describe the problem you are experiencing below, including what you did, what you expected to happen, and what actually happened:

During Load Generation, received Hard constraints indicating that parameters contained within the commands did not match any of the subfields. upon examining the offending command, I discovered that parameters not associated with the command were being added to the command. David Hyde was notified and looked into the problem. he concluded that this problem was caused when the last patch was installed, and the command parameter ID factory table was not set correctly. 26 Activities were corrupted as a result. this problem needs to be corrected as soon as possible because the workaround is to manually correct the Activities one by one.

Ed Rodriguez

4/2/98

ECSed15232 Excessive Activities On Timeline Caused Display Error 060198 Please describe the problem you are experiencing below, including what you did, what you expected to happen, and what actually happened:

To resolve a previous NCR 2000 Activities were scheduled over a 5 day period. After numerous events had been scheduled the timeline seems to be refreshing but it remains blank. This anomaly has been seen several times in this release. The workaround for the problem is to manual "KILL" the timeline process and start again.

Jeanette Applewhite

6/1/99

ECSed17332 PullMon Misinterprets File Size Bytes to Blocks 082198 IMPACT.... Large files can't be ordered via FtpPull.

A workaround exists where we can open up the size of the Pull area using the stmg GUI, but this will only work if you really have size to play with, and don't mind opening it up for at least one mode.

ECSed17432 JobMgmt server: intermittent comms lockups with Listenthreads set to 1. 082698 IMPACT....

This can cause subscription manager to be unable to communicate with job manager, until the job management server is restarted. Likewise, deallocate jobs in autosys will fail due to queue blocking. Jobs can be restarted, and with the NCR that fixes subscription manager persistency on communication with job management, the workarounds are fairly straightforward, although restarting a server has to be done through HP Openview.

ECSed17632 LOCALDISK not cleaned up completely when ingesting converted data types 090398 IMPACT....

This is a minimal impact since a simple workaround exists.

WORKAROUND....

Simply delete these files manually after the data has been ingested and archived.

ECSed17832 SubMgr: Lost Notifications for data inserts 091598
IMPACT....

Subscription Manager will not know that data is available if the notification is not received. Jobs that could run will not. There is no operationally acceptable workaround to this problem.

ECSed11333 PRE does not properly delete jobs from Autosys 011398 After activating a job and letting it run in Autosys, the user cannot delete the job using the PRE. When the user deletes the job via PRE then the job fails and is not removed from Autosys. However, if the user deletes the job via PRE before the job goes into Autosys or before it starts running then the job is properly deleted. Also, if the user deletes the job after it has completely finished running then the job is removed from Autosys.

The workaround for this problem is to delete the job using the job definition box or to not delete the job via PRE when it is running.

ECSed12933 DPS: Processing does not use SSIT memory allocation 031098 PROBLEM
DESCRIPTION....

On the SSIT operational metadata update GUI, there is a field for memory allocation. Currently, this field is not being used by the processing subsystem. The processing subsystem is using the ramSize field in PIResourceRequirement, but the GUI value goes to the PIPgePerformance table.

Workaround: As long as DPS uses PIResourceRequirement table,
We can manually update the ramSize field in PIResourceRequirement.

Following added by Naga Hariharan

This workaround of updating the ramSize field in PIResourceRequirement table will enable processing to use a constant value for all executions of that pge. The statistical average, based on the actual run of the pge is stored in table PIPgePerformance will not be used. If the difference between the statistical average and the initial estimate is substantial, that could result in either under use/ over use of the computer.

there is a configurable parameter DpPrRmMemShareRatio in EcDpPrEM.CFG
This parameter allows us to fine tune the memory requirements. If the parameter takes a value 2.0, then processing will load the computer with jobs whose memory requirements sum up to two times the memory that computer has. Note that this ratio is not pge specific, and will apply to all pges. If the above mentioned difference is large, this ratio can be tuned to account for the difference.

Assuming the difference is not large, then the workaround of manually updating the database as suggested above is only required to be done once for each pge. Considering that the number of pges that the system will handle (in the initial stages) is not that many, and also the workaround is not too involved, I feel that the severity of this NCR should be lowered to three.

ECSed15633 Running out of swap space during testing in all modes. 061798 Please describe your Analysis:

In studying the issue, in Landover in the VATC, as well as this problem at EDC, Hardware Engineering interprets the problem as a need for virtual storage space, which can be accomplished with a combination of memory and swap space.

An analysis will be getting under way to study the "3 modes" in true operation in the VATC (across all primary servers) to understand the storage needs of the ECS code in operation. This data gathering will be coordinated to occur after the 3 modes have been started in the VATC, but before actual processing or testing begins. This will give "clean" snapshot of virtual storage needs on each subsystem. Then HWE will reevaluate all current memory allocations to see what is needed against what has already been delivered.

In the interim, a short term solution to the EDC problem would be to re-allocate the current swap file to a size of 2GB.

The memory requirements will be studied not just for EDC but across the board.

07/16/98

Ingest swap space problems have been identified as a combination of memory leaks and also partly due to the following:

The following problem was discovered in the Mini-DAAC and in the VATC "The likely reason for the memory problems on Huck Finn is that the number of threads associated with the Gran Server on that machine is 500 which means that there are 1500 listen threads. With this configuration, Gran Server requires over 700mb to initialize. This is the problem that we fixed and merged into 4plandsat by reducing the number of threads to 40. This fix was not apparently applied to 4p1. So anywhere Ingest is running 4p1 code there is likely to be a memory problem. Mike Molinet will generate an NCR."

The NCR is ECSed16186 (RelB0_INGST) "Granule Server as Memory Hog" (Sev. 2). The NCR which was fixed for 4PL is ECSed15620. Mike Molinet already applied the workaround to OPS, TS1, & TS2 ingest DBs. Kirk Miller may wish to do the same in the VATC, as those values are also set at 500."

By the same token though, Systems Engineering is pursuing the purchase of more RAM for the Ingest boxes at the DAAC's because we still believe there to be a need for more RAM than what was originally called for. Also, Systems Engineering will be processing a CCR soon to increase Swap Space to 2GB on the Ingest boxes as a norm.

ECSed16033 DAS Report-wrong instrument name in header record 070798 Please describe the problem you are experiencing below, including what you did, what you expected to happen, and what actually happened:

The "Instrument Name" field in the header record of the DAS report should be AST, according to the ASTER ICD header format specified in Table 5-1, page 5-2. Instead, ALL appears in the header for instrument name.

The workaround for this is to edit the DAS report and replace ALL with AST. Since this report is automatically transmitted, it may need to be retransmitted after editing, or taken off automatic transmission procedure until the correction is in place.

Per Change/Update from Dolores Parker, Submitter (6/26/98):

The submitter requested this DR be moved from a Severity 2 to a 1 because the workaround described is not feasible, since the DAS report is generated automatically. This report was generated correctly on May 21 and 22 during Day in the Life testing.

6/26/98

ECSed11034 Manual intervention needed to add DeskTop icons. 123097 During installation of the DeskTop the following icons are missing during startup: " Advertising Service and User Registration to Tool ". The icons were missing from the sample_ecs file and therefore the file had to be modified/updated using the "Touch" command. The following workaround were performed:

```
> touch "/usr/ecs/OPS/CUSTOM/data/CLS/sample_ecs/Advertising Service"  
> touch "/usr/ecs/OPS/CUSTOM/data/CLS/sample_ecs/User Registration to Tool"  
> chmod 755 /usr/ecs/OPS/CUSTOM/data/CLS/sample_ecs/Adv*  
> chmod 755 /usr/ecs/OPS/CUSTOM/data/CLS/sample_ecs/Us*
```

The following workaround should be automated, either by development or ECS Assist personnel.

--

This is a known limitation with ECS Assist. Two bug reports have been submitted to ECS Assist via its feedback mechanism. This NCR should be forwarded to SysBld.

Show Chen, CLS, 12/30/97

ECSed13634 The EDOS Polling Directory does not get cleaned up automatically 033098 Describe your Defer reason:

The X-DAAC acquire workaround allows multiple ingest polling to poll from multiple DAACs. To insure that the EDOS data is available, we will not automatically clean up the EDEOS directory until the workaround is no longer needed. This is direction we received fro AO (Richard Meyer).

ECSed02935 EC must automatically update its page list when new pages are created 081596 Please describe the problem you are experiencing below, including

what you did, what you expected to happen, and what actually happened:

Currently, a new page definition (created via the Display Builder) is not recognized by EC until the process is restarted.

A manual workaround using a script generates the new pageUser.dat file, but EC has no way of re-reading this file once it has been started.

ECSed14135 Table Load Builder tool displays partueal tables as full tables 041798 Please describe the problem you are experiencing below, including what you did, what you expected to happen, and what actually happened:

The Table Load Builder tool displays partial tables already generated as full tables. When viewing partial tables, the FOT needs to be able to distinguish the actual fields in the load from all the possible fields. A workaround is to use the report to determine which fields are contained in the uplink table.

Kevin Work
4/14/98

ECSed15935 allow R10k rev. 3.X CPU in IP25 systems 063098 The newest version 3.X CPU modules for the SGI challenge 10000 machines will not boot unless patch 2777 is installed. If a current CPU module fails and has to be replaced and the replacement part sent is REV 3.X, which they will be soon if not now, the machine will not boot.

NOTE I have looked over SGI's documentation on this patch. It is a rollup and includes 20 previous patches only one of which is in the ECS baseline. The subsystems affected by these patches do not seem to pose a problem with the possible exception of .eoe_hdr.lib. Refer to document SGI Irix 6.2 patch section 1.4 and INST SUBSYSTEM FILE LISTINGS.

A temporary workaround for this would be to run minus a processor if one failed rather than install the new revision chip.

ECSed16535 DDIST issues 073098 During the install procees we found these problems.

EcDsDdDbLogin -
has OPS mode hardcoded in this scripts
I just changed OPS - \$MODE and it worked.

EcDsDdDbBuild -
Running /usr/ecs/TS2/CUSTOM/dbms/DSS/DsDdProcNumObjects.sp
Msg 137, Level 15, State 1:
Server 'g0icg01_srvr', Procedure 'DsDdProcNumObjects', Line 76:
Must declare variable '@dscount'.

There is no GUI .CFG file created when Mkcfg is run.
Workaround is to copy the one from another mode and change the "evident", Is this a correct way to do this??

The Distribution Server is looking for

```
"1"
"1"Could not Read/Write/Find configuration file
: /usr/ecs/TS2/CUSTOM/cfg/EcDsDistributionServer.ACFG
"1"
```

```
"1"Error reading file/usr/ecs/TS2/CUSTOM/cfg/EcDsDistributionServer.ACFG
```

workaround is to mv EcDsDistributionServerApp.ACFG to
EcDsDistributionServer.ACFG

ECSed16535

DDIST issues 073098 Please describe your Analysis:

-Detailed responses to each issue are indicated by ">"
symbols.

During the install process we found these problems.

EcDsDdDbLogin -

has OPS mode hardcoded in this script

I just changed OPS - \$MODE and it worked.

```
>
> duplicates NCR 16638. merged to both 4PL branch (merge form
> M980804002) and 4X (merge form M980804003)
```

EcDsDdDbBuild -

Running /usr/ecs/TS2/CUSTOM/dbms/DSS/DsDdProcNumObjects.sp

Msg 137, Level 15, State 1:

Server 'g0icg01_svr', Procedure 'DsDdProcNumObjects', Line 76:

Must declare variable '@dscout'.

```
>
> fixed. merge form for 4PL: M980804002. for 4X: M980723007.
```

```
>
> There is no GUI .CFG file created when Mkcfg is run.
> Workaround is to copy the one from another mode and
> change the "evident", Is this a correct way to do this??
```

```
>
> Believe this is an operator error. if "mkconfig" is run from
> the "application" or "executable" column of the EcCoAssist, .CFG
> file will not be made. it will be made if the "mkconfig" button is
> selected from the "executable" column. (this is a recent change
> in EcCoAssist).
```

```
>
The Distribution Server is looking for
```

```
"1"
"1"Could not Read/Write/Find configuration file
: /usr/ecs/TS2/CUSTOM/cfg/EcDsDistributionServer.ACFG
"1"
```

```
"1"Error reading file/usr/ecs/TS2/CUSTOM/cfg/EcDsDistributionServer.ACFG
```

workaround is to mv EcDsDistributionServerApp.ACFG to
EcDsDistributionServer.ACFG

```
> fixed before 4PL and 4X branches diverged. merge form M090706004.
```

ECSed02436 FpTI TimeLine's plan pool doesn't get updated for a new plan 071096 Problem is recurring in latest I&T System testing. Upon initial analysis it appears that the timeline is not making a request for new plan interests from the resource model. The member function "FpTIAppI::registerForUpdates" is invoked however before the request interests call can be made, the variable "myCurPlan" is not set so the member function returns true. When a new plan is created by the Aster Filter Scheduler, the timeline doesn't get notification of this.

Recommend priority 3 because workaround is to bring down the timeline and then bring it up again and new plans that had been created will appear on open plan menu.

ECSed15036 Subagent boot scripts 052198 Please describe your verification: Iota Patch. Installed boot scripts in the boot sequence and rebooted t1msh01, t1icg03 and t1mss06. SubAgent, Peer and Deputy started up when machines were rebooted. NCR was verified after workaround was implemented. WorkAround: Edit EcMsAgentStart on line 57, change PS -ef to \$PS. Install procedure will be updated to reflect changes. Patch will be redelivered in 4PL and NCR will be verified again.

ECSed15636 Running out of swap space during testing in all modes. 061798 Please describe your Analysis:

In studying the issue, in Landover in the VATC, as well as this problem at EDC, Hardware Engineering interprets the problem as a need for virtual storage space, which can be accomplished with a combination of memory and swap space.

An analysis will be getting under way to study the "3 modes" in true operation in the VATC (across all primary servers) to understand the storage needs of the ECS code in operation. This data gathering will be coordinated to occur after the 3 modes have been started in the VATC, but before actual processing or testing begins. This will give "clean" snapshot of virtual storage needs on each subsystem. Then HWE will reevaluate all current memory allocations to see what is needed against what has already been delivered.

In the interim, a short term solution to the EDC problem would be to re-allocate the current swap file to a size of 2GB.

The memory requirements will be studied not just for EDC but across the board.

07/16/98

Ingest swap space problems have been identified as a combination of memory leaks and also partly due to the following:

The following problem was discovered in the Mini-DAAC and in the VATC "The likely reason for the memory problems on Huck Finn is that the number of threads associated with the Gran Server on that machine is 500 which means that there are 1500 listen threads. With this configuration, Gran Server requires over 700mb to initialize. This is the problem that we fixed and merged into 4plandsat by reducing the number of threads to 40. This fix was not apparently applied to 4p1. So anywhere Ingest is running

4p1 code there is likely to be a memory problem. Mike Molinet will generate an NCR."

The NCR is ECSed16186 (RelB0_INGST) "Granule Server as Memory Hog" (Sev. 2). The NCR which was fixed for 4PL is ECSed15620. Mike Molinet already applied the workaround to OPS, TS1, & TS2 ingest DBs. Kirk Miller may wish to do the same in the VATC, as those values are also set at 500."

By the same token though, Systems Engineering is pursuing the purchase of more RAM for the Ingest boxes at the DAAC's because we still believe there to be a need for more RAM than what was originally called for. Also, Systems Engineering will be processing a CCR soon to increase Swap Space to 2GB on the Ingest boxes as a norm.

ECSed15736 MISR SSI&T needs upgrade to Acroread 3.0 on ECS "l0ais01" 062398 MISR is delivering PDF files that cannot be read on ECS since it is still using Acroreader 2.1. A workaround is to ftp the files over to sorcerer "after ftping through mssl4hp" to read, edit, and print the documentation. The workaround is functional, but is time consuming.

Impact:

Loss of time and the possibility of not having this type of workaround as the system currently supporting the workaround may not be available.

ECSed15936 allow R10k rev. 3.X CPU in IP25 systems 063098 The newest version 3.X CPU modules for the SGI challenge 10000 machines will not boot unless patch 2777 is installed. If a current CPU module fails and has to be replaced and the replacement part sent is REV 3.X, which they will be soon if not now, the machine will not boot.

NOTE I have looked over SGI's documentation on this patch. It is a rollup and includes 20 previous patches only one of which is in the ECS baseline. The subsystems affected by these patches do not seem to pose a problem with the possible exception of .eoe_hdr.lib. Refer to document SGI Irix 6.2 patch section 1.4 and INST SUBSYSTEM FILE LISTINGS.

A temporary workaround for this would be to run minus a processor if one failed rather than install the new revision chip.

ECSed17236 db build process did not create log dump and log warning! 082098 During the Dry run Drop4PLandsat7 installation, db build process, two procedures were not created: Log Dump and Log Warning. Part of the db build should call for procedure 'EcCsSbDbThreshold' which in turn creates the above mentioned objects.

As a workaround Fredreccio is running this script manually for now. For Further info contact Fredreccio at 614-5480.

ECSed17736 Register PGE tool needs to return error message 091098 IMPACT....

When trying to register the PGE, the tool will just hang. It will not

return an error message. The workaround is to make sure you have the correct PDPS DB server in the config files. If the wrong server is in the file, you will have to check the .ALOG to find out.

ECSed19036 Queued Subset Reqs Don't Come Out of Wait 110698 PROBLEM DESCRIPTION...

While checking out the 4px.10 software in the TS2 mode in the vatc, we requested 4 subsetting acquires from the B0SOT. The first three requests promptly started processing, each grabbing an available Hdf Server. The fourth request sat in a wait state (we could track it because a staging disk was created for it, and the first file was placed in the staging disk, but no subsetting was performed on the file). It was expected that when a subsetting/reformatting request finished using its Hdf server, the queued request would grab that Hdf Server, and start its subsetting. This turned out not to be the case. That queued request, along with another one that had been sent in and queued up, just sat in a wait state, and never began subsetting, even after the three configured Hdf Servers were free. New subsetting requests that were sent in after at least one Hdf Server was free, was processed immediately.

After some investigation with the developers, it became apparent that the queued requests simply wait for one minute, and if an Hdf Server isn't available at that time, it errors out. And, of course, with no way to track these subsetting requests until order tracking is implemented, the only way the operator knows a request 'stopped' is by looking at the staging area and seeing at least one disk with one file to be subsetted in it. He can also weed through the log files, and should find messages there.

So, the queued subsetting requests need to begin processing when an Hdf Server becomes available, no matter how long it takes for one to become available, and the queued requests need to be released in the order in which they were started (assuming they all should have the same priority).

A possible workaround would be to open up the number of Hdf Servers running on the sdsrv host, however this causes other concerns, such as utilizing more CPU, memory, space than originally planned on the sdsrv host. And you can't guarantee that you'll have more Hdf Servers running than requests that are received for processing.

ECSed19036 Queued Subset Reqs Don't Come Out of Wait 110698 IMPACT.... This impacts the processing of requests requiring subsetting because if the number of simultaneous subsetting requests is more than the number of Hdf Servers available, the extra requests will most likely not be processed (they may be processed if an Hdf Server becomes available within the one minute wait period).

A possible workaround was stated in the Problem Statement, but it doesn't seem like a feasible workaround at this time.

During the upcoming End-To-End tests, we are planning on sending in at least 4 subsetting requests simultaneously, and since the system is delivered with and we're currently running with 3 Hdf Servers, at least one of these requests would not complete (or even start).

ECSed11037 ECS Assist does not clean up CDS entries when servers are brought down 123097 The ECS Assist tools does not clean "delete" CDS entries for the servers when the kill option is used to bring the servers down.

These entries need to be cleaned for the servers to work properly.

Experience has shown us that cleaning these entries from the CDS tables ensures that the servers run smoother when re-started.

We have scripts that we can use on each system as a workaround to this problem.

So far for Drop 3, we have had to do this manually through the CDSBROWSER tool.

ECSed11037 ECS Assist does not clean up CDS entries when servers are brought down 123097 NCR ID: ECSed11021 Status: CLOSED Submit Date: 971230 NCR Class: REL_B0_INFORMAL Project: RelB0_SysBld Enclosures: 5

NCR TITLE....

ECS Assist Must delete CDS entries

DETECTION INFORMATION....

Build Name[*]: Drop 3
Test Site[*]: VATC
Detection Method[*]: Engineering Test
Detected-In-Phase[*]: Installation
Build ID:
Test Case ID:
Platform ID: n/a
Severity (1=Showstopper)[*]: 2
Need fix by [*]: Critical
Mode [*]: OPS
Trouble Ticket:

REVIEW-ASSIGN INFORMATION....

Evaluate Engineer: michelle
Assigned To: danderso
Iteration [*]: Drop 3.5

SUBMITTER INFORMATION....

Submitter: jujhazy

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NCR ID: ECSed11021 Status: CLOSED
NCR Class: REL_B0_INFORMAL Project: RelB0_SysBld

TO BE FIXED INFORMATION....

Problem Type[*]: source code
Recommended Change[*]: source code
Est. Fix Time (Hrs): 4
Est. Compl. Date (yymmdd): 980116

VERIFICATION INFORMATION....

Test Status (Pass/Fail)?: P
Elapsed Test Time (Hrs): 1
Verification Site[*]: EDF
Verified Build ID: Drop 3.5

Related NCR ID: N/A

Verified Platform ID: n/a

CLOSING INFORMATION....

RESOLUTION INFORMATION.... Closing Reason[*]: Fixed
Resolution[*]: source code CCR#/NCR#: none
Resolved by: danderso Closing accepted by: sbarrier
Indicate_SLOC[*]: Added
Num_SLOC: 150
Fixing Time (hrs): 8
Documentation affected (Y/N)? N
Affect CSCI: ECS

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***** Problem *****

PROBLEM DESCRIPTION....ECS Assist must delete DCS entries before making new ones when a user executes the mkcdsentry option. If a CDS entry remains from a prior installation, the stale entry could (and has) result in a server being incorrectly registered in the CDS namespace.

The ECS Assist tools does not clean "delete" CDS entries for the servers when the kill option is used to bring the servers down.

These entries need to be cleaned for the servers to work properly.

Experience has shown us that cleaning these entries from the CDS tables ensures that the servers run smoother when re-started.

We have scripts that we can use on each system as a workaround to this problem.

So far for Drop 3, we have had to do this manually through the CDSBROWSER tool.

***** Analysis *****

Please describe your Analysis:

There are two aspects to this problem. One is ensuring that the CDS entries are removed before regenerating them using the MkCdsEntry option from the GUI. The other is removing the CDS objects whenever a server is started. That will involve changing the startup script template in the EcCoScriptlib and changing the EcCoDcecp code so that it can support a request of this kind.

In all, it is at least a day's (uninterrupted!) work.

Damian Anderson (01/14/1998)

***** Resolution *****

Please describe your resolution to this problem:

Change to /ecs/formal/COMMON/scripts/EcCoScriptlib:
#####

```
# 01/16/1998 Damian Anderson NCR ECSed11021: Rename del_cds_entry to      #  
#                               del_cds_object, and change EcCoDcecp code #  
#                               to make it delete a CDS server object.    #  
#                               Add del_cds_object call to start_server.   #
```

Added a function in the script library to call a new function in the EcCoDcecp code. The process is authenticated as cell_admin via the cell_admin keytab file by making the call:

```
EcCoCdsMgr delete ${MODE} ${PRINCIPAL} ${HOSTNAME}
```

EcCoCdsMgr is a wrapper which authenticates a limited set of DCECP calls in our EcCoDcecp TCL script library.

(See /ecs/formal/COMMON/MiscUtils/EcCoCdsMgr/EcCoCdsMgr.c)

Added a call to del_cds_object in the function start_server so that whenever a server is started, the library call will delete the remaining CDS server objects before attempting to start the server. Since this is done in the script library, it should be unnecessary to replicate the change in every startup script. Server startup scripts which do not use the call:

```
EcCoScriptlib start_server
```

will find that they need to make the call:

```
EcCoScriptlib del_cds_object ${MODE} ${EXECUTABLE}
```

to delete the CDS server objects. It has been reported to me that the DCECP "object delete" calls do not always work on SGI, so this needs to be tested adequately.

Change to /ecs/formal/COMMON/MiscUtils/EcCoDcecp/EcCoDcecp
#####

```
# 01/16/1998 Damian Anderson NCR ECSed11021: Implement EcCoDeleteServerObj #  
#                               to delete server objects before startup.  #
```

Implemented a new function in DCECP which deletes the CDS server

objects for a server. Because some subsystems do not follow the CDS naming standard in SD-1-015, attempted to delete the following entries, we need to delete objects with "Obj" in the name.

OPS MODE:

```
${SERVERS_DIR}/${host}/${principal}/${principal}
${SERVERS_DIR}/${host}/${principal}/EcAgManager
${SERVERS_DIR}/${host}/${principal}/${principal}Obj
${SERVERS_DIR}/${host}/${principal}/EcAgManagerObj
```

other modes:

```
${SERVERS_DIR}/${host}/${principal}/${principal}_${mode}
${SERVERS_DIR}/${host}/${principal}/EcAgManager_${mode}
${SERVERS_DIR}/${host}/${principal}/${principal}Obj_${mode}
${SERVERS_DIR}/${host}/${principal}/EcAgManagerObj_${mode}
```

where

```
SERVERS_DIR = ../ecs/subsys/servers
host      = the host running the process
principal = server principal
mode      = usual meaning.
```

The "Obj" is not supposed to be in the name according to the naming standard, but since it is so common, I attempt to delete objects with "Obj" in the name too. It would help if we all agreed on what the CDS object naming standard is and then keep to it.

Also, why do we have different names for OPS mode and other modes? It would make sense to have all modes follow the same convention.

Damian Anderson (01/16/1998)

***** Verification *****

Please describe your verification:

The NCR Scrub on 7/1/98 determined that this NCR could be closed due to previous installation problems that have since been overcome.

Sheila Barriere
7/10/98

***** Closure *****

Describe the Reason for closing this NCR?

see verification

***** History *****

xdds 971230 085221 Submitted to RelB0_SysBld by jujhazy
xdds 971230 085512 Enclosure "Problem" added by jujhazy
xdds 980105 141852 enclosure "Problem" edited by michelle
xdds 980105 142003 enclosure "Problem" edited by michelle
xdds 980106 111521 N -> A (Assigned-to rmagill) by michelle
xdds 980113 190907 Fields modified by rmagill
xdds 980114 114611 Enclosure "Analysis" added by michelle
xdds 980114 114611 A -> R (Recommend-change = source code) by michelle
xdds 980114 114749 enclosure "Analysis" edited by danderso
xdds 980114 124006 Fields modified by spetrone
xdds 980116 202706 Enclosure Resolution added by danderso
xdds 980116 202706 R -> T by danderso
xdds 980721 120048 Enclosure "Verification" added by sbarrier
xdds 980721 120049 T -> V by sbarrier
xdds 980721 120100 Enclosure "Closure" added by sbarrier
xdds 980721 120100 V -> C by sbarrier

ECSed10337 SSIT Tools Install problems: Security file name change 120597
Workaround is to copy the file over:

```
calahans:/usr/ecs/TS1/CUSTOM/security>cp EcCoRandomDataFile randdatafile
```

Note that this problem may occur on
other machines (taltos, illiad, ...) also.

Tom 12/5/97

ECSed11537 EcPIRm.CFG not being created. 012398
EcPIRm.CFG not being created by EcsAssist during the mkcfg process.

The manual workaround for this is to copy the EcPIWb.CFG to
EcPIRm.CFG then manually change the Program ID and server related
names the new values.

ECSed11937 STAGINGDATALIST Not Updating 020398 PROBLEM
DESCRIPTION.... It was noticed in drop 3.02 (and 3.01) that the
STAGINGDATALIST file is not updating when it should. Apparently, it should
be written to when the user1 directory is written to, and it is not. It
remains empty. A related symptom, is we occasionally get an error when
attempting to acquire data that has been acquired before. When we look at the
staging area, the DiskIndexFile.str and the STAGINGDATALIST files do not have
the correct permissions. If we change the permissions on these two files, and
attempt the same acquire it works.

We talked with development about these two problems, and they believe they
are related. Also, they had us terminate the StagingMonitor server with a
kill -9 and verify that the STAGINGDATALIST file still remains 0. It does.

See the attached script file for info.

IMPACT: Acquires will intermittently fail until this problem is fixed!!

***** Update 2/12/98 JER *****

This NCR is becoming a bigger problem!!! The acquire failures on files that have already been acquired are much more prevalent. In fact, they happen just about every time a subsequent acquire request is made. It is also impacting testing in the VATC, since the workaround includes either changing the permissions on the files in the user1 directory (and since this is the read-only cache, this is not a good idea), or clean out the staging area (which if we're performing PDPS tests which require several PGEs, we'd have to clear out and restart staging while the PGEs are running - which is a hit-or-miss situation).

Script started on Tue Feb 3 13:08:26 1998

t1drg01{opscm}1: cd /usr/ecs/OPS?C /CUSTOM/drp/t1drg01/data/staging

/usr/ecs/OPS/CUSTOM/drp/t1drg01/data/staging

t1drg01{opscm}2: ls 1

total 512

drwxrwxrwx 21 opscm users 65536 Feb 1 12:30 .

drwxrwxr-x 6 root users 74 Feb 3 09:03 ..

-rwxrwxrwx 1 opscm users 314 Feb 1 12:30 DiskIndexFile.str

-rwxrwxrwx 1 opscm users 0 Jan 31 16:35 STAGINGDATALIST

drwxrwxrwx 2 opscm users 65536 Feb 1 12:30 user1

drwxrwxrwx 2 opscm users 36 Feb 1 11:47 user10

drwxrwxrwx 2 opscm users 36 Feb 1 11:48 user11

drwxrwxrwx 2 opscm users 35 Feb 1 11:48 user12

drwxrwxrwx 2 opscm users 34 Feb 1 12:20 user13

drwxrwxrwx 2 opscm users 36 Feb 1 12:21 user14

drwxrwxrwx 2 opscm users 36 Feb 1 12:21 user15

drwxrwxrwx 2 opscm users 35 Feb 1 12:21 user16

drwxrwxrwx 2 opscm users 34 Feb 1 12:25 user17

drwxrwxrwx 2 opscm users 34 Feb 1 12:30 user18

drwxrwxrwx 2 opscm users 65536 Feb 1 12:30 user19

drwxrwxrwx 2 opscm users 36 Jan 31 16:35 user2

drwxrwxrwx 2 opscm users 33 Jan 31 16:54 user3

drwxrwxrwx 2 opscm users 34 Jan 31 18:31 user4

drwxrwxrwx 2 opscm users 36 Jan 31 18:31 user5

drwxrwxrwx 2 opscm users 36 Jan 31 18:32 user6

drwxrwxrwx 2 opscm users 35 Jan 31 18:33 user7

drwxrwxrwx 2 opscm users 34 Jan 31 18:39 user8

drwxrwxrwx 2 opscm users 34 Feb 1 11:47 user9

t1drg01{opscm}3: more STAGINGDATALIST

t1drg01{opscm}4: ll user1

total 174464

drwxrwxrwx 2 opscm users 65536 Feb 1 12:30 .

drwxrwxrwx 21 opscm users 65536 Feb 1 12:30 ..

-r--r--r-- 1 opscm users 1392640 Jan 31 18:31 :LM:PGEEXE:1685:1.RAW

-r--r--r-- 1 opscm users 1392640 Jan 31 18:39 :LM:PGEEXE:1686:1.RAW

-r--r--r-- 1 opscm users 1392640 Feb 1 11:47 :LM:PGEEXE:1698:1.RAW

-r--r--r-- 1 opscm users 1392640 Feb 1 12:25 :LM:PGEEXE:1699:1.RAW

-r--r--r-- 1 opscm users 40355 Feb 1 12:30 :SC:AST_08:1703:1.EOSHDF

```

-r--r--r-- 1 opscm users 40367 Jan 31 18:33 :SC:AST_ANC:1683:1.BINARY
-r--r--r-- 1 opscm users 40367 Feb 1 11:48 :SC:AST_ANC:1696:1.BINARY
-r--r--r-- 1 opscm users 5410105 Jan 31 18:32 :SC:AST_L1BT:1624:1.EOSHDF
-r--r--r-- 1 opscm users 6376159 Jan 31 16:35 :SC:AST_L1BT:1658:1.EOSHDF
-r--r--r-- 1 opscm users 35535282 Jan 31 18:32 :SC:GDAS_0ZF:1684:1.HDF-EOS
-r--r--r-- 1 opscm users 35535282 Feb 1 11:48 :SC:GDAS_0ZF:1697:1.HDF-EOS
-r--r--r-- 1 opscm users 154590 Jan 31 16:54 :SC:L7CPF:1682:1.ASCII
t1drg01{opscm}5: ps -ef | grep DsSt | grep OPS
  opscm 3110 3104 0 13:07:21 pts/1 0:00 /bin/tail -f
/usr/ecs/OPS/CUSTOM/logs/EcDsStStagingDiskServer.ALOG
  opscm 3121 3116 0 13:07:23 pts/1 0:00 /bin/tail -f
/usr/ecs/OPS/CUSTOM/logs/EcDsStStagingMonitorServer.ALOG
  opscm 11821 11745 12 08:13:34 pts/1 4:21 /tools/bin/wish /tools/common/ea/EcCoMonitorGui OPS
DSS EcDsSt
  opscm 3122 3115 0 13:07:23 pts/1 0:00 /bin/tail -f
/usr/ecs/OPS/CUSTOM/logs/EcDsStStagingMonitorServerDebug.log
  opscm 3108 3103 0 13:07:21 pts/1 0:00 /bin/tail -f
/usr/ecs/OPS/CUSTOM/logs/EcDsStStagingDiskServerDebug.log
  opscm 3052 3041 0 13:07:15 pts/1 0:00 /bin/tail -f
/usr/ecs/OPS/CUSTOM/logs/EcDsStArchiveServerDebug.log
  opscm 9594 1 0 10:29:16 pts/1 1:15
/usr/ecs/OPS/CUSTOM/bin/DSS/EcDsStStagingMonitorServer ConfigFile /usr/ecs/OPS/
  opscm 3053 3043 0 13:07:15 pts/1 0:00 /bin/tail -f
/usr/ecs/OPS/CUSTOM/logs/EcDsStArchiveServer.ALOG
  opscm 9596 1 0 10:29:16 pts/1 1:15 /usr/ecs/OPS/CUSTOM/bin/DSS/EcDsStFtpPullServer
ConfigFile /usr/ecs/OPS/CUSTOM/
  opscm 9597 1 1 10:29:16 pts/1 1:14 /usr/ecs/OPS/CUSTOM/bin/DSS/EcDsStStagingDiskServer
ConfigFile /usr/ecs/OPS/CUS
  opscm 9595 1 2 10:29:16 pts/1 1:16 /usr/ecs/OPS/CUSTOM/bin/DSS/EcDsStArchiveServer
ConfigFile /usr/ecs/OPS/CUSTOM/
t1drg01{opscm}6: kill -9 9594
t1drg01{opscm}7: pwd
/data3/OPS/drp/staging
t1drg01{opscm}8: ll
total 512
drwxrwxrwx 21 opscm users 65536 Feb 1 12:30 .
drwxrwxr-x 6 root users 74 Feb 3 09:03 ..
-rwxrwxrwx 1 opscm users 314 Feb 1 12:30 DiskIndexFile.str
-rwxrwxrwx 1 opscm users 0 Jan 31 16:35 STAGINGDATALIST
drwxrwxrwx 2 opscm users 65536 Feb 1 12:30 user1
drwxrwxrwx 2 opscm users 36 Feb 1 11:47 user10
drwxrwxrwx 2 opscm users 36 Feb 1 11:48 user11
drwxrwxrwx 2 opscm users 35 Feb 1 11:48 user12
drwxrwxrwx 2 opscm users 34 Feb 1 12:20 user13
drwxrwxrwx 2 opscm users 36 Feb 1 12:21 user14
drwxrwxrwx 2 opscm users 36 Feb 1 12:21 user15
drwxrwxrwx 2 opscm users 35 Feb 1 12:21 user16
drwxrwxrwx 2 opscm users 34 Feb 1 12:25 user17
drwxrwxrwx 2 opscm users 34 Feb 1 12:30 user18
drwxrwxrwx 2 opscm users 65536 Feb 1 12:30 user19
drwxrwxrwx 2 opscm users 36 Jan 31 16:35 user2
drwxrwxrwx 2 opscm users 33 Jan 31 16:54 user3
drwxrwxrwx 2 opscm users 34 Jan 31 18:31 user4
drwxrwxrwx 2 opscm users 36 Jan 31 18:31 user5

```

```

drwxrwxrwx 2 opscm users 36 Jan 31 18:32 user6
drwxrwxrwx 2 opscm users 35 Jan 31 18:33 user7
drwxrwxrwx 2 opscm users 34 Jan 31 18:39 user8
drwxrwxrwx 2 opscm users 34 Feb 1 11:47 user9
t1drg01{opscm}9: more STAGINGDATALIST
t1drg01{opscm}10: !ps
ps -ef | grep DsSt | grep OPS
  opscm 3110 3104 0 13:07:21 pts/1 0:00 /bin/tail -f
/usr/ecs/OPS/CUSTOM/logs/EcDsStStagingDiskServer.ALOG
  opscm 3121 3116 0 13:07:23 pts/1 0:00 /bin/tail -f
/usr/ecs/OPS/CUSTOM/logs/EcDsStStagingMonitorServer.ALOG
  opscm 11821 11745 14 08:13:34 pts/1 4:24 /tools/bin/wish /tools/common/ea/EcCoMonitorGui OPS
DSS EcDsSt
  opscm 3122 3115 0 13:07:23 pts/1 0:00 /bin/tail -f
/usr/ecs/OPS/CUSTOM/logs/EcDsStStagingMonitorServerDebug.log
  opscm 3108 3103 0 13:07:21 pts/1 0:00 /bin/tail -f
/usr/ecs/OPS/CUSTOM/logs/EcDsStStagingDiskServerDebug.log
  opscm 3052 3041 0 13:07:15 pts/1 0:00 /bin/tail -f
/usr/ecs/OPS/CUSTOM/logs/EcDsStArchiveServerDebug.log
  opscm 3053 3043 0 13:07:15 pts/1 0:00 /bin/tail -f
/usr/ecs/OPS/CUSTOM/logs/EcDsStArchiveServer.ALOG
  opscm 9596 1 0 10:29:16 pts/1 1:16 /usr/ecs/OPS/CUSTOM/bin/DSS/EcDsStFtpPullServer
ConfigFile /usr/ecs/OPS/CUSTOM/
  opscm 9597 1 0 10:29:16 pts/1 1:16 /usr/ecs/OPS/CUSTOM/bin/DSS/EcDsStStagingDiskServer
ConfigFile /usr/ecs/OPS/CUS
  opscm 9595 1 0 10:29:16 pts/1 1:17 /usr/ecs/OPS/CUSTOM/bin/DSS/EcDsStArchiveServer
ConfigFile /usr/ecs/OPS/CUSTOM/
t1drg01{opscm}11: ^D
script done on Tue Feb 3 13:12:59 1998

```

ECSed14537 Can't use mkcfg to create cfg files for Ingest 050598 PROBLEM DESCRIPTION...

K. Cockerill, 5/5/98:

The Ingest subsystem needs to add the instructions to copy the .cfgInPollwp and .cfgInPollwp files to the .installed directory in the file .EcInCommon.iu. Otherwise the "configurable parameters for the polling interface" window will not come up in EcsAssist after select the "mkcfg" button. This was tested in TS3 mode on incagold in the mini-daac.

The workaround was to make the change in our staging area on fallen. We changed file ".EcInCommon.iu" in /net/fallen/data1/Drop4P_Test/drop4P_sun/CUSTOM/.installed/INS directory. This will only be good until we get a new staged version then we need to make the change again until this is fixed. T. Scurry is aware of this problem.

ECSed14537 Can't use mkcfg to create cfg files for Ingest 050598 IMPACT....

Noted in problem description (i.e. we'll need to keep making the workaround fix each time we get a newly staged version of the system.)

ECSed16437 Inconsistent naming convention of Binary load files 072498 Please describe the problem you are experiencing below, including what you did, what you expected to happen, and what actually happened:

The naming convention for the binary files
(EX: AM1_MPR_MODIS_OFFSET_PFM_070209.BIN failed ingest with a "User not authorized to generate this load" message. When the file was renamed to "AM1_MPR_MOD_OFFSET_PFM_0702098.BIN", the load was ingested successfully.

This same problem happened during the previous weeks' test. The file that determines the correctness of the load names (FuBbLoadInit.cnfg?) contains "MODIS" and "MOD" throughout the file. This naming convention should be consistent throughout this file and any others. In addition, this may be applicable to each instrument.

NOTE: To workaround this problem, the MODIS personnel running the test renamed the files to ensure successful ingest.

ECSed16737 EcDbDesc Requires Write Permission In Current Directory 073198 Describe the Reason for closing this NCR?

NCR Board approved closure with LaRC concurrence:

Shelia,

>From the CCB meeting of September 3, 1998:

Concurrence is granted for the following NCRs -

13175	13165	13161	15327	16728	16729
16730	16737	16721	16719	16480	15301

Concurrence is NOT granted for the following NCRs -

13771 - (From Jim Gallasso) "The assumption made for the implementation of multi-granule ESDTs is incorrect. The assumption is that if a multi-granule ESDT is used over a time period that each granule would represent a subset of the total time period.

"MISR has implemented the multi-granule ESDTs not based on time, but based on camera. Each instance of the multi-granule ESDT contains data for the same time period, but for a different camera.

"The resolution and the verification statements in this NCR are incorrect and should be withdrawn as they are based solely on an assumption. The

workaround mentioned is also based on the same assumption which is inaccurate, therefore the workaround will not work.

"Since another NCR is open on the multi-granule ESDT issue, I recommend to the NCR board to close as a duplicate of: NCR 16745. Thank you."

14463 - The resolution to this problem is not clear. "What did you do to resolve this?"

Brian K. Engle
Tracking Ticket Administrator

ECSed17437 No Failure Status on DDIST E-Mail 082698
There is no workaround for this NCR. If an order fails, the user's e-mail does not specify so.

ECSed17737 CLS EcCIINTFCSVR_EDC.pkg is missing some iu's 091098 The delivered .EcCIINTFCSVR_EDC.pkg called for by the .sitemap file did not have %include entries for the .EcCIDtDesktopSciUser.iu, .EcCIDtUserProfileGateway.iu, .EcCIWbUr.iu and .EOSView.iu. As a workaround, I added these entries to the file.

-Jim VerMeer

ECSed18437 EcCoEnvCsh file missing from drop 101498 Please describe your resolution to this problem:

As a workaround, an old copy of EcCoEnvCsh was installed.

Per ECSed17811 this file should not be needed to set up the user's environment. The actual problem is in the test documentation which tells the user to source this file. The test documentation should be updated to not rely on this file.

ECSed18437 EcCoEnvCsh file missing from drop 101498 Describe the Reason for closing this NCR?

This problem has been fixed with a workaround (see Resolution) BUT a trouble ticket should be written against the test documentation that refers to this file, because it is no longer delivered.

ECSed11038 ECS Assist does not clean up CDS entries when servers are brought down 123097 The ECS Assist tools does not clean "delete" CDS entries for the servers when the kill option is used to bring the servers down.

These entries need to be cleaned for the servers to work properly.

Experience has shown us that cleaning these entries from the CDS tables ensures that the servers run smoother when re-started.

We have scripts that we can use on each system as a workaround

So far for Drop 3, we have had to do this manually through the
CDSBROWSER tool.
to this problem.

ECSed11038 ECS Assist does not clean up CDS entries when servers are brought down 123097 NCR
ID: ECSed11021 Status: CLOSED Submit Date: 971230
NCR Class: REL_B0_INFORMAL Project: RelB0_SysBld Enclosures: 5

NCR TITLE....

ECS Assist Must delete CDS entries

DETECTION INFORMATION....

Build Name[*]: Drop 3
Test Site[*]: VATC
Detection Method[*]: Engineering Test
Detected-In-Phase[*]: Installation
Build ID:
Test Case ID:
Platform ID: n/a
Severity (1=Showstopper)[*]: 2
Need fix by [*]: Critical
Mode [*]: OPS
Trouble Ticket:

REVIEW-ASSIGN INFORMATION....

Evaluate Engineer: michelle
Assigned To: danderso
Iteration [*]: Drop 3.5

SUBMITTER INFORMATION....

Submitter: jujhazy

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NCR ID: ECSed11021 Status: CLOSED
NCR Class: REL_B0_INFORMAL Project: RelB0_SysBld

TO BE FIXED INFORMATION....

Problem Type[*]: source code
Recommended Change[*]: source code
Est. Fix Time (Hrs): 4
Est. Compl. Date (yymmdd): 980116
Related NCR ID: N/A

VERIFICATION INFORMATION....

Test Status (Pass/Fail)? : P
Elapsed Test Time (Hrs): 1
Verification Site[*]: EDF
Verified Build ID: Drop 3.5
Verified Platform ID: n/a

CLOSING INFORMATION....

RESOLUTION INFORMATION....

Resolution[*]: source code
Resolved by: danderso
Indicate_SLOC[*]: Added
Num_SLOC: 150
Fixing Time (hrs): 8
Documentation affected (Y/N)? N
Affect CSCI: ECS

Closing Reason[*]: Fixed

CCR#/NCR#: none
Closing accepted by: sbarrier

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***** Problem *****

PROBLEM DESCRIPTION....ECS Assist must delete DCS entries before making new

ones when a user executes the mkcdsentry option. If a CDS entry remains from a prior installation, the stale entry could (and has) result in a server being incorrectly registered in the CDS namespace.

The ECS Assist tools does not clean "delete" CDS entries for the servers when the kill option is used to bring the servers down.

These entries need to be cleaned for the servers to work properly.

Experience has shown us that cleaning these entries from the CDS tables ensures that the servers run smoother when re-started.

We have scripts that we can use on each system as a workaround to this problem.

So far for Drop 3, we have had to do this manually through the CDSBROWSER tool.

***** Analysis *****

Please describe your Analysis:

There are two aspects to this problem. One is ensuring that the CDS entries are removed before regenerating them using the MkCdsEntry option from the GUI. The other is removing the CDS objects whenever a server is started. That will involve changing the startup script template in the EcCoScriptlib and changing the EcCoDcecp code so that it can support a request of this kind.

In all, it is at least a day's (uninterrupted!) work.

Damian Anderson (01/14/1998)

***** Resolution *****

Please describe your resolution to this problem:

```
#####  
Change to /ecs/formal/COMMON/scripts/EcCoScriptlib:  
#####
```

```
# 01/16/1998 Damian Anderson NCR ECSed11021: Rename del_cds_entry to #  
# del_cds_object, and change EcCoDcecp code #  
# to make it delete a CDS server object. #
```

Add del_cds_object call to start_server.

Added a function in the script library to call a new function in the EcCoDcecp code. The process is authenticated as cell_admin via the cell_admin keytab file by making the call:

```
EcCoCdsMgr delete ${MODE} ${PRINCIPAL} ${HOSTNAME}
```

EcCoCdsMgr is a wrapper which authenticates a limited set of DCECP calls in our EcCoDcecp TCL script library.

(See /ecs/formal/COMMON/MiscUtils/EcCoCdsMgr/EcCoCdsMgr.c)

Added a call to del_cds_object in the function start_server so that whenever a server is started, the library call will delete the remaining CDS server objects before attempting to start the server. Since this is done in the script library, it should be unnecessary to replicate the change in every startup script. Server startup scripts which do not use the call:

```
EcCoScriptlib start_server
```

will find that they need to make the call:

```
EcCoScriptlib del_cds_object ${MODE} ${EXECUTABLE}
```

to delete the CDS server objects. It has been reported to me that the DCECP "object delete" calls do not always work on SGI, so this needs to be tested adequately.

```
#####  
Change to /ecs/formal/COMMON/MiscUtils/EcCoDcecp/EcCoDcecp  
#####
```

```
# 01/16/1998 Damian Anderson NCR ECSed11021: Implement EcCoDeleteServerObj #  
# to delete server objects before startup. #
```

Implemented a new function in DCECP which deletes the CDS server objects for a server. Because some subsystems do not follow the CDS naming standard in SD-1-015, attempted to delete the following entries, we need to delete objects with "Obj" in the name.

OPS MODE:

```
${SERVERS_DIR}/${host}/${principal}/${principal}  
${SERVERS_DIR}/${host}/${principal}/EcAgManager  
${SERVERS_DIR}/${host}/${principal}/${principal}Obj  
${SERVERS_DIR}/${host}/${principal}/EcAgManagerObj
```

other modes:

```
${SERVERS_DIR}/${host}/${principal}/${principal}_${mode}  
${SERVERS_DIR}/${host}/${principal}/EcAgManager_${mode}  
${SERVERS_DIR}/${host}/${principal}/${principal}Obj_${mode}
```

`${SERVERS_DIR}/${host}/${principal}/EcAgManagerObj_${mode}`

where

`SERVERS_DIR = ./ecs/subsys/servers`
host = the host running the process
principal = server principal
mode = usual meaning.

The "Obj" is not supposed to be in the name according to the naming standard, but since it is so common, I attempt to delete objects with "Obj" in the name too. It would help if we all agreed on what the CDS object naming standard is and then keep to it.

Also, why do we have different names for OPS mode and other modes? It would make sense to have all modes follow the same convention.

Damian Anderson (01/16/1998)

***** Verification *****

Please describe your verification:

The NCR Scrub on 7/1/98 determined that this NCR could be closed due to previous installation problems that have since been overcome.

Sheila Barriere
7/10/98

***** Closure *****

Describe the Reason for closing this NCR?

see verification

***** History *****

xddts 971230 085221 Submitted to RelB0_SysBld by jujhazy
xddts 971230 085512 Enclosure "Problem" added by jujhazy
xddts 980105 141852 enclosure "Problem" edited by michelle
xddts 980105 142003 enclosure "Problem" edited by michelle
xddts 980106 111521 N -> A (Assigned-to rmagill) by michelle
xddts 980113 190907 Fields modified by rmagill
xddts 980114 114611 Enclosure "Analysis" added by michelle
xddts 980114 114611 A -> R (Recommend-change = source code) by michelle
xddts 980114 114749 enclosure "Analysis" edited by danderso

xddts 980114 124006 Fields modified by spetrone
xddts 980116 202706 Enclosure Resolution added by danderso
xddts 980116 202706 R -> T by danderso
xddts 980721 120048 Enclosure "Verification" added by sbarrier
xddts 980721 120049 T -> V by sbarrier
xddts 980721 120100 Enclosure "Closure" added by sbarrier
xddts 980721 120100 V -> C by sbarrier

ECSed11338 IOS database rejects same sensor name for CERES FM1 & FM2 011398
Workaround is to modify CERES descriptors to make the SensorShortNames
different for different instruments.

Tom 13-Jan-98

ECSed10338 SSIT install problem #2: PGSHOME/MSG wrong in CFG files 120597 Edit the CFG file
for the program yo
wish to run. Change the PGS
env vars to point to where the Toolkit
really resides on calahans, e.g.

```
PGSHOME = /usr/ecs//TS1/CUSTOM/daac_toolkit_f77/TOOLKIT  
PGSMMSG = /usr/ecs//TS1/CUSTOM/daac_toolkit_f77/TOOLKIT/message
```

Tom 12/5/97

ECSed12138 URT: NES Instance Name is Hardcoded in the obj.conf 021098 PROBLEM
DESCRIPTION....

--

An error occurs while starting up an NES instance such as
https-bajoran_cls_drop40:

```
[https-bajoran_cls_drop40]: conf_init: line 17: can't open logfile  
/data1/ns-home/https-protege_cls_rcclab2dev/logs/access (libsec code -8187).
```

This is caused by the hard coded directory path (/data1) and NES instance name
(https-protege_cls_rcclab2dev) in the delivered obj.conf.

The workaround is to edit the path and instance name to reflect the local
installation.

ECSed14338 e0ais03 and e0pls02 hang 042798 This problem has been observed at
Landover on occasion also. The problem is
an incompatibility between the SGI and Sun NFS implementations. The specific
configuration that has the trouble is an SGI server being mounted by Sun
clients. The workaround is to specify nfs v2 in the /etc/vfstab file. For
example:

```
t1spg01:/usr/ecs/OPS/CUSTOM/ssit/t1spg01/data - /usr/ecs/OPS/CUSTOM/ssit/t1spg01  
/data nfs - yes rw,vers=2,bg
```

is the analogous mount in the vatc.

ECSed17157 Config file for Science Data server calls for _OPS 081898 When you try to start the ScienceDataServer from ECSAssist in OPS mode, the server will not stay up. Checking the log files, it shows that the Uuid for EcAgManager is 0, please restart server with correct Uuid. I checked the ScienceDataServer.CFG file and EcAgManager was listed as EcAgManager_OPS. The EcDsScienceDataServerMkcfg calls for oid_EcAgManager_\${MODE}. I changed the .CFG file taking away the _OPS and the server works fine. This works fine as a workaround but needs to be corrected.

ECSed15538 Current schedule not checked against newly defined hard constraints 061298 Please describe the problem you are experiencing below, including what you did, what you expected to happen, and what actually happened:

Damage to the spacecraft may occur due to the failure of the software to constraint check currently scheduled activities (could be seven-weeks!) against newly defined hard (or soft) constraints.

Ops Scenario:

The timeline has been populated with constraint-free activities for the seven-week schedule. A spacecraft or ground system anomaly (e.g., need to check for amount of quicklook processing) may require a new constraint definition. The current schedule cannot be checked for this new constraint. Only newly scheduled activities will be checked. The only known operational workaround is to manually reschedule all activities which are scheduled (could be thousands).

Mike Andrews
6/5/98

ECSed17738 CSS EcCsINTFCSVR_EDC.pkg is missing some iu's 091098
The delivered .EcCsINTFCSVR_EDC.pkg called for by the .sitemap file did not have %include entries for the .EcCsEmailParser.iu and .EcCsSubServer.iu. As a workaround, I added these entries to the file.

-Jim VerMeer

ECSed18138 MISR 2.0, n-32 bit IMSL still does not work 092898 Per 10/05 status update from Byron:

1. 10/02 Byron spoke to Jim Galasco. He wants the patch to properly configure the scripts. Agreed that this is not a Sev 1 because they have a workaround and are able to continue.
2. Byron to provide official scripts by 10/9 PSR.
3. Larry Klein in process of evaluating most recent version 3.0.1 to determine if and/or when an upgrade is feasible.

C.Whitaker 10/05/98

ECSed18238 Ftp Pull password incorrect 100198
FRUSTRATION.....from drop-to-drop.

Known workaround at Landover but somehow did not make it into the Install documentation. ???

ECSed11039 ECS Assist does not clean up CDS entries when servers are brought down 123097 The ECS Assist tools does not clean "delete" CDS entries for the

servers when the kill option is used to bring the servers down.

These entries need to be cleaned for the servers to work properly.

Experience has shown us that cleaning these entries from the CDS tables ensures that the servers run smoother when re-started.

We have scripts that we can use on each system as a workaround to this problem.

So far for Drop 3, we have had to do this manually through the CDSBROWSER tool.

ECSed11039 ECS Assist does not clean up CDS entries when servers are brought down 123097 NCR
ID: ECSed11021 Status: CLOSED Submit Date: 971230
NCR Class: REL_B0_INFORMAL Project: RelB0_SysBld Enclosures: 5

NCR TITLE....

ECS Assist Must delete CDS entries

DETECTION INFORMATION....

REVIEW-ASSIGN INFORMATION....

Build Name[*]: Drop 3 Evaluate Engineer: michelle
Test Site[*]: VATC Assigned To: danderso
Detection Method[*]: Engineering Test Iteration [*]: Drop 3.5
Detected-In-Phase[*]: Installation
Build ID:
Test Case ID:
Platform ID: n/a
Severity (1=Showstopper)[*]: 2
Need fix by [*]: Critical
Mode [*]: OPS
Trouble Ticket:

SUBMITTER INFORMATION....

Submitter: jujhazy

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NCR ID: ECSed11021 Status: CLOSED
NCR Class: REL_B0_INFORMAL Project: RelB0_SysBld

TO BE FIXED INFORMATION....

VERIFICATION INFORMATION....

Problem Type[*]: source code Test Status (Pass/Fail)?: P
Recommended Change[*]: source code Elapsed Test Time (Hrs): 1
Est. Fix Time (Hrs): 4 Verification Site[*]: EDF
Est. Compl. Date (yymmdd): 980116 Verified Build ID: Drop 3.5
Related NCR ID: N/A Verified Platform ID: n/a

CLOSING INFORMATION....

RESOLUTION INFORMATION....

Closing Reason[*]: Fixed

Resolution[*]: source code CCR#/NCR#: none
Resolved by: danderso Closing accepted by: sbarrier

Indicate_SLOC[*]: Added
Num_SLOC: 150
Fixing Time (hrs): 8
Documentation affected (Y/N)? N
Affect CSCI: ECS

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***** Problem *****

PROBLEM DESCRIPTION....ECS Assist must delete DCS entries before making new ones when a user executes the mkcdsentry option. If a CDS entry remains from a prior installation, the stale entry could (and has) result in a server being incorrectly registered in the CDS namespace.

The ECS Assist tools does not clean "delete" CDS entries for the servers when the kill option is used to bring the servers down.

These entries need to be cleaned for the servers to work properly.

Experience has shown us that cleaning these entries from the CDS tables ensures that the servers run smoother when re-started.

We have scripts that we can use on each system as a workaround to this problem.

So far for Drop 3, we have had to do this manually through the CDSBROWSER tool.

***** Analysis *****

Please describe your Analysis:

There are two aspects to this problem. One is ensuring that the CDS entries are removed before regenerating them using the MkCdsEntry option from the GUI. The other is removing the CDS objects whenever a server is started. That will involve changing the startup script template in the EcCoScriptlib and changing the EcCoDcecp code so that it can support a request of this kind.

In all, it is at least a day's (uninterrupted!) work.

Damian Anderson (01/14/1998)

***** Resolution *****

Please describe your resolution to this problem:

Change to /ecs/formal/COMMON/scripts/EcCoScriptlib:
#####

```
# 01/16/1998 Damian Anderson NCR ECSed11021: Rename del_cds_entry to      #  
#           del_cds_object, and change EcCoDcecp code #  
#           to make it delete a CDS server object. #  
#           Add del_cds_object call to start_server. #
```

Added a function in the script library to call a new function in the EcCoDcecp code. The process is authenticated as cell_admin via the cell_admin keytab file by making the call:

```
EcCoCdsMgr delete ${MODE} ${PRINCIPAL} ${HOSTNAME}
```

EcCoCdsMgr is a wrapper which authenticates a limited set of DCECP calls in our EcCoDcecp TCL script library.

(See /ecs/formal/COMMON/MiscUtils/EcCoCdsMgr/EcCoCdsMgr.c)

Added a call to del_cds_object in the function start_server so that whenever a server is started, the library call will delete the remaining CDS server objects before attempting to start the server. Since this is done in the script library, it should be unnecessary to replicate the change in every startup script. Server startup scripts which do not use the call:

```
EcCoScriptlib start_server
```

will find that they need to make the call:

```
EcCoScriptlib del_cds_object ${MODE} ${EXECUTABLE}
```

to delete the CDS server objects. It has been reported to me that the DCECP "object delete" calls do not always work on SGI, so this needs to be tested adequately.

Change to /ecs/formal/COMMON/MiscUtils/EcCoDcecp/EcCoDcecp
#####

```
# 01/16/1998 Damian Anderson NCR ECSed11021: Implement EcCoDeleteServerObj #  
#           to delete server objects before startup. #
```

Implemented a new function in DCECP which deletes the CDS server objects for a server. Because some subsystems do not follow the CDS naming standard in SD-1-015, attempted to delete the following entries, we need to delete objects with "Obj" in the name.

OPS MODE:

```
${SERVERS_DIR}/${host}/${principal}/${principal}
```

`${SERVERS_DIR}/${host}/${principal}/EcAgManager`
`${SERVERS_DIR}/${host}/${principal}/${principal}Obj`
`${SERVERS_DIR}/${host}/${principal}/EcAgManagerObj`

other modes:

`${SERVERS_DIR}/${host}/${principal}/${principal}_${mode}`
`${SERVERS_DIR}/${host}/${principal}/EcAgManager_${mode}`
`${SERVERS_DIR}/${host}/${principal}/${principal}Obj_${mode}`
`${SERVERS_DIR}/${host}/${principal}/EcAgManagerObj_${mode}`

where

`SERVERS_DIR = ./ecs/subsys/servers`
`host` = the host running the process
`principal` = server principal
`mode` = usual meaning.

The "Obj" is not supposed to be in the name according to the naming standard, but since it is so common, I attempt to delete objects with "Obj" in the name too. It would help if we all agreed on what the CDS object naming standard is and then keep to it.

Also, why do we have different names for OPS mode and other modes? It would make sense to have all modes follow the same convention.

Damian Anderson (01/16/1998)

***** Verification *****

Please describe your verification:

The NCR Scrub on 7/1/98 determined that this NCR could be closed due to previous installation problems that have since been overcome.

Sheila Barriere
7/10/98

***** Closure *****

Describe the Reason for closing this NCR?

see verification

***** History *****

xddts 971230 085221 Submitted to RelB0_SysBld by jujhazy
xddts 971230 085512 Enclosure "Problem" added by jujhazy
xddts 980105 141852 enclosure "Problem" edited by michelle
xddts 980105 142003 enclosure "Problem" edited by michelle
xddts 980106 111521 N -> A (Assigned-to rmagill) by michelle
xddts 980113 190907 Fields modified by rmagill
xddts 980114 114611 Enclosure "Analysis" added by michelle
xddts 980114 114611 A -> R (Recommend-change = source code) by michelle
xddts 980114 114749 enclosure "Analysis" edited by danderso
xddts 980114 124006 Fields modified by spetrone
xddts 980116 202706 Enclosure Resolution added by danderso
xddts 980116 202706 R -> T by danderso
xddts 980721 120048 Enclosure "Verification" added by sbarrier
xddts 980721 120049 T -> V by sbarrier
xddts 980721 120100 Enclosure "Closure" added by sbarrier
xddts 980721 120100 V -> C by sbarrier

ECSed08239 eosview crashing regularly 081297

The current workaround is to use a machine on the computer room floor.

ECSed15539 tlm_drvinput.fmt file errors 061298 Please describe the problem you are experiencing below, including what you did, what you expected to happen, and what actually happened:

The tlm_drvinput.fmt file (located in the fosb/test/am1/pdb/data directory) is used when the OPS database is bulk copied out into files. These files are delivered to ASTER for them to ingest.

The file is missing a "6" on the second line, and the last line needs to have a "/n" instead of a "|". Otherwise when gen_ops is run and the bulk copy of the telemetry tables occurs, the tlm_drvinput table is not bulk copied out because of the errors. The missing "6" results in a bulk copy error with no output file generated and the missing "/n" results in an improperly formatted file containing more than one row per line.

A corrected format file was created and the file was generated separately as a workaround, but the correct format file should be delivered so that these errors do not occur during the bulk copy at the end of gen_ops.

Sara Haugh

6/5/98

ECSed16439 Directive Monitor Window does not update on the MODIS IST 072498 Please describe the problem you are experiencing below, including what you did, what you expected to happen, and what actually happened:

Once the Command Monitor Window is initiated, the Directive Control (Monitor) Window is initiated. The PROC's that are brought up cannot be monitored at the MODIS IST Workstation due to the window not updating.

It appears that depending on the String Connection Number, the required reflectors are not launched. Since string connection numbers may vary, the IST Workstation has to have a way to launch the reflectors associated

with the specific string. A workaround to manually create reflectors that the IST needs for monitoring has been identified, but not tested.

ECSed18239 V0GWY partial work-around for data-model/SQS rectangle mismatches 100198 Data-model BoundingRectangles (BR) are implemented in SDSRV/SQS using the SQS spatial data type (SDT) 'rectangle'. However there are differences between the implementation of this SDT and the data-model view of a BR.

The SQS problem will be resolved when SQS 3.1.x or higher is integrated with SDSRV and the new SDT 'llbox' is adopted for BR. That change is currently planned for Drop 5B. Until then a partial fix for the benefit of clients entering via V0GWY should be implemented as follows:

Reject as invalid any queries containing a spatial term which uses a BR matching the following range constraints in degrees:

(longitude range >= 180.0) OR (latitude range >= 180.0)

On query rejection a message should be returned to the client, such as "Search rejected because spatial region is too large". If the range checks above are implemented sequentially then a more specific message should be sent, e.g. "Search rejected because longitude range is too large".

Note that this workaround constraint should be removed from V0GWY when SQS 'llbox' is adopted for BRs by SDSRV.

ECSed18239 V0GWY partial work-around for data-model/SQS rectangle mismatches 100198 Clients connecting via the V0GWY will be able to submit spatial searches which are misinterpreted by SQS/SDSRV. They will be returned incorrect results.

Note: This workaround will not resolve the issue of SQS rectangle great-circle arc edge determination versus BR line of constant latitude or longitude edge determination. That can only be resolved with SQS/SDSRV or client changes.

QTKqa01840 DDTs doesn't check sub-group when checking project group permissions 030894 Here's an enclosed message describing how to reproduce the error. I tested it on sunny and found the bug to exist exactly as described. --Brett

[Solaris user can't change problem state with group allow set in project config]

>Here's what I tried: user being on a diskless solaris using a version 3.1.8

>DDTs running on a SunOS 4.1.3 server.

>

>What version of DDTs are you currently running? ("whichddts")

>Also, which version of Solaris?

>

>If you could send me this info and the info listed far above (group entry,

>et. al), then I could more accurately mirror your situation and try to

>resolve this issue for you.

Okay here's the configuration, and how to reproduce the problem:

Server: SunOS 4.1.3

Solaris system: SunOS 5.3 (which is Solaris version ?)

What works:

Project is configured with X-allow-group: foo

User phred has a real GID of foo,

i.e. password file entry is:

phred:<PW>:<uid phred>:<gid foo>:...

and the output of the "id -a" command on the solaris machine is:

```
uid=100(phred) gid=200(foo) groups=200(foo),300(bar),400(xyzzy)
```

What doesn't work:

Same setup, but phred has changed his gid with "newgrp xyzzy",

and "id -a" produces:

```
uid=100(phred) gid=400(xyzzy) groups=200(foo),300(bar),400(xyzzy)
```

Any attempt to change the state then gives the message:

"Sorry, you aren't allowed to change records for <proj> into state A"

Note that this same situation occurs if the group name doesn't happen to be the user's login group...

It appears that the Solaris version simply isn't checking the supplemental group list.

The temporary workaround for our Solaris user is to "newgrp project_group_name", but this really shouldn't be required...

Please contact me if you need further information,

Jonathan Quist

jeq@lachman.com

(708)505-9555 ext. 318

ECSed11040 ECS Assist does not clean up CDS entries when servers are brought down 123097 The ECS Assist tools does not clean "delete" CDS entries for the servers when the kill option is used to bring the servers down.

These entries need to be cleaned for the servers to work properly.

Experience has shown us that cleaning these entries from the CDS tables ensures that the servers run smoother when re-started.

We have scripts that we can use on each system as a workaround to this problem.

So far for Drop 3, we have had to do this manually through the CDSBROWSER tool. to this problem.

ECSed11040 ECS Assist does not clean up CDS entries when servers are brought down 123097 NCR
ID: ECSed11021 Status: CLOSED Submit Date: 971230
NCR Class: REL_B0_INFORMAL Project: RelB0_SysBld Enclosures: 5

NCR TITLE....

ECS Assist Must delete CDS entries

DETECTION INFORMATION....

Build Name[*]: Drop 3
Test Site[*]: VATC
Detection Method[*]: Engineering Test
Detected-In-Phase[*]: Installation
Build ID:
Test Case ID:
Platform ID: n/a
Severity (1=Showstopper)[*]: 2
Need fix by [*]: Critical
Mode [*]: OPS
Trouble Ticket:

REVIEW-ASSIGN INFORMATION....

Evaluate Engineer: michelle
Assigned To: danderso
Iteration [*]: Drop 3.5

SUBMITTER INFORMATION....

Submitter: jujhazy

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NCR ID: ECSed11021 Status: CLOSED
NCR Class: REL_B0_INFORMAL Project: RelB0_SysBld

TO BE FIXED INFORMATION....

Problem Type[*]: source code
Recommended Change[*]: source code
Est. Fix Time (Hrs): 4
Est. Compl. Date (yymmdd): 980116
Related NCR ID: N/A

VERIFICATION INFORMATION....

Test Status (Pass/Fail)?: P
Elapsed Test Time (Hrs): 1
Verification Site[*]: EDF
Verified Build ID: Drop 3.5
Verified Platform ID: n/a

CLOSING INFORMATION....

RESOLUTION INFORMATION....

Resolution[*]: source code
Resolved by: danderso
Indicate_SLOC[*]: Added
Num_SLOC: 150
Fixing Time (hrs): 8
Documentation affected (Y/N)? N
Affect CSCI: ECS

Closing Reason[*]: Fixed

CCR#/NCR#: none
Closing accepted by: sbarrier

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***** Problem *****

PROBLEM DESCRIPTION....ECS Assist must delete DCS entries before making new ones when a user executes the mkcdsentry option. If a CDS entry remains from a prior installation, the stale entry could (and has) result in a server being incorrectly registered in the CDS namespace.

The ECS Assist tools does not clean "delete" CDS entries for the servers when the kill option is used to bring the servers down.

These entries need to be cleaned for the servers to work properly.

Experience has shown us that cleaning these entries from the CDS tables ensures that the servers run smoother when re-started.

We have scripts that we can use on each system as a workaround to this problem.

So far for Drop 3, we have had to do this manually through the CDSBROWSER tool.

***** Analysis *****

Please describe your Analysis:

There are two aspects to this problem. One is ensuring that the CDS entries are removed before regenerating them using the MkCdsEntry option from the GUI. The other is removing the CDS objects whenever a server is started. That will involve changing the startup script template in the EcCoScriptlib and changing the EcCoDcecp code so that it can support a request of this kind.

In all, it is at least a day's (uninterrupted!) work.

Damian Anderson (01/14/1998)

***** Resolution *****

Please describe your resolution to this problem:

Change to /ecs/formal/COMMON/scripts/EcCoScriptlib:
#####

```
# 01/16/1998 Damian Anderson NCR ECSed11021: Rename del_cds_entry to      #
#           del_cds_object, and change EcCoDcecp code #
#           to make it delete a CDS server object.  #
#           Add del_cds_object call to start_server. #
```

Added a function in the script library to call a new function in the EcCoDcecp code. The process is authenticated as cell_admin via the

cell_admin keytab file by making the call:

```
EcCoCdsMgr delete ${MODE} ${PRINCIPAL} ${HOSTNAME}
```

EcCoCdsMgr is a wrapper which authenticates a limited set of DCECP calls in our EcCoDcecp TCL script library.

(See /ecs/formal/COMMON/MiscUtils/EcCoCdsMgr/EcCoCdsMgr.c)

Added a call to del_cds_object in the function start_server so that whenever a server is started, the library call will delete the remaining CDS server objects before attempting to start the server. Since this is done in the script library, it should be unnecessary to replicate the change in every startup script. Server startup scripts which do not use the call:

```
EcCoScriptlib start_server
```

will find that they need to make the call:

```
EcCoScriptlib del_cds_object ${MODE} ${EXECUTABLE}
```

to delete the CDS server objects. It has been reported to me that the DCECP "object delete" calls do not always work on SGI, so this needs to be tested adequately.

```
#####  
Change to /ecs/formal/COMMON/MiscUtils/EcCoDcecp/EcCoDcecp  
#####
```

```
# 01/16/1998 Damian Anderson NCR ECSed11021: Implement EcCoDeleteServerObj #  
# to delete server objects before startup. #
```

Implemented a new function in DCECP which deletes the CDS server objects for a server. Because some subsystems do not follow the CDS naming standard in SD-1-015, attempted to delete the following entries, we need to delete objects with "Obj" in the name.

OPS MODE:

```
${SERVERS_DIR}/${host}/${principal}/${principal}  
${SERVERS_DIR}/${host}/${principal}/EcAgManager  
${SERVERS_DIR}/${host}/${principal}/${principal}Obj  
${SERVERS_DIR}/${host}/${principal}/EcAgManagerObj
```

other modes:

```
${SERVERS_DIR}/${host}/${principal}/${principal}_${mode}  
${SERVERS_DIR}/${host}/${principal}/EcAgManager_${mode}  
${SERVERS_DIR}/${host}/${principal}/${principal}Obj_${mode}  
${SERVERS_DIR}/${host}/${principal}/EcAgManagerObj_${mode}
```

where

SERVERS_DIR = ../ecs/subsys/servers
host = the host running the process
principal = server principal
mode = usual meaning.

The "Obj" is not supposed to be in the name according to the naming standard, but since it is so common, I attempt to delete objects with "Obj" in the name too. It would help if we all agreed on what the CDS object naming standard is and then keep to it.

Also, why do we have different names for OPS mode and other modes? It would make sense to have all modes follow the same convention.

Damian Anderson (01/16/1998)

***** Verification *****

Please describe your verification:

The NCR Scrub on 7/1/98 determined that this NCR could be closed due to previous installation problems that have since been overcome.

Sheila Barriere
7/10/98

***** Closure *****

Describe the Reason for closing this NCR?

see verification

***** History *****

xddts 971230 085221 Submitted to RelB0_SysBld by jujhazy
xddts 971230 085512 Enclosure "Problem" added by jujhazy
xddts 980105 141852 enclosure "Problem" edited by michelle
xddts 980105 142003 enclosure "Problem" edited by michelle
xddts 980106 111521 N -> A (Assigned-to rmagill) by michelle
xddts 980113 190907 Fields modified by rmagill
xddts 980114 114611 Enclosure "Analysis" added by michelle
xddts 980114 114611 A -> R (Recommend-change = source code) by michelle
xddts 980114 114749 enclosure "Analysis" edited by danderso
xddts 980114 124006 Fields modified by spetrone
xddts 980116 202706 Enclosure Resolution added by danderso
xddts 980116 202706 R -> T by danderso
xddts 980721 120048 Enclosure "Verification" added by sbarrier

xddts 980721 120049 T -> V by sbarrier
xddts 980721 120100 Enclosure "Closure" added by sbarrier
xddts 980721 120100 V -> C by sbarrier

ECSed04640 Problems with DCE Communication between DDSG1SUN and ACMG5SUN. 111896
Please describe the problem you are experiencing below, including
what you did, what you expected to happen, and what actually happened:

Two problems occur when an attempt to process an ingest request using the
HTML ingest interface is initiated.

First, when the HTML interface (running on ddsg1sun) sends a DAN to Request
Manager (running on acmg5sun), the following error occurs:

DCE Exception Caught: object not found (dce / rpc)
dan_cer00 ingest Interrupted
The RequestManager process is probably not running.

There is a workaround used to submit ingest request using the HTML interface.
If a cdsping command is issued in a ddsg1sun window, the ingest request is
executed.

Second, when receiving rpcs between ddsg1sun and acmg5sun after an ingest
request is finally sent, the parameters returned in the rpc are corrupted.

This causes the Request Manager to core dump. There is no workaround.
ECSed09640 Failure to install because of SuggestedUsage size 103097
SYBASE has a limit of 255 characters. This will take a lot of investigation
in order to come up with a workaround. Also, Data Engineering should
be involved to find out why this field is defined as 500 characters.

ECSed12240 Firewalls prevent work 021798 Firewalls prevent work

Forward this to EDF for their information and have EDAAC staff change
local firewalls.

The xterms mounted on the M&O LAN are unable to connect to any platform
on the B0 network to provide a unix prompt. Once this is corrected, we
expect problems bringing up GUIs which are spawned from the B0
network. (Our inefficient workaround is to work in room 1510 and not
in our offices.)

e0mos01 is unable to ftp to machines on the B0 network. (Our
workaround is to ftp from B0 to e0mos01.)

Mike Theobald, Tom Atwater, Feng Huang (and possibly Judy Zhuang) of
EDF will need to remotely login to B0 and bring up GUIs. If need be,
the source of their logins can be restricted to the miniDAAC AIT
machine, calahans.hitc.com. We will need their assistance in debugging
and trouble shooting many SSIT problems. Without their assistance (and
remote access!) SSIT will proceed much more slowly (if at all).

When working from a B0 machine, I am unable to execute GroupWise or
WordPerfect on edcsnsl.

Secure shell should soon be propagated to M&O and B0 networks at EDAAC.
This should solve some of the above problems.

David Zokaites

ECSed13540 Copy up to OPS Mode - EcUtCopyExec utility" 032698
The file should be correctly installed by the drop 4 install. The manual
copy of the file is a suitable workaround for drop 3.

ECSed13840 Unable to Open/Save MASTER PLAN 040898 Please describe the problem
you are experiencing below, including
what you did, what you expected to happen, and what actually happened:

Three occurrences of this problem in one morning.... Twice...consistenlty
unable to open or save the master plan. Tony Cetuk had to delete the
contents of the PLN_LOCK-PST table in the databse to solve the problem.

The frequency of the problem, and the riskiness of having to make changes to
the database to solve this problem, makes the "workaround" unacceptable.

Also, at one point we started getting event messages every second: "user
fosadmin, Resource Model: (SERVERMESSAGE) message from server: Command has
been aborted."

Tony said this was a symptom of the same problem.

Debbie Ramey
3/26/98

ECSed14140 Filtered Control_window Events won't unfilter 041798 Please describe the problem
you are experiencing below, including
what you did, what you expected to happen, and what actually happened:

In the Control Window, once events or subsystems are filtered out, they will
not be displayed after they are turned back on. The workaround is to view
the events in the Events Display, however, there are no colors, flashing
lights or warning beeps for critical events.

Rob Messerly
4/2/98

ECSed15140 SSIT: Cannot re-register Tiling PGEs 052798
IMPACT....

If changes need to be made to the defintion of a tile scheduled
PGE, those changes cannot be loaded into the PDPS database.

See Workaround for a workaround to the problem.

-- M. Mauthe

ECSed17240 RPC Creation Fails 082098 The following RPC entries are not created in CDS by ECS Assistant during the mkcdsentry phase of installation.

./:/subsys/ecs/OPS/MsAcRegUserMgr
./:/subsys/ecs/OPS/MsAcUsrProfileMgr
./:/subsys/ecs/OPS/MsAcUsrRequestMgr
./:/subsys/ecs/OPS/EcAcOrderManagerObj

As a workaround I manually created the above entries.

ECSed17813 MISR 2.0, n-32 bit IMSL still does not work 091098 NCR ID: ECSed18138
Status: ASSIGNED-TEST Submit Date: 980928
NCR Class: REL_B0_INFORMAL Project: RelB0_Sys_Engr Enclosures: 5

NCR TITLE....

MISR 2.0, n-32 bit IMSL still does not work

DETECTION INFORMATION....

REVIEW-ASSIGN INFORMATION....

Build Name[*]: Drop 4P1 Evaluate Engineer: bpeters
Test Site[*]: LaRC DAAC Assigned To: bpeters
Detection Method[*]: Planned Test Iteration [*]: Drop 4PY
Detected-In-Phase[*]: System Verificatio
Build ID:
Test Case ID:
Platform ID: spg01
Severity (1=Showstopper)[*]: 2
Need fix by [*]: Emergency
Mode [*]: TS2
Trouble Ticket:

SUBMITTER INFORMATION....

Submitter: bengle

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NCR ID: ECSed18138 Status: ASSIGNED-TEST
NCR Class: REL_B0_INFORMAL Project: RelB0_Sys_Engr

TO BE FIXED INFORMATION....

Problem Type[*]: configuration
Recommended Change[*]: configuration
Est. Fix Time (Hrs): 1
Est. Compl. Date (yymmdd): 981117
Related NCR ID: N/A

RESOLUTION INFORMATION....

Resolution[*]: configuration
Resolved by: bpeters
Indicate_SLOC[*]: Not Applicable

Num_SLOC: 0
Fixing Time (hrs): 20
Documentation affected (Y/N)? N
Affect CSCI: DPS
Merge Build Id:

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***** Problem *****

NOTE- THIS NCR IS BEING RESUBMITTED PER THE NCR BOARD.

THIS NCR WAS ORIGINALLY SUBMITTED BY USERID "engle" ON 10 SEP 98 AS NCR# 17813. HOWEVER, DUE TO SOME PROCESSING PROBLEMS THE PROBLEM DESCRIPTION WAS LOST. OTHER UNRELATED "?" PROBLEMS PREVENTED THE PROBLEM DESCRIPTION FROM BEING ADDED SO THIS NCR WAS SUBMITTED AS NEW ON 21 SEP 98.

ALTHOUGH THE NEWSROOM NCR WEB SITE SHOWED THAT THE INPUTS FOR THIS NCR WERE ACCEPTED, A PROBLEM WITH RTSC PREVENTED THE NCR FROM BEING FULLY PROCESSED. ASSUMING THIS ATTEMPT IS PROCESSED PROPERLY, IT IS RECOMMENDED THAT NCR #17813 BE CLOSED SINCE THIS NEW NCR IS BEING SUBMITTED IN ITS PLACE.

THE PROBLEM...

At the request of the LARC CCB, this TT/NCR addresses the current problems that have exsited for over a year, have been TT'd/NCR'd several times, and have become worse with the last drop "4P/4P1" in TS2.

Problem History-

LaRC TT 251 "NCR #08841" - Request for IMSL n-32bit Fortran software on B.0 System

- submitted on 08/26/1997
- closed as dupe to LaRC TT 483
- closed on 06/11/1998

LaRC TT 252 "NCR #08842" - Request for IMSL n-32bit C software on B.0 System

- submitted on 08/26/1997
- closed as dupe to LaRC TT 483
- closed on 06/11/1998

LaRC TT 483 - IMSL new 32 bit needed for MISR

- submitted on 04/02/1998
- closed "other LaRC TT open" no LaRC TT given
- closed on 06./17/1998

LaRC TT 569 "NCR # 14287" - Need Install Instructions For IMSL "o32, n32, 64-bit"

- submitted on 04/23/1998
- closed by ccb. A new Tracking Ticket needs to be written for promotion concerning the missing shells/information.
- closed on 09/05/1998

LaRC TT 583 - Update SSI&T Environment Files For n32-Bit IMSL

- submitted on 05/03/1998
- Closed as is covered by LaRC TT483 on 06/11/1998

The MISR V2.0 SSI&T started compiling the science software in May,

1998. No setups scripts were supplied for setting up environment variables for using the new N32 bit IMSL libraries. The environment setup scripts created by the DAAC are located in /usr/ldaac/eng and have been used successfully in testing all the MISR PGEs. The ECS baseline has never fully delivered the N32 bit IMSL libraries as part of the ECS baseline. The LaRC DAAC CCB closed 3 TT on this problem on 06/11/1998 another 1 week later on 06/17/1998. Only 1 TT was left open dealing with the incomplete installation and the CCB prematurely decided to close it on 09/05/1998.

Since the delivery of 4P/4P1, the IMSL setup scripts in /usr/ecs/TS2/COTS/lib/IMSL/lib32/lib/lib.reseller now do not only have the N32 bit libraries reference correctly, they also reference a /home/lou directory that appears to be a user-level directory. The TT submitter also found references to the cherokee server in one of the environment scripts. This two problems, but they are both connected in that the environment setup scripts define them both.

The TT submitter "Galasso" requests the CCB promote an NCR asking for the re-delivery of these scripts with the correct environment variable settings for using the N32 bit IMSL libraries be defined in the following shells-

```
/usr/ecs/TS2/COTS/lib/IMSL/lib32/lib/lib.reseller/cnlsetup.csh
/usr/ecs/TS2/COTS/lib/IMSL/lib32/lib/lib.reseller/fnlsetup.csh
/usr/ecs/TS2/COTS/lib/IMSL/lib32/lib/lib.reseller/iptsetup.csh
```

No compiling of the MISR software is possible at this time, due to this LaRC TT #886.

***** Impact *****

No compiling of the MISR software is possible at this time.

***** Status-info (Added 981005 by cwhitake) *****

Per 10/05 status update from Byron:

1. 10/02 Byron spoke to Jim Galasco. He wants the patch to properly configure the scripts. Agreed that this is not a Sev 1 because they have a workaround and are able to continue.
2. Byron to provide official scripts by 10/9 PSR.
3. Larry Klein in process of evaluating most recent version 3.0.1 to

determine if and/or when an upgrade is feasible.

C.Whitaker 10/05/98

***** Analysis *****

Please describe your Analysis:

The scripts need to be fixed to include additional environment variables (even if they are bogus).

***** Resolution *****

Please describe your resolution to this problem:

The cnlsetup and fnlsetup scripts have been changed per LARC's working configuration.

***** History *****

xddts 980928 132124 Submitted to RelB0_Sys_Engr by bengle
xddts 980928 132324 Enclosure "Problem" added by bengle
xddts 980928 132336 Enclosure "Impact" added by bengle
xddts 981001 115209 N -> A (Assigned-to bpeters) by sbarrier
xddts 981005 142512 Enclosure "Status-info" added by cwhitake
xddts 981005 142536 Fields modified by cwhitake
xddts 981118 103244 Enclosure "Analysis" added by bpeters
xddts 981118 103244 A -> R (Recommend-change = configuration) by bpeters
xddts 981118 103330 Enclosure Previous Merge Build IDs added by bpeters
xddts 981118 103417 Enclosure Resolution added by bpeters
xddts 981118 103417 R -> T by bpeters
xddts 981118 120427 enclosure "Previous Merge Build IDs" deleted by dzoller

ECSed02641 Process for adding FOT-generated data needs to change 072596 Bug ID: ECSed02625

FOS_TEST_B Submitted: 960725

CLOSE defect report Assigned-Eval: 961024

Assigned-Fix: 961024

Software: database 5 enclosures

"Process for adding FOT-generated data needs to change workaround"

DETECTION INFORMATION

ANALYSIS INFORMATION

Detection method[*]: Planned Test Evaluate engineer: scottc

Detected in phase[*]: System I&T A2

***** Resolution (Added 970722 by dlevin) *****

No longer an issue

OBE

***** Verification (Added 970811 by scottc) *****

It was determined this was no longer an issue

***** Action Taken (Added 970819 by lsheckle) *****

Closed by NCR review board.

***** History *****

xddts 960725 091522 Submitted to FOS_INTEGR_A by dlevin@puff
xddts 960725 091644 Enclosure "Problem" added by dlevin
xddts 960731 162323 N -> A (Assigned-Eval to cwmurphy) by tjohnson
xddts 960731 162405 Enclosure Analysis added by clloyd
xddts 960731 162405 A -> O by tjohnson
xddts 960912 151916 Forwarded from FOS_INTEGR_A to FOS_TEST_A by dlevin
xddts 960930 174716 Fields modified by dlevin
xddts 961024 163224 O -> O by jclark
xddts 961024 163235 Forwarded from FOS_TEST_A to From_A by jclark
xddts 961024 163244 N -> A (Assigned-Eval to cwmurphy) by jclark
xddts 961024 163245 A -> O by jclark
xddts 970129 110917 Fields modified by cwmurphy
xddts 970203 120911 Fields modified by lsheckle
xddts 970314 153130 Fields modified by mblazeje
xddts 970708 094446 Fields modified by rbrauns
xddts 970722 171933 O -> R (Resolution = source code) by
xddts 970722 171958 Enclosure "Resolution" added by dlevin
xddts 970811 134833 R -> T by
xddts 970811 134836 T -> V by scottc
xddts 970811 134903 Enclosure "Verification" added by scottc
xddts 970819 144611 V -> C by
xddts 970819 144633 Enclosure "Action Taken" added by lsheckle

ECSed13541 Copy up to OPS Mode - EcUtCopyExec utility" 032698
The file should be correctly installed by the drop 4 install. The manual
copy of the file is a suitable workaround for drop 3.

ECSed14841 PLWB: Can't reactive a PR that has a completionState of "CANCELED" 051498 NCR ID:
ECSed17369 Status: ASSIGNED-TEST Submit Date: 980824
NCR Class: REL_B0_INFORMAL Project: RelB0_PLS Enclosures: 5

NCR TITLE....

Planning Workbench does not activate DPRs after removal from queue

DETECTION INFORMATION....

Build Name[*]: Drop 4P Landsat
Test Site[*]: VATC
Detection Method[*]: Planned Test
Detected-In-Phase[*]: System Verificatio
Build ID:
Test Case ID: TS0423
Platform ID: t1pls02
Severity (1=Showstopper)[*]: 2
Need fix by [*]: Critical
Mode [*]: OPS
Trouble Ticket: n

REVIEW-ASSIGN INFORMATION....

Evaluate Engineer: cbories
Assigned To: cbories
Iteration [*]: Drop 4PY

SUBMITTER INFORMATION....

Submitter: dpinder

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NCR ID: ECSed17369 Status: ASSIGNED-TEST
NCR Class: REL_B0_INFORMAL Project: RelB0_PLS

TO BE FIXED INFORMATION....

Problem Type[*]: source code
Recommended Change[*]: source code
Est. Fix Time (Hrs): 20
Est. Compl. Date (yymmdd): 981014
Related NCR ID: N/A

RESOLUTION INFORMATION....

Resolution[*]: source code
Resolved by: cbories
Indicate_SLOC[*]: Combination
Num_SLOC: 20
Fixing Time (hrs): 14
Documentation affected (Y/N)? N
Affect CSCI: PLANG
Merge Build Id: N981013001

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***** Problem *****

PROBLEM DESCRIPTION....

The PIWb will not activate DPRs for the following scenario:

Create PR1, PR2 and PR3 using the PREditor. Each PR has 10 DPRs. Data is

available for the 1st 5 DPRs and unavailable for the remaining 5 DPRs, for each PR.

3 Plans are created. Plan 1 consists of PR1 and PR2. Plan 2 consist of PR2 and PR3. Plan 3 consists of PR1.

Plan 1 is activated. 10 DPRs go into Autosys (5 DPRs for PR1 and 5 DPRs for PR2) and 10 DPRs go into the Creation Queue (5 DPRs for PR1 and 5 DPRs for PR2). Once these jobs have started running in Autosys, Plan 2 is activated.

5 DPRs (for PR3) go in Autosys. The 5 DPRs for PR1 in the queue are removed. 5 more DPRs go in the queue for PR3. (The queue now has 10 DPRs - 5 for PR2, and 5 for PR3).

Finally Plan 3 is activated. The DPRs in the queue for PR2 and PR3 should be removed. No additional jobs should go into autosys but the 5 DPRs w/o data for PR1 should go back into the Creation queue.

This is not how the scenario is running. Once the DPRs have been removed from the queue they receive a cancelled state and will not be placed in the queue again. If all DPRs have not run, then the PR should be able to run again. These jobs should be able to be placed back in the queue once they have been removed.

Related NCR: ECSed14841. If these NCRs are duplicates, please mark the old one as a duplicate and let this one supercede it as this is a much more detailed description of the problem.

***** Impact *****

IMPACT....

If the user removes jobs from the queue by activating another plan, the user will not be able to reactivate the DPRs at a later time. The workaround would be to delete the Production Request, recreate the Production Request and reactivate the production request.

***** Analysis *****

Please describe your Analysis:

Need to recreate scenario before venturing analysis.

***** Previous Merge Build IDs *****

Please enter any related Merge Build ID(s) information:

1)M981007013

2)M98137012

3)

4)

***** Resolution *****

Please describe your resolution to this problem:

Modified some of the conditions under which a dpr gets resubmitted.

Allowed cancelled dprs to be resubmitted.

Disallowed dprs in the creation queue to be resubmitted.

For this, I modified PIDpr::IsDprJobRunning (exclude canceled state),

added PIDpr::IsDprJobCancellable (IsDprJobRunning&&!NULL&&!canceled)

added PIDpr::IsDprJobNotInCQ (!Cq_HOLD||CQ_RELEASE)

***** History *****

xddts 980824 162735 Submitted to RelB0_PLS by dpinder
xddts 980824 163700 Enclosure "Problem" added by dpinder
xddts 980824 163832 Enclosure "Impact" added by dpinder
xddts 980824 183712 enclosure "Problem" edited by awhitele
xddts 980825 145437 N -> A (Assigned-to cbories) by mbopf
xddts 980826 124214 Fields modified by sbarrier
xddts 980901 093204 Enclosure "Analysis" added by cbories
xddts 980901 093204 A -> R (Recommend-change = source code) by cbories
xddts 981001 171549 Fields modified by mbopf
xddts 981001 174537 Fields modified by mbopf
xddts 981008 154738 Fields modified by mbopf
xddts 981014 091030 Enclosure Previous Merge Build IDs added by cbories
xddts 981014 091411 Enclosure Resolution added by cbories
xddts 981014 091411 R -> T by cbories
xddts 981025 171842 T -> T by jboliek

ECSed15641 ServerUR.map file not delivered for DROP 4.0 for NSIDC 061798 Please describe the problem you are experiencing below, including what you did, what you expected to happen, and what actually happened:

980617

ServerUR.map file missing. (This file allows communication between the different servers.)

Workaround: Obtain Drop 3.0 version from SMC and edit it manually appropriately for NSIDC Drop 4 with appropriate NSIDC Cell names.

Resolved by: mzuniga Elapsed test time (hrs): 1
Address: trockvam Attachments (Y/N)? N (trockvam@puff)
Indicate_SLOC[*]: Not Applicable Verified Build ID: Drop 4PL
Num_SLOC: 0 Verified Platform ID: t1dps01
Fixing time (hrs): 4 Verification Test Site[*]: EDF
Documentation affected (Y/N)? N
Assigned test engineer: mzuniga
Verification Due: CLOSING INFORMATION...
 Closing Reason[*]: Fixed
 CCR#/NCR#: None
 Closing accepted by: trockvam

Page 2/2

***** Problem *****

Please describe the problem you are experiencing below, including what you did, what you expected to happen, and what actually happened:

Submitted by Gordon Brandyburg:

In /usr/ecs/TS2/CUSTOM/utilities/EcDsDistributionServer.CFG, the MssConfigFile parameter is hardcoded (i.e., we can't configure from ECSAssistant) to EcDsDistribution which is the wrong value. It should be EcDsDataDistributionApp.

Impact: Distribution Server can't read ACFG file.

***** Clone info (Added 980806 by trockvam) *****

The B0 clone for this TT has been deemed a duplicate of ECSed15497. Status will be tracked with it.

***** Analysis *****

Please describe your Analysis:

***** Resolution *****

Please describe your resolution to this problem:

ddist mkcfg file is changed so that ddist .cfg file contains a different ACFG file.

***** Verification (Added 980806 by trockvam) *****

Iota patch/TS2 mode. File permissions were change and EcDsDistributionServer was started up after workaround was implemented.

Copied EcDsDistributionServerStart to EcDsDataDistribution AppStart.

Install procedures will be modified to reflect workarounds and patch will be redelivered in 4pL.

This NCR will verified again in 4pL.

***** Closure *****

Describe the Reason for closing this NCR?

The NCR Board approved this NCR to be Closed on 9/3/98

***** History *****

xddts 980731 110849 Submitted to EDAAC_TT by trockvam@puff
xddts 980731 111113 Enclosure "Problem" added by trockvam
xddts 980731 111218 Cloned from ECSed16589 (EDAAC_TT) by trockvam
xddts 980731 111218 Parent & Children Links Removed.
xddts 980731 155616 enclosure "Problem" edited by trockvam
xddts 980806 104830 Enclosure "Clone info" added by trockvam
xddts 980806 104850 N -> A (Review-Assign to trockvam) by trockvam
xddts 980806 104915 Enclosure "Analysis" added by trockvam
xddts 980806 104915 A -> R (Recommend-change = source code) by trockvam
xddts 980806 104943 Enclosure Resolution added by trockvam
xddts 980806 104943 R -> T by trockvam
xddts 980806 105040 Enclosure "Verification" added by trockvam
xddts 980903 135929 T -> V by trockvam
xddts 980903 135949 Enclosure "Closure" added by trockvam
xddts 980903 135949 V -> C by trockvam

ECSed18141 (Ingest Script) Ingesting EDOS Ancillary Data at DAACs other than GSFC 092898
The scripts are only a workaround until we deliver 5A with this capability.

Per Joe Guzek on 9/30/98

ECSed08142 ATC Pointer 080597 Please describe the problem you are experiencing below, including what you did, what you expected to happen, and what actually happened:

The command "/FS1_SET_ATC_PTR ATC_POINTER=xxxx" where xxxx is the one to four digit decimal value of the desired ATC pointer, sends erroneous data to the S/C. When xxxx is an even value, the value (xxxx+1) is uplinked

to the S/C.

This problem may be present for other commands. This is unknown at this time.

Note: Related to the way these commands were defined in the database.

B. Muscovich

7/2/97

The workaround for ECT2 was to adjust the value of the ATC pointer via a database change. With this workaround commands were successfully sent. As a result the severity of this NCR was changed to a 2

S. Carter for D. Peters

9/30/97

ECSed12442 DDICT .ACFG file has incorrect ApId. 022498
IMPACT....

Can't start DDICT from HPOV.

workaround: Start DDICT manually.

ECSed14942 HDF-EOS not built for 4P 051998

IMPACT....

The toolkit on sgi cannot be completely installed. There is no operational workaround.

ECSed15242 System is not configured to recognize GSFC_DAAC_V0 as data provider 060298

This NCR needs to be verified by test. Also, are we closing this with only the workaround? and was an NCR opened against ECS Assist?

ECSed15242 System is not configured to recognize GSFC_DAAC_V0 as data provider 060298 Note to Trina and development. The M&O personnel at the DAACs can verify NCRs that they generated.

In this case a workaround was given and was implemented by the GSFC DAAC personnel. This polling process was not created at the GSFC DAAC by installation personnel since the Ingest subsystem was not capable of ingesting the OZONEEP data unit Drop 4P1.

When Drop 4P1 was installed in the VATC the GSFC-V0 polling process was created and the OZONEEP data was successfully ingested and archived.

This problem required no code changes only installation procedure changes. These changes will be implemented in Drop 4P1 at the DAACs as it was in the VATC.

This problem has been verified as fixed.

ECSed15642 ServerUR.map file not delivered for DROP 4.0 for NSIDC 061798 Please describe the problem you are experiencing below, including what you did, what you expected to happen, and what actually happened:

980617

ServerUR.map file missing. (This file allows communication between the different servers.)

Workaround: Obtain Drop 3.0 version from SMC and edit it manually appropriately for NSIDC Drop 4 with appropriate NSIDC Cell names. (NSIDC wants to know if this workaround was put in place)

ECSed15842 Insert Dynamic File tool won't take yes for an answer 062698 PROBLEM DESCRIPTION....

The "Insert Test Dynamic File" tool (portion?) of SSIT allows for the insertion of both single and multiple file granules. In order to determine which type granule it is working with, it asks the operator if the granule is a multifile granule. It interprets all user input except an upper case "Y" as a negative response. It should accept either an upper or lower case "Y" as a positive response and all other characters as a negative response.

The workaround is to abort the tool and restart it.

ECSed16742 Request Manager core dumps when no PDR file 080498 IMPACT....

Need to restart Request Manager every time this happens. As a workaround, need to fix the reason that the copying of the PDR failed (i.e., making sure that the remote directory exists).

ECSed17342 OPR: HPOV does not have an automatic refresh option when brought up in R 082198 Please describe your Analysis:

This is the design of HP OV and cannot be changed. The workaround is to create your own r/w map.

ECSed17642 STMGMT Servers Often Lose Sybase Connections 090398 IMPACT.... This ncr impacts all ongoing requests. The server(s) must be restarted and recovery should kick in so the requests can continue. Otherwise, the requests have to be re-initiated by the user (PDPS, B0SOT User, ...)

The workaround for this NCR is to restart the server(s).

ECSed19145 Process to Install item to a currently installed parent doesn't work. 111698 IMPACT....

The install process cannot be used for installing new items on an existing parent. There is a workaround, but it does not create an entry to the transaction log, resulting in a loss of tracability.

ECSed08843 GTWAY: Cost data not being sent to the client correctly. 090397 Please describe your resolution to this problem:

New functionality has rendered this workaround redundant. See L7 Billing and Accounting scenario.

ECSed13531 Separate login needed to monitor SQS thread 032698 I created login and userid sqs_mon, and granted it sa_role authority.

The above is a workaround. To fix this problem, a modification to the database installation script to include the creation of a user to monitor SQS.

The decision of this BUG modification is to be decided on or about 4/10/98.
modified by ematthew on 4/6/98.

From John Cockey: I believe it's been OBE. I think this NCR was put in because there wasn't a good way to monitor the Spatial Query Server's own connection to Sybase. In other words, if Sybase is restarted (it's been done many times), SQS's connections are lost. When SQS is started with the "sqs_sa", these connections can easily be monitored thru ISQL. Prior to this change, SQS was being started with the Sybase "sa" a login and since Sybase uses this account internally to perform its own internal maintenance (these sessions come and go as Sybase needs them) the DAAC could not monitor the SQS connections directly/with confidence. There is an approved CCR out there mandating this be done (as "sqs_sa") at the DAACs - so i think this NCR can be verified and closed as such. Hope that helps. -John
added by ematthew On 11/20/98

ECSed13743 SGI machines do not handle end of month date changes 040298 Please describe your resolution to this problem:

SGI has published the following resolution available at the URL:
http://www.sgi.com/support/cust_letter.html

Dear Valued Customer,

This letter is to notify you of a problem with the handling of the Time of Day (ToD) chip that we have discovered on CHALLENGE and Origin/Onyx2 systems. The problem is fixed in the next release of our operating system, IRIX 6.5. This problem affects the following Silicon Graphics systems:

- * CHALLENGE DM/L/XL
- * Power CHALLENGE L/XL
- * Origin 200
- * Origin 2000
- * Onyx2
- * Onyx L/XL, Power Onyx L/XL and RealityStation

This problem will be seen if a power cycle and reboot occurs after February 28, 1998. The problem does not manifest itself if the system is rebooted without the power being cycled. The system date will be set to one day earlier than the current date. This problem is being tracked by Silicon Graphics on bug 577512.

Silicon Graphics is working on a fix for this problem. Until these patches are available or until you upgrade to 6.5, Silicon Graphics recommends executing the following workaround. Please note that this workaround can be applied at your next scheduled down time and takes less than five minutes. However, because power outages can occur unexpectedly, Silicon Graphics recommends

applying the workaround as soon as it is convenient to reboot the system. Silicon Graphics also recommends that you install the patch which will provide a complete fix for this problem.

Please complete the following steps to apply the workaround:

1. Login as root and shutdown the system using the shutdown command:

```
# shutdown
```

After a few minutes you will see this message:

```
INIT: New run level: 0  
The system is coming down. Please wait.
```

The System Maintenance menu will be displayed.

2. Reboot the system into single user mode by selecting "Enter Command Monitor", and typing the command "single" at the PROM monitor prompt:

```
>single
```

3. Examine the system date with the date command:

```
# date  
Mon Mar 16 14:10:38 PST 1998
```

4. Set the system date to the current date using the date command with the format "date mmddHHMM" where
mm - month 01 to 12
dd - day of the month 01 to 31
HH - hour of the day, 00 to 23
MM - minutes 00-59

This date must be GMT.

For example:

```
# date 03171410
```

5. Halt the system using the init command:

```
# init 0
```

6. When the system displays a message stating that the system can be powered off, turn the system power off using either the front panel key switch, or the power switch on the back

of the system.

7. Wait 15-30 seconds, and turn the power back on. When the system displays a message that says "Starting up the system...", use the mouse to click on the "Stop for Maintenance" button, or press the Escape key. When the System Maintenance Menu is displayed, choose "Enter Command Monitor" and boot to single user mode:

```
>single
```

8. Verify that the system date has changed to reflect the new date entered in step #4:

```
# date  
Tues Mar 17 14:12:42 GMT 1998
```

This completes the workaround for the Time of Day chip bug. Note that this problem is not related to the year 2000 issue.

We sincerely regret any inconvenience this may have caused you, and we thank you for your cooperation.

Sincerely,

Ken Coleman
Senior VP, Customer & Professional Services

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~

ECSed14743 "Completed" DAS Jobs disappearing from the Load Queue Window 051298 Please describe the problem you are experiencing below, including what you did, what you expected to happen, and what actually happened:

"Completed" DAS jobs discovered missing after workaround to remove "Pending" job out of the Load Generator's "In Queue" window. Copmleted DAS jobs are required to be in the "Completed" queue in order for Late Change processing to take place. With the current "Pending " problem, a user has to manually edit the lq.db file to remove the pending job. This workaround is very error-prone and is unacceptable since it can affect a Late Change processing.

Ed Rodriguez
5/7/98

ECSed14743 "Completed" DAS Jobs disappearing from the Load Queue Window 051298 Spoke with Wendy (PAS Analyst at FOT), the pending job anamoly has been fixed. But they still have to go in an delete jobs for other failures during the DAS Load. Although, to manually delete jobs from the load queue is a clumsy workaround..it's still just a workaround and NCR/DR's shouldn't been written

on human error. This problem has been resolved and has been successfully verified.

Jeanette Applewhite

5/24/98

EDF

2.2.0H

ECSed16843 No ARCHRESCONFIG file installed 080798 NCR ID: ECSed16699

Status: CLOSED Submit Date: 980803

NCR Class: REL_B0_INFORMAL Project: RelB0_STMGT Enclosures: 8

NCR TITLE....

ARCHRESCONFIG file missing

DETECTION INFORMATION....

REVIEW-ASSIGN INFORMATION....

Build Name[*]: Drop 4P Landsat

Evaluate Engineer: jamesip

Test Site[*]: EDF

Assigned To: jamesip

Detection Method[*]: Planned Test

Iteration [*]: Drop 4P Landsat

Detected-In-Phase[*]: Installation

Build ID:

Test Case ID:

Platform ID: SGI

Severity (1=Showstopper)[*]: 2

Need fix by [*]: Emergency

Mode [*]: Other

Trouble Ticket:

SUBMITTER INFORMATION....

Submitter: cduma

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NCR ID: ECSed16699 Status: CLOSED

NCR Class: REL_B0_INFORMAL Project: RelB0_STMGT

TO BE FIXED INFORMATION....

VERIFICATION INFORMATION....

Problem Type[*]: documentation

Test Status (Pass/Fail)?: P

Recommended Change[*]: documentation

Elapsed Test Time (Hrs): 1

Est. Fix Time (Hrs): 8

Verification Site[*]: EDF

Est. Compl. Date (yymmdd): 980814

Verified Build ID: Drop 4P Landsat

Related NCR ID: N/A

Verified Platform ID: SGI

CLOSING INFORMATION....

RESOLUTION INFORMATION....

Closing Reason[*]: Fixed

Resolution[*]: documentation

CCR#/NCR#: none

Resolved by: jamesip

Closing accepted by: sbarrier

Indicate_SLOC[*]: Not Applicable

Num_SLOC: 0

Fixing Time (hrs): 8

Documentation affected (Y/N)? Y

Affect CSCI: STMGT

Merge Build Id:

Page 2/2

***** Problem *****

PROBLEM DESCRIPTION...

The ARCHRESCONFIG file containing the FtpDis, IngestFtp, 4mmTape, 8mmTape and D3 resources configurations is not being installed during the standard EcCoAssist installation process. The workaround is to manually copy a valid ARCHRESCONFIG into the appropriate directory and configure the entries in it.

***** Impact *****

IMPACT...

The FtpDis will fail on a GetCAPACITY call and the distribution ftp will fail.

***** Analysis *****

Please describe your Analysis:

Document how to create the ARCHRESCONFIG file via the extensions button on ECS Assist.

***** ARCHRESCONFIG Creation (Added 980806 by dbrown) *****

After installation (in EcCoAssist), click on subsystem DSS. Click on EcDsstStorageMgmtApp. Then click on Extensions above the mkcdsentry button. Choose the desired mkcfg to create the config file.

***** Previous Merge Build IDs *****

Please enter any related Merge Build ID(s) information:

- 1)
- 2)
- 3)
- 4)

***** Resolution *****

Please describe your resolution to this problem:

Modified build plan to include instructions on using extensions to create ARCHRESCONFIG file from ECS Assist.

***** Verification *****

Please describe your verification:

The NCR Scrub on 9/4/98 determined that this NCR could be closed due to previous installation problems that have since been overcome.

Sheila Barriere
9/4/98

***** Closure *****

Describe the Reason for closing this NCR?

see verification

***** History *****

xddts 980803 173050 Submitted to RelB0_STMGT by cduma
xddts 980803 173417 Enclosure "Problem" added by cduma
xddts 980803 173603 Enclosure "Impact" added by cduma
xddts 980804 150936 N -> A (Assigned-to jamesip) by dbrown
xddts 980805 131500 Enclosure "Analysis" added by jamesip
xddts 980805 131500 A -> R (Recommend-change = documentation) by dbrown
xddts 980805 142751 Fields modified by sbarrier
xddts 980806 123039 Enclosure "ARCHRESCONFIG Creation" added by dbrown
xddts 980826 162422 Enclosure Previous Merge Build IDs added by jamesip
xddts 980826 162441 Enclosure Resolution added by jamesip
xddts 980826 162441 R -> T by jcrowfor
xddts 980904 135509 Enclosure "Verification" added by sbarrier
xddts 980904 135509 T -> V by sbarrier
xddts 980904 135521 Enclosure "Closure" added by sbarrier
xddts 980904 135522 V -> C by sbarrier

ECSed18243 Intermittent BOGUS PACKET TYPE error 100298 NCR ID: ECSed18212
Status: REVIEW-ASSIGNED Submit Date: 981001
NCR Class: REL_B0_INFORMAL Project: EDFIFS_dce Enclosures: 5

NCR TITLE....

dced crashes repeatedly on cherokee - seen also on juror2

DETECTION INFORMATION....

REVIEW-ASSIGN INFORMATION....

Build Name[*]: Drop 4PX

Evaluate Engineer: dwashing

Test Site[*]: EDF

Assigned To: dwashing

Detection Method[*]: Planned Test

Iteration [*]: Drop 5A

Detected-In-Phase[*]: Operability Test

Build ID:

Test Case ID:

Platform ID: cherokee

Severity (1=Showstopper)[*]: 3

Need fix by [*]: Routine

Mode [*]: Other

Trouble Ticket:

SUBMITTER INFORMATION....

Submitter: jdreisba

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NCR ID: ECSed18212 Status: REVIEW-ASSIGNED

NCR Class: REL_B0_INFORMAL Project: EDFIFS_dce

Page 2/2

***** Problem *****

dced crashes frequently on cherokee. This problem has been logged with SGI and is being followed up by Kevin Lange and Bruce Clark. The problem has been in existence for at least the last 5 weeks. It seems exacerbated by running the Stability Scenario 1 "Ingest of 600 granules each day for 7 days". But, we have seen it happen when Scenario 1 wasn't running. For example, the problem occurred on juror2 today. It may be worth investigating whether this problem could be linked to the "bad packet" problem that exists as well. That problem is being reported as a separate problem.

***** Impact *****

This prevents us from maintaining a stable system. We have not yet been able to run 2 days back-to-back with a stable cherokee platform

***** DCE IPT Assessment (Added 981009 by dwashing) *****

This problem is symptomatic of a known problem with the DCE 1.1b application on SGIs. The "dced" daemon mysteriously dies, with a core dump during an Ingest function, which requires the DCE daemons to be restarted. It also returns an error message to the DCE "servicability" log that a "BOGUS PACKET TYPE" received Below is a sample of the log entry

```
1998-08-21-11:07:42.240-04:00I0.922 dced WARNING rpc cn_pkt cnrcvr.c 1573 0x100b4310
(receive_packet) assoc->10aa5578 BOGUS PACKET TYPE: Protocol version mismatch - major->3a
minor->35
```

```
1998-08-21-11:30:46.989-04:00I1.139 dced WARNING rpc cn_pkt cnrcvr.c 1573 0x100b8e60
(receive_packet) assoc->10aab900 BOGUS PACKET TYPE: Protocol version mismatch - major->3a
minor->35
```

This problem has been turned over to SGI DCE Development for further investigation (case# 0999030) with daily reports of the information reported to the DCE IPT. Kevin Lange has been assigned this problem and is in DAILY contact with SGI. SGI has been able to identify the area of code where the error is occurring, but have not identified the lines of code which causes the core dump. We have supplied SGI with the core dump, as well as some new data recovered while the dump recently took place. SGI instructed us to turn on a new servicability log (RPC) which returns a lot more information.

This problem being intermittent, and not reproducible, with the workaround of restarting the daemons upon the notification of the dced daemon dying, The DCE IPT request that the severity class be downgraded.

***** Dup-info (Added 981104 by cwhitake) *****

11/4/98 NCR Board Meeting:

Per SGI message:

Subject: TR-47897 Protocol Version mismatches
Date: 22 Oct 1998
From: encina-help@transarc.com

It was noted that there is a direct relationship between the BOGUS PACKET TYPE messages (18243) and the dced crash (18212). Consequently, 18243 will be marked as a duplicate of 18212.

***** Reason for Downgrade (Added 981111 by randallm) *****
NCR 18212 has been downgraded to Severity 3/Routine as a result of recent ECS testing and information provided by SGI.

SGI has provided a fix for the dced problem in version 1.1.C of dce. The current ECS baseline for dce is 1.1.B, with a plan to upgrade to 1.1.C in the 5A COTS delivery. SGI explained that when the daemon received an invalid (corrupted) message, it was returning an error message (hence the BOGUS PACKET TYPE signature), but continued to process the message anyway, which sometimes resulted in failure of the daemon.

ECS has recently significantly de-scoped the ECS HPOV subagent. The dced problems were most closely associated with Ingest scenarios. Recent tests with the descoped subagent ("MSS Lite") and Ingest have failed to reproduce the dced problem where it was observed before. Our conclusion is that the source of corrupted messages that was triggering the dced crashes was the old subagent.

We therefore think that the dced crashing problem is no longer a significant problem in 4PX/4PY. The NCR should be downgraded to a Severity 3/Routine, to be closed when we upgrade to dce 1.1.C and apply SGI's patch in the 5A timeframe.

rjm 11/11/98

***** History *****

xdds 981001 091232 Submitted to EDFIFS_dce by jdreisba
xdds 981001 091246 Enclosure "Problem" added by jdreisba
xdds 981001 091258 Enclosure "Impact" added by jdreisba
xdds 981004 184157 Fields modified by jdreisba
xdds 981004 184435 Fields modified by jdreisba
xdds 981004 184530 Fields modified by jdreisba
xdds 981009 100852 Enclosure "DCE IPT Assessment" added by dwashing
xdds 981014 172948 N -> A (Assigned-to dwashing) by cwhitake
xdds 981104 120757 Enclosure "Dup-info" added by cwhitake
xdds 981110 162431 Fields modified by ljackson
xdds 981111 082541 Enclosure "Reason for Downgrade" added by randallm
xdds 981111 082554 Fields modified by randallm

ECSed11244 Oid_EcDmDictServer variable removal of OPS 011098 PROBLEM DESCRIPTION....

The oid_EcDmDictServer variable in the data dictionary config file should not

contain the OPS tag in the OPS mode. It defaults to the OPS tag. With the OPS tag, it is not recognized by the server and the oid cannot be located in the config file. The impact is the server does not come up correctly and does not talk to the science data server when adding ESDTs. The workaround was to remove the OPS tag from oid_EcDmDictServer.

ECSed12844 PGE exit code of 1 is not supported by database update tools 030698

The Impact is that the PGE cannot be registered in the system.

See workaround for a way to workaround the problem.

-- M. Mauthe

ECSed12844 PGE exit code of 1 is not supported by database update tools 030698

To workaround the problem, remove the Exit Message ODL group from the ODL file. For a PGE where 0 is success and 1 is an error, there is no need to have specific messages to differentiate the error codes.

-- M. Mauthe

ECSed13744 SGI machines do not handle end of month date changes 040298 Please describe your resolution to this problem:

SGI has published the following resolution available at the URL:

http://www.sgi.com/support/cust_letter.html

Dear Valued Customer,

This letter is to notify you of a problem with the handling of the Time of Day (ToD) chip that we have discovered on CHALLENGE and Origin/Onyx2 systems. The problem is fixed in the next release of our operating system, IRIX 6.5. This problem affects the following Silicon Graphics systems:

- * CHALLENGE DM/L/XL
- * Power CHALLENGE L/XL
- * Origin 200
- * Origin 2000
- * Onyx2
- * Onyx L/XL, Power Onyx L/XL and RealityStation

This problem will be seen if a power cycle and reboot occurs after February 28, 1998. The problem does not manifest itself if the system is rebooted without the power being cycled. The system date will be set to one day earlier than the current date. This problem is being tracked by Silicon Graphics on bug 577512.

Silicon Graphics is working on a fix for this problem. Until these patches are available or until you upgrade to 6.5, Silicon Graphics recommends executing the following workaround. Please note that this workaround can be applied at your next scheduled down time and takes less than

five minutes. However, because power outages can occur unexpectedly, Silicon Graphics recommends applying the workaround as soon as it is convenient to reboot the system. Silicon Graphics also recommends that you install the patch which will provide a complete fix for this problem.

Please complete the following steps to apply the workaround:

1. Login as root and shutdown the system using the shutdown command:

```
# shutdown
```

After a few minutes you will see this message:

```
INIT: New run level: 0  
The system is coming down. Please wait.
```

The System Maintenance menu will be displayed.

2. Reboot the system into single user mode by selecting "Enter Command Monitor", and typing the command "single" at the PROM monitor prompt:

```
>single
```

3. Examine the system date with the date command:

```
# date  
Mon Mar 16 14:10:38 PST 1998
```

4. Set the system date to the current date using the date command with the format "date mmddHHMM" where
mm - month 01 to 12
dd - day of the month 01 to 31
HH - hour of the day, 00 to 23
MM - minutes 00-59

This date must be GMT.

For example:

```
# date 03171410
```

5. Halt the system using the init command:

```
# init 0
```

6. When the system displays a message stating that the system can be powered off, turn the system power off using either the front panel key switch, or the power switch on the back of the system.
7. Wait 15-30 seconds, and turn the power back on. When the system displays a message that says "Starting up the system...", use the mouse to click on the "Stop for Maintenance" button, or press the Escape key. When the System Maintenance Menu is displayed, choose "Enter Command Monitor" and boot to single user mode:

>single

8. Verify that the system date has changed to reflect the new date entered in step #4:

```
# date  
Tues Mar 17 14:12:42 GMT 1998
```

This completes the workaround for the Time of Day chip bug. Note that this problem is not related to the year 2000 issue.

We sincerely regret any inconvenience this may have caused you, and we thank you for your cooperation.

Sincerely,

Ken Coleman
Senior VP, Customer & Professional Services

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~

ECSed11945 Database tables missing for D3 Tape. 020398 The following tables were added to the STMGT database:

Scheduler
Reservations
Request

Background:
The following error message was received for D3 Tape

RequestListTable:Add:Invalid attempt to insert into DB

The Drop 3 code referenced these tables but did not create them. They were referenced in Drop 2. Since Drop 2 was delivered to GDAAC, the schema was available there in order to create the tables. The tester created a .sql script to create the tables in STMGT at EDC. This was performed BEFORE the mandate that every-

thing is to be taken ONLY from the SMC. The patch file is located in /usr/ecs/TS2/CUSTOM/dbms/stmgtpatch3.02.sql at EDC.

Impact:

If this workaround was not performed, test would have lost valuable time waiting for a patch to solve this problem.

Gordon Brandyburg (2/3/98)

ECSed17745 CLS EcCIINTFCSVR_EDC.pkg is missing some iu's 091098 The delivered .EcCIINTFCSVR_EDC.pkg called for by the .sitemap file did not have %include entries for the .EcCIDtDesktopSciUser.iu, .EcCIDtUserProfileGateway.iu, .EcCIWbUr.iu and .EOSView.iu. As a workaround, I added these entries to the file.

-Jim VerMeer

ECSed17945 Wrong End Date In Temporal Requirements: DAR Tool 091798 The workaround for this would be to check the DAR file and/or ALOG entries for that particular DAR and modify the end date prior to re-submission.

ECSed09546 Can not display help for hdiff gui 080897 Can not display help for hdiff gui I brought up the SSIT manager then the hdiff gui and clicked on the hdiff gui help button. I was greeted with an error message: OPENR: Error opening file: /DpAtMgrCheckHdfFile.hlp. Can not display /DpA

tMgrCheckHdfFile.hlp My workaround was printing the help file with the unix find and lp commands. Submitted-on: 970808

ECSed12446 SSIT: SSAP Acquire Failure 022498 IMPACT....

The Impact of this problem is that while some of the SSAP functionality in the SSAP Editor works correctly, other functionality does not. See Workaround enclosure for a workaround to this problem.

WHAT WORKS:

- New SSAPs can be created, metadata set and the new SSAP submitted to the Data Server for storage.
- New SSAP components (lists of files associated with the SSAP) can be created for new SSAPs and submitted to the Data Server for storage.
- Existing SSAPs can have their metadata updated at the Data Server.
- Existing SSAPs can have new components added and stored at the Data Server.

WHAT IS BROKEN:

- The user cannot retrieve a copy of an existing SSAP component. So if the user wants to see the source code for a particular PGE (and such source code is stored as part of the SSAP), the SSAP Editor cannot retrieve it for him or her (see workaround for how it can still be done).
- Existing components cannot be updated by the SSAP Editor. So if a user forgot to include a source code file in the SSAP component, he or she cannot use the SSAP Editor to retrieve and update the component (see workaround for how this can be done).
- A new SSAP cannot be created from an existing SSAP by

copying the existing components from the Data Server. So if the user already has submitted an SSAP (to the Data Server) and wants to create a new one with the same components, the SSAP editor cannot be used to retrieve the components and make a copy (see workaround for how this can be done). NOTE that different versions of the same SSAP are handled differently by the SSAP editor and will work correctly as long as no existing SSAP components need to be updated.

-- M. Mauthe

ECSed12446 SSIT: SSAP Acquire Failure 022498 To workaround the problem, the EcDpAtAcquireDAP program can be

used. It takes the name and location of an email file that contains the UR of the granule to be acquired. The tool itself is not ESDT specific, so it will retrieve any kind of data, including SSAP components (ESDT short name: SSAPC), as long as the UR is known and is inside the specified email file.

To get the UR of the desired SSAP component, the user must set (in the cfg file for the SSAP Editor) the DebugLevel to 3 (so that all debug messages are displayed). Then when an SSAP is submitted to the Data Server, all components of that SSAP will be inserted as well. The UR for each component will be displayed on the screen and can be recorded for later retrieval.

The user can use the recorded URs to retrieve any desired components and make changes to them via the UNIX command "tar". They then may be reinserted to the Data Server using the SSIT InsertTest tool.

All newly created SSAP components are inserted when the SSAP is submitted from the SSAP Editor. Any components not created or any components that already exist but have not been changed will NOT be inserted. SSAP components are inserted in the following order:

- ChangeLog
- ContextDiagram
- DeliveryContents
- DetailedDesign
- Manual
- PerformanceTestResults
- ProcessingFileDescription
- ProgrammersGuide
- TestPlan
- SWStandard
- SystemDescription
- CompileInfo
- Description
- PGErrorLogs
- PGExecutables
- Dependencies
- TestSiteConfig

VersionClass
CalibrationFiles
ExternalData
EngineeringData
ScienceData
MCFs
AncillaryData
ParametersResource
ResultsReport
ResultsProductFile
ResultsTempFile
TestScripts
TestSource
CompileScripts
SWScripts
SWSource

-- M. Mauthe

ECSed14146 The CHECKSUM flag in the Archive Serever CFG 041798
5/1/98 Direction received to provide workaround for "GOLD" patch. This NCR
was changed from Sev 1 to Sev 2.

ECSed17346 OPR: HPOV does not have an automatic refresh option when brought up in R 082198
Please describe your Analysis:

This is the design of HP OV and cannot be changed. The workaround is
to create your own r/w map.

ECSed17446 File deletion can cause unrelated job to fail in Destage 082698 IMPACT....

When this error occurs the unarchived files are not inserted into the
archive since the Destage (Insert) job step cannot complete its job. As
a consequence of not destaging the remaining PGEs in the processing chain
are not triggered (kicked off).

Operationally, it looks like the workaround is to kill the PGE01 and
regenerate its DPRs. It can then be rescheduled and run.

ECSed17746 CSS EcCsINTFCSVR_EDC.pkg is missing some iu's 091098
The delivered .EcCsINTFCSVR_EDC.pkg called for by the .sitemap file did not
have %include entries for the .EcCsEmailParser.iu and .EcCsSubServer.iu. As
a workaround, I added these entries to the file.

-Jim VerMeer

ECSed18346 InExternalDataProviderInfo.data incomplete 100898 NCR ID: ECSed17706
Status: CLOSED Submit Date: 980910
NCR Class: REL_B0_INFORMAL Project: RelB0_INGST Enclosures: 7

NCR TITLE....

Missing Data Providers from InExternalDataProviderInfo.data file

DETECTION INFORMATION....

REVIEW-ASSIGN INFORMATION....

Build Name[*]: Drop 4PX

Evaluate Engineer: tscurry

Test Site[*]: VATC

Assigned To: tscurry

Detection Method[*]: Engineering Test Iteration [*]: Drop 4PX.10

Detected-In-Phase[*]: System Verificatio

Build ID: Drop4PX_SGI
Test Case ID: Interface Test
Platform ID: t1icg01
Severity (1=Showstopper)[*]: 2
Need fix by [*]: Critical
Mode [*]: OPS
Trouble Ticket:

SUBMITTER INFORMATION....

Submitter: kmiller

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NCR ID: ECSed17706 Status: CLOSED
NCR Class: REL_B0_INFORMAL Project: RelB0_INGST

TO BE FIXED INFORMATION....

VERIFICATION INFORMATION....

Problem Type[*]: configuration Test Status (Pass/Fail)?: P
Recommended Change[*]: configuration Elapsed Test Time (Hrs): 2
Est. Fix Time (Hrs): 8 Verification Site[*]: VATC
Est. Compl. Date (yymmdd): 980929 Verified Build ID: Drop 4PX.10
Related NCR ID: N/A Verified Platform ID: t1icg01

CLOSING INFORMATION....

RESOLUTION INFORMATION....

Closing Reason[*]: Fixed

Resolution[*]: source code CCR#/NCR#:
Resolved by: lreeves Closing accepted by: ljackson
Indicate_SLOC[*]: Added
Num_SLOC: 350
Fixing Time (hrs): 8
Documentation affected (Y/N)? N
Affect CSCI: INGST
Merge Build Id: N980928015

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***** Problem *****

PROBLEM DESCRIPTION....

While setting up for interface tests with the Landsat-7 LPS and the Landsat-7 IAS facilities it was noticed that the following Data Providers, which equate to the ORIGINATING_SYSTEM parameter values in the DANs and PDRs that will be received from these 2 facilities, were not in the Ingest database:

lps001
lps002
lps003
lps004
lps005

ias001
ias002

These Data Provider values should be included in the InExternalDataProviderInfo.data file that is delivered.

Note: As other accurate Data Provider values become known, such as for NCEP and GSFC-V0, these values should also be added to the InExternalDataProviderInfo.data file that is delivered.

***** Impact *****
IMPACT....

If these Data Providers values are not present in the Ingest database then no data can be ingested from them. This impact is very low since a simple workaround exists for this problem.

WORKAROUND

Edit the InExternalDataProviderInfo.data file to add any necessary Data Provider value prior to loading the Ingest database.

If the database has already been loaded then you can load the InExternalDataProviderInfo table by itself or you can use isql commands to add these Records to the table.

***** Analysis *****
Please describe your Analysis:

Missing data included in appropriate data file for data configuration of Ingest database and new patch scripts written to insert value to an existing database.

***** Previous Merge Build IDs *****
Please enter any related Merge Build ID(s) information:

- 1)
- 2)
- 3)
- 4)

***** Resolution *****

Please describe your resolution to this problem:

Missing data value included in data file for initial data configuration of Ingest database and patch scripts written to insert new value to an existing database.

***** Verification *****

Please describe your verification:

After installing Ingest Drop 4PX.10 in the VATC I then patched the Ingest database with Patch 4PY.4.

Using isql commands I verified that the following Data Providers (those stated in the Problem enclosure) were found in the InExternalDataProviderInfo database table:

ias001
ias002
lps001
lps002
lps003
lps004
lps005

This problem has been verified as fixed.

***** Closure *****

Describe the Reason for closing this NCR?
NCR Board 11/03/98

***** History *****

xddts 980910 082310 Submitted to RelB0_INGST by kmiller
xddts 980910 082919 Enclosure "Problem" added by kmiller
xddts 980910 083306 Enclosure "Impact" added by kmiller
xddts 980910 101444 N -> A (Assigned-to lreeves) by mwong
xddts 980914 121909 Fields modified by sbarrier
xddts 980916 083316 Fields modified by lreeves
xddts 980916 095226 Fields modified by mwong
xddts 980916 160000 Fields modified by lreeves
xddts 980928 132111 Fields modified by mwong
xddts 980930 124747 Enclosure "Analysis" added by tscurry
xddts 980930 124747 A -> R (Recommend-change = configuration) by lreeves
xddts 980930 124847 Enclosure Previous Merge Build IDs added by lreeves
xddts 980930 124928 Enclosure Resolution added by lreeves

xdds 980930 124928 R -> T by lreeves
xdds 981015 171856 T -> T by aboslett
xdds 981030 075544 Enclosure "Verification" added by kmiller
xdds 981030 075545 T -> V by kmiller
xdds 981103 220122 Fields modified by ljackson
xdds 981103 220147 Fields modified by ljackson
xdds 981103 220319 Enclosure "Closure" added by ljackson
xdds 981103 220319 V -> C by ljackson

QTKqa01647 cannot get transitions not in states file 120393 If you have the following in the states file:

S N N
N A A
A O O

And then submit a bug loogged in as one user and then commit, everything is fine.

Then another user comes in and Moves it to A, then to O, then commits the bug.

bugmail tries to find out what transitions go between N and O, but cannot find this entry in the states file, so errors and does not send mail.

You can workaround this by putting the N O A transition in there, but that does not address the real problem.

We could architect a way to do this in bugs.in and xdds, or we could document that all state transitions must be in the states table. Perhaps when dds 4.0 comes out and we have a GUI state builder it would do this for us, but for now is there anything that we can do?

ECSed10247 PLWB: Need more informative error message when "create dpr" fails 120397 NCR ID:
ECSed15301 Status: CLOSED Submit Date: 980604
NCR Class: REL_B0_INFORMAL Project: RelB0_PLS Enclosures: 5

NCR TITLE....

No Error Message When Plan Fails to Activate

DETECTION INFORMATION....

REVIEW-ASSIGN INFORMATION....

Build Name[*]: Drop 4

Evaluate Engineer: cbories

Test Site[*]: LaRC DAAC

Assigned To: cbories

Detection Method[*]: Acceptance Test

Iteration [*]: Drop 4P Landsat

Detected-In-Phase[*]: Acceptance Testing

Build ID:

Test Case ID:

Platform ID: t1pls02

Severity (1=Showstopper)[*]: 2

Need fix by [*]: Critical

Mode [*]: OPS

Trouble Ticket:

SUBMITTER INFORMATION....

Submitter: engle

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NCR ID: ECSed15301 Status: CLOSED
NCR Class: REL_B0_INFORMAL Project: RelB0_PLS

TO BE FIXED INFORMATION....

VERIFICATION INFORMATION....

Problem Type[*]: source code Test Status (Pass/Fail)? : P
Recommended Change[*]: source code Elapsed Test Time (Hrs): 1
Est. Fix Time (Hrs): 4 Verification Site[*]: VATC
Est. Compl. Date (yymmdd): 980612 Verified Build ID: Drop 4PL
Related NCR ID: N/A Verified Platform ID: t1pls02

CLOSING INFORMATION....

RESOLUTION INFORMATION....

Closing Reason[*]: Fixed

Resolution[*]: source code CCR#/NCR#: none
Resolved by: cbories Closing accepted by: sbarrier
Indicate_SLOC[*]: Added
Num_SLOC: 20
Fixing Time (hrs): 4
Documentation affected (Y/N)? Y
Affect CSCI: PLS/PWB
Merge Build Id:

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***** Problem (Added at 980604 by g.e.engle) *****
This TT is being written for promotion to an ECS NCR "2-critical, mode
OPS, drop4.05, 10pls01, RelB0_PLS".

During testing of v4.05 in mode OPS at LaRC, activation of plan
ASTER_OPS_LLL failed. The startup screen and the EcPIWb activity log
showed that a DCE error had occurred. However, the user received no
message that plan activation had failed. The only indicators were that
the Activation window disappeared, but the status of the Plan remained
"Default", not "Active".

If plan activation fails, the user should be notified.

***** Analysis *****

Please describe your Analysis:
The method PIWbScheduler::activate is called in two parts of the workbench
code: PIWbWin::reactivateBtnCb
and PIWbActivateWin::applyChanges

In neither of this calls, is the return value checked. It should be checked
whether the return is successful (TRUE) or failed (FALSE) and if it has
failed, a pop up message should appear and inform the operator. Also put message
to message handler and ALOG.

Use DMessageBox probably.

***** Resolution *****

Please describe your resolution to this problem:

After every call to PIWbScheduler::activate I poll the result, and if it has failed I pop a message to alert the operator.

***** Verification *****

Please describe your verification:

Created a plan. Activated the plan with JobMgmt Server down. The plan failed to activate. A dialog box appeared saying the Plan Failed to Activate.

***** Closure *****

Describe the Reason for closing this NCR?

Shelia,

>From the CCB meeting of September 3, 1998:

Concurrence is granted for the following NCRs -

13175	13165	13161	15327	16728	16729
16730	16737	16721	16719	16480	15301

Concurrence is NOT granted for the following NCRs -

13771 - (From Jim Gallasso) "The assumption made for the implementation of multi-granule ESDTs is incorrect. The assumption is that if a multi-granule ESDT is used over a time period that each granule would represent a subset of the total time period.

"MISR has implemented the multi-granule ESDTs not based on time, but based on camera. Each instance of the multi-granule ESDT contains data for the same time period, but for a different camera.

"The resolution and the verification statements in this NCR are incorrect and should be withdrawn as they are based solely on an assumption. The workaround mentioned is also based on the same assumption which is inaccurate, therefore the workaround will not work.

"Since another NCR is open on the multi-granule ESDT issue, I recommend to the NCR board to close as a duplicate of: NCR 16745. Thank you."

14463 - The resolution to this problem is not clear. "What did you do to resolve this?"

Brian K. Engle
Tracking Ticket Administrator

***** History *****

wwwweb 980604 090703 Submitted by g.e.Engle from magician.larc.nasa.gov
xdds 980604 143844 N -> A (Assigned-to cbories) by cbories
xdds 980605 151455 Enclosure "Analysis" added by cbories
xdds 980605 151457 A -> R (Recommend-change = source code) by cbories
xdds 980625 083941 Enclosure Resolution added by cbories
xdds 980625 083941 R -> T by cbories
xdds 980901 131338 Enclosure "Verification" added by dpinder
xdds 980901 131338 T -> V by dpinder
xdds 980904 112538 Enclosure "Closure" added by sbarrier
xdds 980904 112538 V -> C by sbarrier

ECSed11447 Role selection fails during FOS_LOGIN (unknown error) 011998 Please describe the problem you are experiencing below, including what you did, what you expected to happen, and what actually happened:

Attempted to select a user role after logging into the FOS system, received the following error message: "FuUaUserRoleWin::RequestConnection :caught and unknown error!". Closed the error dialog window. Verified that the "FoPIRequestReceiver" process was down. Tried the two known workarounds for the FoPIRequestReceiver" (IST/Resource Pool Manager). The workarounds did not work. Seized FOS role selection efforts and killed the remaining FOS processes on the UserStation. Data Server and Real Time Servers were brought down. The User Station and servers were brought up again. The problem was resolved.

dwomack
1/13/98

ECSed06047 Capability for Handling Products with No ICD Undefined 041097 SEO POC suggests that SEO Release B0 System Engineering team prepare Release B0 NCR if there is no acceptable workaround for this problem. The NCR resolution could suggest that the NCR be considered after Release B0 RRR by the M & O Release B0 CCB for investigation of a solution and incorporation into the M & O baseline after Release B0 RRR.

ECSed11947 Database tables missing for D3 Tape. 020398 The following tables were added to the STMGT database:

Scheduler
Reservations
Request

Background:
The following error message was received for D3 Tape

RequestListTable:Add:Invalid attempt to insert into DB

The Drop 3 code referenced these tables but did not create them. They were referenced in Drop 2. Since Drop 2 was delivered to GDAAC, the schema was available there in order to create the tables. The tester created a .sql script to create the tables in STMGT at EDC. This was performed BEFORE the mandate that everything is to be taken ONLY from the SMC. The patch file is located in /usr/ecs/TS2/CUSTOM/dbms/stmgtpatch3.02.sql at EDC.

Impact:
If this workaround was not performed, test would have lost valuable time waiting for a patch to solve this problem.

Gordon Brandyburg (2/3/98)

This is a clone of ECSed11945 forwarded to Rel_B0_Informal's RelB0_STMGT project.
ECSed12847 The SDSRV GUI run script was not delivered in the Drop 4 installation 030698 NCR ID:
ECSed12809 Status: CLOSED Submit Date: 980305
NCR Class: REL_B0_INFORMAL Project: RelB0_SDSRV Enclosures: 6

NCR TITLE....
Science Data Server GUI Startup Script Missing

DETECTION INFORMATION....	REVIEW-ASSIGN INFORMATION....
Build Name[*]: Drop 4	Evaluate Engineer: adupree
Test Site[*]: EDF	Assigned To: adupree
Detection Method[*]: Planned Test	Iteration [*]: Drop 4
Detected-In-Phase[*]: Installation	
Build ID: N/A	
Test Case ID: N/A	
Platform ID: S	
Severity (1=Showstopper)[*]: 2	
Need fix by [*]: Emergency	
Mode [*]: Other	

SUBMITTER INFORMATION....
Submitter: kcockeri

NCR ID: ECSed12809 Status: CLOSED
NCR Class: REL_B0_INFORMAL Project: RelB0_SDSRV

TO BE FIXED INFORMATION....	VERIFICATION INFORMATION....
Problem Type[*]: source code	Test Status (Pass/Fail)?: P
Recommended Change[*]: source code	Elapsed Test Time (Hrs): 1
Est. Fix Time (Hrs): 2	Verification Site[*]: EDF
Est. Compl. Date (yymmdd): 980313	Verified Build ID: n/a
Related NCR ID: N/A	Verified Platform ID: S

CLOSING INFORMATION....

RESOLUTION INFORMATION....	Closing Reason[*]: Fixed
Resolution[*]: source code	CCR#/NCR#: none
Resolved by: adupree	Closing accepted by: sbarrier
Indicate_SLOC[*]: Added	
Num_SLOC: 30	
Fixing Time (hrs): 2	
Documentation affected (Y/N)? N	
Affect CSCI: SDSRV	

***** Problem *****

PROBLEM DESCRIPTION....

K. Cockerill, 03/05/98: There is no startup script for Science Data Server in DEV04 Functionality Lab software. Couldn't find one in /usr/ecs/DEV04/CUSTOM/utilities. Expected to find EcDsSdSrvGuiStart. Attempted to workaround this by entering command line but couldn't get GUI to come up. Entered the following:

```
EcCoScriptlib start_server -noclean DEV04 DSS EcDsSr EcDsSdSrvGui
```

K. Cockerill, Status, 03/06/98: As a workaround, copied EcDsDdistGuiStart to EcDsSdSrvGuiStart and modified the appropriate variables. This was done in /usr/ecs/DEV04/CUSTOM/utilities directory. Then brought up SDSRV and then successfully brought up SDSRV GUI using this new script.

***** Impact *****

IMPACT....

Will require start up script to run SDSRV GUI. We need this GUI to start exercising it in functionality lab. May also have this problem in Stability Lab.

***** Analysis *****

Please describe your Analysis:

The script EcDsSdSrvGuiStart needs to be created and added to the .install file.

***** Resolution *****

Please describe your resolution to this problem:

Added the EcDsSdSrvGuiStart script and referenced this script in the .install file.

***** Verification *****

Please describe your verification:

I verified that the script EcDsSdSrvGuiStart is now delivered as part of the SDSRV Gui installation. It resides in the following directory:

/usr/ecs/<MODE>/CUSTOM/utilities.

***** Closure *****

Describe the Reason for closing this NCR?

The NCR Board approved this NCR to be Closed on 6/12/98.

***** History *****

xddts 980305 172912 Submitted to RelB0_SDSRV by kcockeri
xddts 980305 180147 Enclosure "Problem" added by kcockeri
xddts 980305 180221 Enclosure "Impact" added by kcockeri
xddts 980306 153031 enclosure "Problem" edited by kcockeri
xddts 980310 083604 N -> A (Assigned-to adupree) by adupree
xddts 980310 151224 Fields modified by sbarrier
xddts 980312 152550 Enclosure "Analysis" added by adupree
xddts 980312 152550 A -> R (Recommend-change = source code) by adupree
xddts 980318 140407 Enclosure Resolution added by adupree
xddts 980318 140407 R -> T by adupree
xddts 980610 102525 Enclosure "Verification" added by adupree

xddts 980610 102525 T -> V by adupree
xddts 980615 133352 Enclosure "Closure" added by sbarrier
xddts 980615 133352 V -> C by sbarrier

ECSed14347 SSIT: Cannot overwrite ESDTParams when registering PGE 042798
To workaround the problem, update the PIESDTParam table in the
PDPS database by had with the correct values for paramName,
paramType and/or containerName. To do this you must log
into the PDPS database using isql.

-- M. Mauthe

ECSed14547 IOS Database Scripts needs permissions 050598 PROBLEM DESCRIPTION...

In ECS Assist TS3 mode the database scripts for advertising did not
add the user and create permissions for the user in TS3 mode, against IOS.

-----WORKAROUND-----

A workaround was done, but the script needs to be changed so that the
information is automatically generated.

ECSed16247 DDICT: Database rejects long SuggestedUsage strings; can't Install ESDTs 071598 It was
determined that the limit for the length
of the field in the DDICT database for this parameter
is 80 characters.

Modifying the descriptor by truncating the SuggestedUsage
VALUE to "The AGP file" and re-installing the ESDT worked.

Tom A. 15-Jul-98

ECSed16447 Occasionally Subagent Does Not Come Up Successfully after Reboot 072598 Please
describe your Analysis:

More information is needed to determine the nature of the problem. This
could be a known infrastructure problem in which old GroupName entries are
not removed when a server is restarted.

The workaround is to purge the stale SubAgent GroupName entries using CDSbrowser,
prior to starting the SubAgent. Once this is done, the SubAgent can be
communicated to via OpenView, and a server can bind with the SubAgent.

ECSed18147 (IDG Script) Ingesting EDOS Ancillary data at DAACs other than GSFC 092898
The scripts are only a workaround until we deliver 5A with this capability.

Per Joe Guzek on 9/30/98

ECSed03448 File DpAtEnv.csh left out of delivery 091796 The file can be copied manually out
of ClearCase until
the makefile install target is fixed.
This must be done before running the DAAC install script DpAtINSTALL.

File location is

/ecs/formal/PDPS/REL_A/DPS/SSIT/bin/sun5/DpAtEnv.csh.template

The file must be copied to the bin directory where rest of the SSIT executables reside.

Tom

17-Sep-96

ECSed09348 SBSRV: clear text password in the database should be encrypted. 100897 PROBLEM DESCRIPTION....

When running the Subscription server FTTPush tests, the tester's username and password were stored in the database in the text form.

They should be encrypted.

After talking to the developer, we found that there is a workaround (though it has not been tested yet):

As long as the tester's directory is set to be writable by others, then the password can be entered with any characters.

Look into removing the password dependency. The user community is not going to like giving the DAAC operator their password in order to submit a subscription for an ftpush.

ECSed11748 PRE: Core dumps when selecting "New" from menu while "Orbit" button selected 012998 Please describe your Analysis:

Modification necessary to the PRE_GUI code such that orbit-based calls are not made for non-orbit-based PGEs, especially when no PGE is specified.

See PROBLEM and IMPACT statements for workarounds and impacts.

This problem was introduced by fixing NCR #ECSed10997

ECSed16348 SUDO-Root software needed at the DAACs for Drop 4P1 072198 Please describe your Analysis:

Development are continuing to work on a solution that does not require root access for the tape servers. In the meanwhile, we are making sudo available at the SMC for download by the sites. However there is an even simpler workaround: start the servers as root. Bob Cavey has verified this at GSFC and Gordon Brandyburg has verified it at EDC.

ECSed17948 STMGT GUI ServerId can't modify 091898 The server ID is the primary key by which servers are identified and stored in the database. The effort to change a primary key is non-trivial, but will be investigated. The interim workaround is to delete the incorrectly named entry and insert a new entry with the correct server ID.

ECSed18248 Missing Psuedo Root scripts for D3, 8MM, & 4MM servers. 100298 Please describe your Analysis:

Ref: NCR ECSed17330

The subject scripts addressed by ECSed18248 are not even close to being considered COTS and if they were, would not reside in the utilities directory. Furthermore, these UNIX scripts, which were ftp'd from Landover and modified at EDC, during the 4PI/D3 Ingest test, are designed to use /tools/bin/sudo, which does not exist on e0dis02 or any other EDC machines.

The Analysis portion of ECSed17330 indicates that this problem has been identified and is being worked. As you can see there are several options being explored to reach a resolution. The workaround scripts still exist on e0dis02 in the TS2 utilities directory but they are not appropriate to be moved to another mode since they will most certainly NOT WORK and are not documented or CM controlled.

Dave Morgan

ECSed08249 Need IDL license on spre1sgi 081397

A workaround is available via other machines.

ECSed18464 ContributionDriver : Removal of Adverts by LIKE may give wrong results 101598
IMPACT....

Uncertainty about exactly what a deletion has deleted.

Workaround exists. Use the "like" choice of the IOS ContributionDriver test driver to delete the ESDT. Yes, this may result in deleting more than the one desired ESDT, but the added step to complete this workaround is to reinstall more than the one deleted ESDT.

Deleting an ESDT by version ID in the Advertising Database fails because the events in the ADSRV are not associated with the ESDT when those events are inserted into the ADSRV from SUBSRV. SUBSRV needs to get the AdvID from the ADSRV associated with that ESDT of the event ad about to be inserted, and include that as part of the insertion.

ECSed18849 IOS installation EcNsServerUR.map is not generated. 102798
IMPACT....

Due to this we can not start the server. The workaround is to install DMS servers in the mode.

ECSed07750 Problem with FORTRAN Temp IO tool 070397 NCR ID: ECSed08395

Status: CLOSED Submit Date: 970703

NCR Class: REL_B0_INFORMAL Project: RelB0_Toolkit Enclosures: 7

Deferred-on: 970730

NCR TITLE....

Problem with FORTRAN Temp IO tool

DETECTION INFORMATION....

REVIEW-ASSIGN INFORMATION....

Build Name[*]: Evaluate Engineer: khalsa
Test Site[*]: LaRC DAAC Assigned To: khalsa
Detection Method[*]: source code Iteration [*]: 97/10/24
Detected-In-Phase[*]:
Build ID:
Test Case ID:
Platform ID: hp
Severity (1=Showstopper)[*]: 3
Need fix by [*]: 970703
Mode [*]:

SUBMITTER INFORMATION....

Submitter: elarson

NCR ID: ECSed08395 Status: CLOSED
NCR Class: REL_B0_INFORMAL Project: RelB0_Toolkit

TO BE FIXED INFORMATION... VERIFICATION INFORMATION....
Affect CSCI: ?? Test Status (Pass/Fail)?: P
Problem Type[*]: source code Elapsed Test Time (Hrs): 1
Recommended Change[*]: source code Verification Site[*]: EDF
Est. Fix Time (Hrs): 1 Verified Build ID: ALL_TKS_970926
Est. Compl. Date (yymmdd): 970930 Verified Platform ID: hp
Related NCR ID: N/A

CLOSING INFORMATION....
RESOLUTION INFORMATION... Closing Reason[*]: Fixed
Resolution[*]: source code CCR#/NCR#: None
Resolved by: khalsa Closing accepted by: ddt
Indicate_SLOC[*]: Combination
Num_SLOC: 10
Fixing Time (hrs): 1
Documentation affected (Y/N)? N

Page 2/2

***** Problem *****

Please describe the problem you are experiencing below, including what you did, what you expected to happen, and what actually happened:

These two problems are related:

This is Toolkit user support log number 970619:

I have encountered the following problem with the Release A version of the toolkit. I had never used PGS_IO_Gen_Temp_OpenF before, but at delivery it looks like we will need to do this. When I make my fortran call

```
ierr=pgs_io_gen_temp_openf(PGSd_IO_Gen_Endurance,42998,PGSd_IO_Gen_WSeqFrm,0,MOPDiag_u  
nit)
```

I get back:

```
ierr= 11792 Attempt to do FORTRAN Open with STATUS=OLD failed!
```

Now with an open for write, the file should NOT exist. When I put an empty file in the correct location, I get back:

```
ierr= 11279 File exists! Changing access mode from Write to Update
```

This verifies that my PCF file is set up properly. Is there a bug in this routine?

--

Cheryl Craig cacraig@ncar.ucar.edu
NCAR Voice: (303) 497-2901
P.O. Box 3000 Fax: (303) 497-2920
Boulder, CO 80307

This is Toolkit user support log number 970614:

I have a question about intermediate files.

When I try to open a file listed in the INTERMEDIATE OUTPUT section of the PCF, the Toolkit is unable to find the logic id. I've tried using the duration=1 flag in the open routine, but that doesn't help.

Is the INTERMEDIATE OUTPUT section of the PCF searched for logic ids when a file is opened? I assume that it should be, but it appears not to be. I've also had trouble with the INTERMEDIATE INPUT section.

I am using Toolkit version 5.1.1.

Thanks.

Joe Stassi

=====

SAIC - CERES Data Management Phone: (757) 827-4887
One Enterprise Pkwy Suite 250 FAX: (757) 825-4968
Hampton, VA 23666 e-mail: j.c.stassi@larc.nasa.gov

=====

***** Analysis (Added 970715 by khalsa) *****

THIS NCR really points out two errors, one is a user error and one is a Toolkit design flaw (bug in the code).

1) USER ERROR

The proper use of the Toolkit Temp IO tools is to NOT put a name in the Process Control File (PCF). The problems reported by the users (see attachment "Problem") are due to the users attempting to "determine" the name of the temp file that they would like to use and adding an entry to the PCF for this logicalID / file name before running their PGEs.

This is an incorrect procedure. The Toolkit GENERATES temporary file names AT RUNTIME. Users may not choose temporary file names. Furthermore, the Toolkit adds the file entry to the PCF AT RUNTIME. If a filename already exists in the PCF for a given logical ID in the Temporary output section of the PCF, the Toolkit assumes that IT has already generated this file and therefore that the file ALREADY exists on disk (the Toolkit does NOT actually check to see if the file already exists since by design no entry can exist in the PCF unless the file has ALREADY been created.

The solution to the users' problems is to simply delete any entries they may have added to their PCF for Temporary (INTERMEDIATE) output files.

2) TOOLKIT BUG

Cheryl Craig of MOPITT has reported that when she follows the above advice she is getting a core dump.

This turns out to be an error in the Toolkit code. The erroneous code is

in the file PGS_PC_GetPCFTemp.c located in the Toolkit src directory under the PC sub-direcory (\$PGSHOME/src/PC).

The code contains basically two errors.

The first is that the code attempts to retrieve the value of the environment variable PGS_PC_INFO_FILE. The value of this variable should be the name and path of the PCF. The code however assumes that the name MUST include a path and checks for the character '/' in the retrieved value of the variable. If no '/' character is found the Toolkit branches to report an error saying that the environment variable PGS_PC_INFO_FILE has not been set, even though it has been set and arguably is even set to a valid file name (without a path the name will only be valid in the local directory). The code should be fixed to handle this case (i.e. a file name is provided without a directory path prepended). NOTE: users can avoid this problem by using full or even relative paths when setting the environment variable PGS_PC_INFO_FILE (e.g. use "./PCF.relA" NOT "PCF.relA").

The second problem is with the following code (lines 173-174 from PGS_PC_GetPCFTemp.c):

```
PGS_SMF_GetMsgByCode(returnStatus,msg);
sprintf(buf,msg,returnStatus);
```

Here the value of msg returned in the first call (to PGS_SMF_GetMsgByCode()) will be:

Environment variable not set: %s

This is used as the formatting string in the subsequent call to sprintf(). The problem is that the variable passed to sprintf() to be printed (i.e. returnStatus) is an integer and NOT a string as indicated by the %s in the format string. This is causing the code to core dump in some cases.

A code change is required to fix this problem. The line:

```
    sprintf(buf,msg,returnStatus);
```

should be replaced with the line:

```
    sprintf(buf,msg,PGSd_PC_INFO_FILE_ENVIRONMENT);
```

Although actually the whole branch of code should be eliminated since this is only encountered when a slash is not found in the value of the environment variable PGS_PC_INFO_FILE (see comments above).

***** Status 7/30/97 (Added 970730 by dfoch) *****

No software modifications will be done at this time. Users are expected to follow the workaround procedures described in the analysis.

This trouble ticket should remain open and will resolved at a later date.

***** Deferred *****

Describe your Defer reason:

The software will be fixed at a later date, but the users have been provided with instructions on how to avoid the problem, in the Analysis of this report.

***** Resolution *****

Please describe your resolution to this problem:

The source code in the file PGS_PC_GetPCFTemp.c was modified to allow for the case that the environment variable PGS_PC_INFO_FILE is set to a file ONLY (as opposed to a file PATH and a file NAME).

The test for a '/' character has been removed as a critical test of whether or not the variable PGS_PC_INFO_FILE has been properly set. The case that this variable is set to just a file name is now handled gracefully.

An instance of assigning an integer to a string formatting character in a printf() statement has been removed.

***** Verification *****

Please describe your verification:

This NCR# 8395 goal is to verify that the PGS_PC_INFO_FILE pointer can be set to the PCF file without a pathname /PC/PCF specified when associating the environment variable.

Executed the following test steps:

```
setenv hp
cd /toolkit1/gwinters/TOOLKIT/bin/hp
source pgs-dev-env.csh
setenv PGSTK_TST_SRC $PGSTST/test_drivers
cd $PGSHOME/test/test_drivers/PC
$PGSTK_TST_SRC/Common/createPCF.csh PC
setenv PGS_PC_INFO_FILE PCF (without a pathname)
setenv PGSTK_TST_BIN .
cd $PGSHOME
cd test/test_drivers
cd Common
cleanup.csh
runTests PC
```

Verified that all PC driver output files were generated -
which verifies that the pointer association did not core dump and
the execution was successful. (Correct)

***** Closure *****

Describe the Reason for closing this NCR?

Directed by NCR review board.

***** History *****

xddts 970703 133401 Submitted to TT by elarson@puff
xddts 970703 134505 Enclosure "Problem" added by elarson
xddts 970703 134531 N -> A (Review-Assign to ctsai) by elarson
xddts 970715 154823 Enclosure "Analysis" added by khalsa
xddts 970716 085222 Forwarded from TT to SDE by rhendry
xddts 970717 131741 A -> A (Review-Assign to ray) by elarson
xddts 970721 160641 Enclosure "Solution and Impact Analysis" added by kloya
xddts 970730 132727 enclosure "Solution and Impact Analysis" deleted by dfoch
xddts 970730 133430 Enclosure "Status 7/30/97" added by dfoch
xddts 970730 134116 Enclosure Deferred added by ray
xddts 970730 134116 A -> P by dfoch
xddts 970819 124819 Cloned from ECSed07453 (SDE) by elarson
xddts 970819 124819 Parent & Children Links Removed.
xddts 970819 152432 N -> A (Assigned-to khalsa) by khalsa
xddts 970929 122019 A -> R (Recommend-change = source code) by khalsa
xddts 970929 122416 Enclosure Resolution added by khalsa
xddts 970929 122416 R -> T by khalsa
xddts 971003 152619 Enclosure "Verification" added by gwinters
xddts 971003 152619 T -> V by gwinters
xddts 971006 184354 Enclosure "Closure" added by ddts
xddts 971006 184354 V -> C by ddts
xddts 971212 095040 Forwarded from Toolkit_RelB0 to RelB0_Toolkit by tonyw
xddts 971212 095355 N -> C by ddts

ECSed14250 Double segmented ATC load does not complete 042398 The reconnecting code was
added as part of another DR. After discussion
with Ed, it was agreed to back out the reconnection changes.

As a workaround - The Load Queuer will need to be started everytime that
the schedule controller is brought down (or dies).

- David

ECSed16450 Email Parser won't work when sending email from same machine 072798
IMPACT....

Can't send mail from the machine that email parser is running.

There is no workaround.

ECSed16450 Email Parser won't work when sending email from same machine 072798 Please describe your resolution to this problem:

There are 2 solutions. One is a workaround by modifying the sendmail.cf.

The following line is added to sendmail.cf.

```
R$-    $@    $1    $j    user->user@hub
```

The second solution is a permanent solution. We have modified the script, that is the email parser script, which will pick domain name and attach it to a email address if this email is mailed from local machine the same as the script resides by mapping hostname to domain name from uname and nslookup scripts.

ECSed16450 Email Parser won't work when sending email from same machine 072798 Fail in change mail configuration. The work around that development gave was not accepted at GSFC. CCR was not approved for GSFC DAAC (CCR#98-0970).

Work around:

To have subscription sends mail to an intermediate account. Then, have that account to forward mail to the parser.sh alias.

ECSed16750 The local and remote subdirectories are created in wrong directory 080598 Please describe your Analysis:

These instruction need to be added to the installation procedures.

The directory hierarchy needs to be made up to data

(e.g /usr/ecs/<MODE>/CUSTOM/data)

Then a link needs to be created from the raid (/icl/t1icg01/data) to data (/usr/ecs/<MODE>/CUSTOM/data).

So, data/INS is physically seen on the raid.

Kevin Krout

I'm looking into the fix for this NCR. It seems to be some confusion if the link is ok where it is now or do we need to move it under data/INS/.

Workaround

Intructions have been added to the workaround document for individuals at each DAAC to create these directories them self.

ECSed17450 SDSRV ct_cancel fix 082698 IMPACT....

When queries are run in SDSRV that exceed the configurable row limit, the workaround solution allows the query to go to completion. This allows the SQL to perform much additional, wasted work than would otherwise be necessary.

The will slow down SDSRV response to its clients and contribute to adverse SDSRV, SQS, and SQL server performance.

Need to debug the issue in the SDSRV, Sybase Client, or SQS so that the code can cancel a DB comand without blowing away the DB connections.

ECSed18406 Install/Toolkit: Sym links missing on science processor 100998
Workaround is to create these sym links manually.

Tom A. 9-Oct-98

ECSed04051 PGE_SCHEDULE_TYPE not set for new PGEs in PDPS database 102296 Each time
DpAtPdpsDbUpdateScience is used to add a new PGE
to the database, use isql to add the missing parameter manually:

```
mojave:~> isql -Uplang_dev  
Password: plang_dev
```

```
1> update PGE_MASTER set PGE_SCHEDULE_TYPE='T' where PGE_ID='toma#1'  
2> go
```

(substitute the new PGE ID for "toma#1" in the above.)

or to set all PgeIds in the table at once (this is the only allowed
value in Rel A anyway)

```
1> update PGE_MASTER set PGE_SCHEDULE_TYPE='T'  
2> go
```

Tom 22-Oct

revised 31-Oct

ECSed05651 PGE Delete option causes odd occurrences in the Application 121296 A
workaround exists to this problem. When an existing PGE is marked for delete
a user can manually manipulate the database to turn the Delete flag off.

Then the odd occurrences will cease.

Therefore I am downgrading this NCR to a level 3.

ECSed12251 URT: NES Instance Name is Hardcoded in the obj.conf 021098 PROBLEM
DESCRIPTION....

--

An error occurs while starting up an NES instance such as
https-bajoran_cls_drop40:

```
[https-bajoran_cls_drop40]: conf_init: line 17: can't open logfile  
/data1/ns-home/https-protege_cls_rcclab2dev/logs/access (libsec code -8187).
```

This is caused by the hard coded directory path (/data1) and NES instance name
(https-protege_cls_rcclab2dev) in the delivered obj.conf.

The workaround is to edit the path and instance name to reflect the local
installation.

ECSed12251 URT: NES Instance Name is Hardcoded in the obj.conf 021098 Bug ID: ECSed11015
EDAAC_TT Submitted: 971229
CLOSED defect report Review-Assigned: 980304

Being-Fixed: 980304

Software: ghostview

5 enclosures

"install ghostview on M&O"

ANALYSIS INFORMATION...

PROBLEM INFORMATION...

Evaluate Engineer: mfreche

Problem Type[*]: COTS/OS

Assigned To: mfreche

Build ID:

Affect Subsystem[*]: N/A

Server ID: n/a

Related NCR#:

Test Site[*]: EDC

Severity (1=Showstopper)[*]: 3

Need fix by (yymmdd): 980101

SUBMITTER INFORMATION...

TO BE FIXED INFORMATION...

Submitter: David Zokaites [SAC]

Problem type[*]: configuration

Address: dzokaite@puff

Recommended change[*]: configuration

Est. fix time (hrs): 1

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Bug ID: ECSed11015

EDAAC_TT

Assigned-Test: 980304

CLOSED defect report

Verified: 980304

Closed: 980304

TESTING INFORMATION..

VERIFICATION INFORMATION...

Resolution[*]: configuration

Test Status (Pass/Fail)?: P

Resolved by: mfreche

Elapsed test time (hrs): 1

Address: mfreche

Attachments (Y/N)? N (mfreche@puff)

Indicate_SLOC[*]: Added

Verified Build ID: n/a

Num_SLOC: 0

Verified Platform ID: n/a

Fixing time (hrs): 1

Verification Test Site[*]: EDC

Documentation affected (Y/N)? N

Assigned test engineer: mfreche

Verification Due:

CLOSING INFORMATION...

Closing Reason[*]: Fixed

CCR#/NCR#: None

Closing accepted by: mfreche

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***** Problem *****

Install Ghostview

To print web documents, I have entered netwcape on e0mos01 then downloaded postscript files. The downloads have aborted because

ghostview is not in my command search path. My workaround was to download the files on edcsns1. The better approach would be to install ghostview on e0mos01.

***** Analysis *****

Please describe your Analysis:

Not in /tools/bin/ghostview (per arlene fy)

***** Resolution *****

Please describe your resolution to this problem:

Put in /tools/bin/ghostview

***** Verification *****

Please describe your verification:

see resolution

***** Closure *****

Describe the Reason for closing this NCR?

***** History *****

xddts 971229 165829 Submitted to EDAAC_TT by dzokaite@puff
xddts 971229 170325 Enclosure "Problem" added by dzokaite
xddts 980304 142340 N -> A (Review-Assign to mfreche) by mfreche
xddts 980304 142423 Enclosure "Analysis" added by mfreche
xddts 980304 142423 A -> R (Recommend-change = configuration) by mfreche
xddts 980304 142452 Enclosure Resolution added by mfreche
xddts 980304 142452 R -> T by mfreche
xddts 980304 142517 Enclosure "Verification" added by mfreche
xddts 980304 142517 T -> V by mfreche
xddts 980304 142537 Enclosure "Closure" added by mfreche
xddts 980304 142537 V -> C by mfreche

ECSed12451 Update for Subscription Assigns Arbitrary User Name 022498 As mentioned in the back to T enclosure, the resolution for this NCR needs to

be clarified by development. TEST would like to address the item indicating that update capability is available via the GUI. Currently we have an open NCR (ECSed16155) indicating that subscriptions can not be updated/edited via the GUI and it is slated to be fixed in 5A. Thus this workaround is not available in drop 4PL.

ECSed13551 ISTs cannot execute local procedures 032698 Please describe the problem you are experiencing below, including what you did, what you expected to happen, and what actually happened:

Procedures contain the path reflecting where they were validated. As a result, since ISTs cannot validate procedures, if the FOT validates a procedure and FTPs the proc and the accompanying *.xdr file to the IST, the IST will not be able to execute the procedure. There is no known workaround for this problem (manually editing the *.xdr file does not work).

ECSed14551 SDSRV GUI coredumps when adding esdts 050598 IMPACT....

Cannot use the SDSRV GUI to add esdts.

Lab workaround is to use adtest to add esdts.

ECSed18251 Ingest missing data types 100298 Please describe your Analysis:

This local ticket was assigned to Susan Wenzel for database update and to Dave Morgan for directory creation.

As a workaround Susan Wenzel manually updated the Ingest database because External Data Providers lps001, lps002, lps003, lps004, lps005 are not delivered for Ingest.

ECSed18751 Non-threadsafe function calls 102198 Please describe your Analysis:

Where reentrant equivalents exist on both SGI and Sun, these non-threadsafe calls need to be replaced with their reentrant equivalents.

For calls to system() where equivalent functionality can be readily implemented using C/C++, new, MT-safe methods shall be added to DsStUtility and invoked in lieu of system().

For calls to system() where equivalent functionality can not be reasonably implemented in C/C++ (e.g., invocations of tar), a wrapper should be developed and used which blocks SIGVTALRM for the duration of the system() call. NOTE: THIS WILL SIGNIFICANTLY DEGRADE PERFORMANCE AND EFFECTIVELY ELIMINATE CONCURRENCY IN CERTAIN SERVERS! However, until a thread-safe solution can be identified and implemented, it will have to suffice as the short-term workaround for the relatively small set of calls to system() which cannot be implemented in any other manner.

ECSed10552 Process Control File Checker from SSIT Manager Doesn't Work 121197 Please describe your resolution to this problem:

I went down to the mini-DAAC lab and had Mike Theobald bring up the PCF checker on callahans. This is what we found:

Problem 1:

NCR ECSed10338

There is a mismatch between what is in the config file EcDpAtCheckPCF.CFG and where the Toolkit is installed. The config file had the path as:

/usr/ecs/mode/CUSTOM/toolkit

the Toolkit was actually installed in:

/usr/ecs/mode/CUSTOM/daac_toolkit_f77/TOOLKIT

Mike put in links to correct it on callahans. This is already fixed in drop 3 see NCR 10338.

Problem 2:

NCR ECSed10084

The binary that actually checks the PCF is named PGS_PC_Check, not pctcheck.

This is fixed in drop 3 also. We applied the workaround of copying

PGS_PC_Check to pctcheck.

Everything now works on callahans.

Ed Larson

12/12/97

ECSed04052 Defect when no plans are found in database 102296 The resolution to this is not a true fix of the problem; it is merely a work-around fix. The problem report states that the program crashes if a plan is not found. The workaround circumvented the problem by creating/inserting a plan that seems to always be found.

A true fix to this would be to implement code that eliminates the error that causes the application to crash rather than AVOID the error.

ECSed12352 PRONG: Resource Lock Bug-handling of concurrent dprs 021998 IMPACT....

1. If more than one process is modifying the resources at the same time, it can leave the processing database in an inconsistent/undefined state. The problems that may arise due to this can vary depending on what resources got incorrectly modified.
2. Other dprs can fail the integrity check, which will result in failures in the job box.

WORKAROUND: For the first problem, there is no workaround, other than the manual database cleanup which will require knowledge of what got corrupted. For the second one, force starting the failed job will solve the problem.

ECSed16752 The Preprocessing LOCALDISK directory is not created during installation 080598 Please describe your Analysis:

These instructions need to be added to the installation procedures.

The directory hierarchy needs to be made up to data

(e.g /usr/ecs/<MODE>/CUSTOM/data)

Then a link needs to be created from the raid (/icl/t1icg01/data) or

(/icl/goicg01/data) to data (/usr/ecs/<MODE>/CUSTOM/data).

So, data/INS is physically seen on the raid.

Kevin Krout

As soon as I get setup for Clear Case I will But the fix in the EcInGrandMkcfg file.

The following will be add to EcInGrandMkcfg file:

```
EcCoScriptlib check_dirs -c ${ECS_INGEST_PREPROCESSING_LOCAL_DISK}
```

Workaround

Intructions have been added to the workaround document for individuals at each DAAC to add the directory them self.

11 Sept 98

ECSed07053 LaRC newuser Script Fails 060497 Please describe the problem you are experiencing below, including what you did, what you expected to happen, and what actually happened:

The LaRC newuser script fails when run on acml4sgi because it assumes that the NIS master and the user home directory server are on the same host. This is not the configuration at LaRC; the NIS master server is acml4sgi, and the home directory server is mssl1sun.

The script was modified locally to create a temporary hard-mount point for the home directory partition, and create the new user's home directory. This required changes to the cp_dots.sh script, which needed to use the hard-mount partition name instead of "/home". The fix is a temporary workaround.

This TT is being written to request that administrative scripts delivered with RelB take site-unique configurations into account.

Author: L. L. Lee

Langley TT # 1d000007

ECSed07053 LaRC newuser Script Fails 060497 This DAAC unique configuration at LaRC was, as LLee points out, externally imposed by development. This TT doesn't apply to any other DAAC and LaRC has a workaround that can be tolerated until B.0. Recommend that this TT be cloned to B.0 with the note that externally imposed exceptions; a.should not exist and b.if it does occur, should be supported by the delivered software. Recommend cloneing to B.0 and closure as a TT in Rel A.

Modified by ematthew 7/11/97

ECSed07053 LaRC newuser Script Fails 060497 The LaRC newuser script fails when run on acml4sgi because it assumes that the NIS master and the user home directory server are on the same host. This is not the configuration at LaRC; the NIS master server is acml4sgi, and the home directory server is mssl1sun.

The script was modified locally to create a temporary hard-mount point for the home directory partition, and create the new user's home directory. This required changes to the cp_dots.sh script,

which needed to use the hard-mount partition name instead of "/home".
The fix is a temporary workaround.

This TT is being written to request that administrative scripts
delivered with RelB take site-unique configurations into account.

ECSed07053 LaRC newuser Script Fails 060497 Please describe your resolution to this
problem:

The LaRC newuser script fails when run on acml4sgi because it
assumes that the NIS master and the user home directory server are
on the same host. This is not the configuration at LaRC; the NIS
master server is acml4sgi, and the home directory server is mssl1sun.

The script was modified locally to create a temporary hard-mount
point for the home directory partition, and create the new user's
home directory. This required changes to the cp_dots.sh script,
which needed to use the hard-mount partition name instead of "/home".
The fix is a temporary workaround.

This TT is being written to request that administrative scripts
delivered with RelB take site-unique configurations into account.

Temporary work-around in place, Clone to B.0.

ECSed07453 Problem with FORTRAN Temp IO tool 070397
No software modifications will be done at this time. Users are expected
to follow the workaround procedures described in the analysis.

This trouble ticket should remain open and will resolved at a later date.

ECSed10153 PrEditor: Coredumps if not logged into DCE 112597
Log into DCE before bringing up PREditor.

Tom 11/25/97

ECSed12953 No S/C ID in the FDF Range file 031198

This code is a test driver. The code has always been dependent on the SCID
environment variable and the setting of it is not considered a workaround,
but part of normal use.

ECSed13253 ECS Assist Database Viewer Login screen doesn't fill in DSQUERY 031898 PROBLEM
DESCRIPTION....

K. Cockerill, 03/18/98: Using ECS Assist, the database viewer is used
to view the relbdss_DEV04 database. After entering the DB user, password
and database name, the DSQUERY field was going to be updated with
"comanche_sqs222_srvr" to access the Science Data Server database server.
However this field appears uneditable. The user hit the login button
and it causes the login screen/Ecs Assist to appear to hang for a few
minutes. Then a popup information box came up with "Error opening
database: sybconnect: sybconnect failed in dbopen - Check for proper
settings." User hit the OK button on this box and then got back to the
login screen where they hit cancel.

The

workaround is to set DSQUERY in the user environment prior to bringing up ECS Assist. Then the database viewer is accessible.

ECSed15053 FDF products interfering with ATC Load Generation 052298 Please describe the problem you are experiencing below, including what you did, what you expected to happen, and what actually happened:

While generating ATC load simultaneously with FDF products ingest it causes the load generation to hang in a "Waiting" status. After waiting for 2 hours we killed the load queuer, removed the lq.db config file and restarted the load queuer. Then a load was generated successfully.

This is not an acceptable workaround as ingeting of FDF products should not interfere with daily operational scenarios.

Dawn Turner
5/14/98

ECSed07054 Script cp_dots.sh Does Not Support Langley Configuration 060497
This is a case where there is a workaround for a single DAAC problem. I believe that this won't get "fixed" this side of B.0. Recommend cloning to the Release B.0 bucket and closing as a TB TT.

6/16/97 ematthew

ECSed10154 AITTL: UpdateScience fails for runtime parms with double quotes 112597 Workaround is to modify PGE to not look for double quotes.

This is a very bad long term solution, both because all CERES PGEs to date seem to be written this way, and because ECS has promised to not touch science software -- any modification must be done by the CERES team.

In other words, if there is any way to fix this, let's.

Tom 11/25/97

ECSed12554 ECS Assist not created .CFG file for Print Server 022798 IMPACT....
The printer server will not run without a .CFG file.

A workaround for installation is to copy the D3 Tape .CFG file as the EcDsStPrintServer.CFG file, and use an editor to change values consistent with turnover documentation. The .CFG file for the D3 tape server is virtually identical in format to the .CFG file for the D3 tape server.

ECSed14354 e0ais03 and e0pls02 hang 042798 Please describe your Analysis:

This problem has been observed at Landover on occasion also. The problem is an incompatibility between the SGI and Sun NFS implementations. The specific configuration that has the trouble is an SGI server being mounted by Sun clients. The workaround is to specify nfs v2 in the /etc/vfstab file. For example:

```
t1spg01:/usr/ecs/OPS/CUSTOM/ssit/t1spg01/data - /usr/ecs/OPS/CUSTOM/ssit/t1spg01/data nfs - yes rw,vers=2,bg
```

is the analogous mount in the vatc.

ECSed14255 EcCoEnvCsh does not work 042398

EcCoEnvCsh does not work

Mary, forward this to RelB0_SysBld

On e0ais03, file /usr/ecs/TS2/CUSTOM/utilities/EcCoEnvCsh was changed from drop 3 to drop 4. SSIT staff source /usr/ecs/{MODE}/CUSTOM/utilities/EcCoEnvCsh as part of initializing the SSIT unix environment. This file includes a line:

```
setenv LD_LIBRARYN32_PATH \  
${LD_LIBRARYN32_PATH}:/tools/sybOCv11.1_32/lib:/tools/rogue70_new/lib
```

The problem is that \$LD_LIBRARYN32_PATH has no value when this script is sourced so it fails with a shell error:

```
LD_LIBRARYN32_PATH: Undefined variable
```

Our workaround was to set this variable before sourcing the file. Part of our SSIT environment file now reads:

```
#provide an initial value for $LD_LIBRARYN32_PATH  
#this env var is referenced by drop 4 file  
#/usr/ecs/$MODE/CUSTOM/utilities/EcCoEnvCsh  
if (! $?LD_LIBRARYN32_PATH) then  
    setenv LD_LIBRARYN32_PATH  
endif  
  
#source environment files for each host  
if (-e /usr/ecs/$MODE/CUSTOM/utilities/EcCoEnvCsh) then  
    source /usr/ecs/$MODE/CUSTOM/utilities/EcCoEnvCsh  
endif
```

\$LD_LIBRARYN32_PATH is not referenced by the ld man page so I am wondering what the variable is used for.

ECSed14655 .EcCsCommon coded incorrectly in iu files 050798 PROBLEM DESCRIPTION....

K. Cockerill, 05/07/98: INGST package files that use .EcCsCommon.iu (.EcInINJSTSRVR.pkg and .EcInINTFCSVR.pkg) need to code their usage as:

preinstall:

```
EcCoInstall -custom .EcCsCommon.iu $MODE $STAGE_ARG $DEVOPTION CSS EcCs
```

at the end of the package file rather than:

```
%include ../CSS/.EcCsCommon.iu
```

This has been fixed as a workaround in the mini-daac within the "fallen" machine staging area:

```
/net/fallen/data1/Drop4P_Test/drop4P_sgi/CUSTOM/.installed/INS
```

Workaround was not applied to sun version of staging area because these

packages only get placed on SGI boxes.

"huckfinn" as noted in the primary portion of the trouble ticket was where the installation of .EcInINJSTSRVR.pkg was taking place when this occurred (in TS3 mode).

ECSed16455 DCE communication problem on t1icg01 in VATC 072798 IMPACT....

This problem has occurred intermittently on both t1icg01 and t1acg01 in the VATC. When it occurs for the 1st time it seems to then occur continually or at least very frequently. Sometimes warm restarting the servers lets the data be successfully ingested and archived and sometimes not. This problem will then occur on the next ingest request. Data fails to get archived. This problem greatly impacts the testing process and the ingest of data.

WORKAROUND....

As stated above sometimes warm starting the servers will temporarily workaround the problem but not always. Restarting servers one after another to get the data ingested is very cumbersome and will not be acceptable in an operation environment. In the testers opinion no viable workaround exists for this problem.

ECSed12756 ECS ASSIST: mkcfg failed for EcInGUI on t1dps04 (SUN) 030598 IMPACT....

The Ingest GUI will not come up without it's configuration files. This impact is minimal since there is a simple workaround in Drop 4 (see below).

WORKAROUND....

Execute the mkcfg option of ECS ASSIST for the EcInGUI on the SGI platform (t1icg01) and then ftp it's configuration files from t1icg01 to t1dps04.

ECSed16856 PGE Exec: PGE did not get killed when DPR was killed during Exec job 080798 To avoid the stated problem, the operator via the autosys gui should issue a KILLJOB event to the individual job that is running. After making sure that the individual jobs in the job box are either killed/completed/failed (i.e., no job within the job box is active) the operator should issue a cancel dpr from PRE.

This workaround may be cumbersome when the operator chooses to cancel a production request as opposed to a single dpr.

-- Naga Hariharan

ECSed17256 Make Number of Catalogs A Configurable Parameter 082098

There

really is no workaround for this NCR, however the 4PL Aqua patch was to have upped the number of catalogs from 3 to 15, allowing for more simultaneous processing until the number of catalogs is made configurable.

ECSed17356 V0Gateway Does not Send Status back to EDC DORRAN after L7 Acquire 082498
PROBLEM DESCRIPTION....

During the testing for Landsat 7 Billing and Accounting workaround, an acquire was entered for L7 WRS Scene. The order was successfully sent to EDC for DORRAN processing, but when DORRAN sent the order back here for processing, V0 did not send back an acknowledgement. So DORRAN timed

out.. Status message need to be sent back to DORRAN and or any client.

ECSed17356 V0Gateway Does not Send Status back to EDC DORRAN after L7 Acquire 082498
IMPACT....

L7 Billing and Accounting test Launch critical

There is no workaround

ECSed18256

GUIs too large on PCs 100298 Please describe your verification:

Refer to Resolution/Analysis Description

11/11/98

kdowling@kryos.colorado.edu

Remarks from Cathy Copeland: copeland@kryos.colorado.edu

As I mentioned, all of the GUIs across the board are too large for the PC monitor. Changing the resolution does not help; it just puts a black border around the area that was previously off the screen. Trying to resize the window does not work either, that just "squashes" function buttons and messes up type.

For most GUIs the too-large size is only a nuisance and I can still get to all the functionality I need. However, for at least 2 of them the GUIs are totally unusable as the function keys are far below the bottom of the screen and cannot be accessed in any way. These EcMsAcRegUserGUI and EcMsAcOrderGUI, both on mss21. I'm not asking for the GUIs to be re-sized to fit any screen, I would just like scroll bars to be added to these and all other GUIs to make them usable in any environment.

Obviously another workaround is for me to go upstairs to use these GUIs when necessary, but I don't think it's unreasonable to want to be able to work on my primary workstation.

- Cathy

ECSed10357

B0SOT Crashes When Browse Submitted 120897 PROBLEM

DESCRIPTION....

Major B0SOT Severitiy 1 problem developed during final dry run for Landsat IF Test on 12/6/97

When Browse request is entered for L7 Browse data granuales, B0SOT screen disappears and SEGMENTION FAULT - CORE DUMP is displayed in UNIX window.

The function was working earlier in the day, but one the problem started it was consistent. The problem was in TS1 mode, by various users. Other modes could not be checked as there was no data.

Sunil Chaudhari will provide the test steps.

A fix or workaround is required for the 12/8/97 ECS I/F Landsat7 test in the VATC.

ECSed06457 DELSRV: Currently blocking; must be non-blocking for RCC 050297

Please describe your verification:

This was corrected and verified by the developer following the RC-2 Demo last summer. This was written to document a temporary workaround. ECSed13657 "CANCEL" button under report generator doesn't work 033098 Please describe the problem you are experiencing below, including what you did, what you expected to happen, and what actually happened:

Scenario is to bring up report generator from Common Desktop Environment (CDE). CANCEL button doesn't work after a report request is submitted. If no report is requested, the report generator window can be closed by the CANCEL button, however, the report generator process remains. The workaround is window can be closed by clicking the upper left hand corner of the window then choosing 'Close' option. Using 'Close' option to close report generator window would not kill the report process. To remove the report generator process, do 'kill -9 ProcessID' at the Unix prompt.

Stephanie Lee
EDF2.1.5E4 03/30/98
ECSed13757 Add info to EcCoEnvKsh 040298
Need more info - why was this done - what subsystem specifically needed this to operate properly. This workaround is not really the "right" fix and we need to investigate the real problem.

ECSed16857 EcPICleanup not on l0pls01 and l0sps03 080798 NCR ID: ECSed15466
Status: CLOSED Submit Date: 980610
NCR Class: REL_B0_INFORMAL Project: RelB0_PLS Enclosures: 6

NCR TITLE....
EcPICleanup script missing from t1pls01

DETECTION INFORMATION....	REVIEW-ASSIGN INFORMATION....
Build Name[*]: Drop 4P	Evaluate Engineer: xihaihu
Test Site[*]: EDF	Assigned To: xihaihu
Detection Method[*]: Engineering Test	Iteration [*]: Drop 4P Landsat
Detected-In-Phase[*]: Installation	
Build ID: none	
Test Case ID: none	
Platform ID: t1pls01	
Severity (1=Showstopper)[*]: 2	
Need fix by [*]: Critical	
Mode [*]: TS2	
Trouble Ticket:	

SUBMITTER INFORMATION....
Submitter: wgoodman

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NCR ID: ECSed15466 Status: CLOSED
NCR Class: REL_B0_INFORMAL Project: RelB0_PLS

TO BE FIXED INFORMATION....	VERIFICATION INFORMATION....
Problem Type[*]: configuration	Test Status (Pass/Fail)?: P
Recommended Change[*]: configuration	Elapsed Test Time (Hrs): 1

Est. Fix Time (Hrs): 4 Verification Site[*]: EDF
Est. Compl. Date (yymmdd): 980620 Verified Build ID: Drop 4P Landsat
Related NCR ID: N/A Verified Platform ID: t1pls01

CLOSING INFORMATION....

RESOLUTION INFORMATION.... Closing Reason[*]: Fixed
Resolution[*]: configuration CCR#/NCR#: none
Resolved by: xihaihu Closing accepted by: sbarrier
Indicate_SLOC[*]: Added
Num_SLOC: 5
Fixing Time (hrs): 4
Documentation affected (Y/N)? N
Affect CSCI: none
Merge Build Id: Page 2/2

***** Problem *****

PROBLEM DESCRIPTION....

The EcPICleanup script was not delivered to t1pls01 in the VATC.
However the script was on t1pls02. The workaround was to ftp to t1pls01
from t1pls02 and chmod 755. to complete installation.

***** Impact *****

IMPACT....

Need script to complete installation.

***** Analysis *****

Need to include the cleanup script in the Imakefile's
deliverables section so that it can be delivered to
DAAC.

workaround:

See the "problem" section.

***** Resolution *****

Please describe your resolution to this problem:

Added in /ecs/formal/PDPS/PLS/.EcPISubMgr.iu the script
EcPICleanup, so that even someone only does a install

for PlSubMgr, this script will be delivered.

Added in /ecs/formal/PDPS/PLS/sybase/Imakefile the script EcPIDbClean as a deliverable. So that this script will be delivered to the DAACs.

***** Verification *****

Please describe your verification:

The NCR Scrub on 9/17/98 determined that this NCR could be closed due to previous installation problems that have since been overcome.

***** Closure *****

Describe the Reason for closing this NCR?

see verification

***** History *****

xddts 980610 181938 Submitted to RelB0_PLS by wgoodman
xddts 980610 182001 Enclosure "Problem" added by wgoodman
xddts 980610 182042 Enclosure "Impact" added by wgoodman
xddts 980610 182212 Fields modified by wgoodman
xddts 980610 184002 N -> A (Assigned-to xihaihu) by xihaihu
xddts 980611 093558 Enclosure "Analysis" added by xihaihu
xddts 980611 093558 A -> R (Recommend-change = configuration) by xihaihu
xddts 980611 151523 Enclosure Resolution added by xihaihu
xddts 980611 151523 R -> T by xihaihu
xddts 980612 125131 Fields modified by sbarrier
xddts 980612 125207 Fields modified by sbarrier
xddts 980917 142551 Enclosure "Verification" added by sbarrier
xddts 980917 142551 T -> V by sbarrier
xddts 980917 142604 Enclosure "Closure" added by sbarrier
xddts 980917 142605 V -> C by sbarrier

ECSed18057 MSS mail server .pl scripts need to remove Apparently-To field 092498 IMPACT....

29 acquires are performed instead of 1.

WORKAROUND....

No known workarounds at this time.

ECSed18057 MSS mail server .pl scripts need to remove Apparently-To field 092498 Please describe your Analysis:

Was able to recreate this problem only when using /bin/mail without the -t option. Without the option, a "To:" line is not created and passed to the script. Will modify the script to exclude the Apparently-To: line in the header. A workaround is to use /bin/mail -t <address>.

ECSed18057 MSS mail server .pl scripts need to remove Apparently-To field 092498 The workaround discussed in the analysis may not be feasible since the messages with the "Apparently-To" field are coming directly from ASTER. To implement this would require that ASTER use this workaround to generate their EDRs. If they are generating their EDRs automatically in order to avoid having to create their mail header, it probably will require some type of code change.

Furthermore, when we began testing this 2 weeks ago, GSF had an older version of sendmail then we have here at Landover. This version of sendmail was adding an Apparently-To field to the mail header when invoked as "/usr/lib/sendmail -t". Therefore I suspect that this workaround is also dependent on the version of /bin/mail being used. According to RTSC, we have no baseline version for sendmail which may lead to more mail related issues in the future.

ECSed02758 Problems bringing up & down PAS on Data Server 073096 Please describe the problem you are experiencing below, including what you did, what you expected to happen, and what actually happened:

When the processes are killed on the dataserver, The Planning and scheduling processes sometimes do not come up correctly. The problem seems to be twofold: 1) The PAS Name Server database contains lots of defunct addresses, and 2) The PAS config files are not always left in a consistent state. The workaround is to run the "restore" script in the config directory and to delete the sns_register_pst table in the database prior to bringing up the data server.

ECSed04958 PGE Delete option causes odd occurrences in the Application 121296 A
workaround exists to this problem. When an existing PGE is marked for delete a user can manually manipulate the database to turn the Delete flag off.

Then the odd occurrences will cease.

Therefore I am downgrading this NCR to a level 3.

ECSed12058 FtpPullServer Mkcfcg in ECS-Assist needs corection 020998
IMPACT....

Known workaround.

ECSed12558 Unable to write to a 8MM tape drive. 022798 Please describe your Analysis:

This is a configuration issue see enclosure (Pending Correct Installation) and a possible database setup issue.

03/19/98:

Stored procedures are using a ClearCase path which is not available at the sites. The workaround is to create the necessary path and populate it with the stored procedures. However, the correction

which is being worked on is to read the stored procedures from the database, rather than from a directory.

03/24/98:

The fix to this problem is in process and will be merged to baseline on 3/03/25/98.

ECSed12558 Unable to write to a 8MM tape drive. 022798 Verification supplies a workaround for a problem which was hidden by this NCR and is being tracked under NCR 16339. The work around for NCR 16339 is presented in the Verification enclosure. It is not an ops procedure, simply a work around until 16339 is merged. Correction, the NCR that was tracking the problem hidden by 12558 was 16299 not 16339.

ECSed13758 Add info to EcCoEnvKsh" 040298
Need more info - why was this done - what subsystem specifically needed this to operate properly. This workaround is not really the "right" fix and we need to investigate the real problem.

ECSed14158 EcInReqMgr, EcInGran1, EcInGran2 Severs fail during startup 041898 State change information:

8/5 (C. Whitaker)

This NCR was changed from T to R because only a workaround was provided. The issues have not been totally resolved, therefore, Test cannot provide a verification of completeness.

Since there is a workaround, the severity will be changed to 2.

ECSed15258 DPS: Cannot Acquire MCF in AutoSys 060298 After looking at the log files it looks like the advertising sever was not up or atleast not pingable when this error happened. Needs more analysis to make sure that was the problem.

Since, this problem was not repeatable and has not happened in other modes, I suggest that this problem be downgraded to a severity 3

Update on 06/09/98 by Naga Hariharan

The problem was connecting to the advertising server. The fact that SSIT (which runs from a different machine) was able to connect to advertising server and processing was able to connect in a different mode suggests to me that the local cache on the processing machine for that mode was corrupted. It is unknown (at least to me) why this happens, but problems like this with other servers have been seen many times in the integration lab in the EDF.

The workaround/solution to correct the local cache is to do a ping_by_name from the client host for the affected server.

I suggest that this NCR be closed

ECSed16258 FpTI - Color editor does not update when plan opens. 071698 Please describe the problem you are experiencing below, including what you did, what you expected to happen, and what actually happened:

Brought up the timeline and then opened up the Color Editor. I then proceeded to open a plan over some interval. The types list did not automatically update after the plan finally loaded.

I verified this by closing the Color Editor and then requested it again and when it appeared the Types list had been updated with items related to the newly opened plan.

The workaround therefore is to just close the Color Editor and bring it up again after an open plan is performed.

ECSed16358 Constants should not be included in fos_pids 072198 Please describe the problem you are experiencing below, including what you did, what you expected to happen, and what actually happened:

ASTER constans are not working on the Ops Test environment.

Generated PDB 19 on Ops Test and Ops Ops on the same dat, with the same data. All cmd and tlm database tables contained identical data. When the ODFs were generated, constants (used in ASTER derived parameters) were not evaluated as constants in the Ops Test environment, but they were in the Ops Ops environment.

After the developer looked at the ODFs and databases, it was discovered that the constans in Ops Test were in the fos_pids table, and they shouldn't be. They are not in the Ops Ops fos_pids table.

The workaround is to manually remove them from the Ops Test fos_pids table and regenerate ODFs.

Sara Haugh
7/10/98

ECSed16358 Constants should not be included in fos_pids 072198 Apparently the ASTER constant were inserted into the tlm_desc_pdb by someone at the FOT, and from there the genops put them in the fos_pids table. The tlm_desc_pdb (and fos_pids) are for parameters only, not constants. The telemetry ODF builder got fooled by this and assumed the mnemonics were parameters. As a result, Decom could not evaluate the derived parameters that use these constants.

When normal FOS procedures are used to load constants into the database, this will not happen (says Carol Lloyd). The manual insertion was done mistakenly as part of a workaround to another problem.

The ODF builder could be made smarter under these circumstances, but is is debatable what logic should be used, and whether the potential benefit would outweigh the potential risk.

Dave Grimes
7/29/98

ECSed15258 DPS: Cannot Acquire MCF in AutoSys 060298
manually change the dataServerUr
value for dataTypeId MOD29 from NULL to
the correct value (as given in other entries
in that table).

Use isql to

Alternatively, reset the PDPS database to an initial state.

Tom A 28-May-98

ECSed11759 Cannot subscribe to ESDTs in Mini-DAAC OPS mode 012998 NCR ID: ECSed11921
Status: ASSIGNED-TEST Submit Date: 980203
NCR Class: REL_B0_INFORMAL Project: RelB0_IDG Enclosures: 5

NCR TITLE....

Syntax errors in EcSbEventStpredProcs.sql

DETECTION INFORMATION....

REVIEW-ASSIGN INFORMATION....

Build Name[*]: Patch 3.02 Evaluate Engineer: kbugenha
Test Site[*]: Mini-DAAC Assigned To: rzhou
Detection Method[*]: Regression Test Iteration [*]: Drop 4
Detected-In-Phase[*]: System Verificatio
Build ID:
Test Case ID:
Platform ID: sahara
Severity (1=Showstopper)[*]: 1
Need fix by [*]: Emergency
Mode [*]: OPS

SUBMITTER INFORMATION....

Submitter: dmanion

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NCR ID: ECSed11921 Status: ASSIGNED-TEST
NCR Class: REL_B0_INFORMAL Project: RelB0_IDG

TO BE FIXED INFORMATION....

Problem Type[*]: source code
Recommended Change[*]: source code
Est. Fix Time (Hrs): 1
Est. Compl. Date (yymmdd): 980204
Related NCR ID: N/A

RESOLUTION INFORMATION....

Resolution[*]: source code
Resolved by: kbugenha
Indicate_SLOC[*]: Added
Num_SLOC: 10
Fixing Time (hrs): 1

Documentation affected (Y/N)? N
Affect CSCI: DCCI

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***** Problem *****

PROBLEM DESCRIPTION.... The file: EcSbEventStoredProcs.sql has two syntax errors in the ProcGetUIEvents and ProcGetEvent procedures. Both procedures are missing a "begin" following the if @@error statement, as shown in the following extracted code snippets:

```
if @@error !=0
  raiserror 110022 "ProcGetUIEvents: can not access EcSbEvent table "
  return -999
end
```

```
if @@error !=0
  raiserror 110022 "ProcGetEvent: can not access EcSbEvent table "
  return -999
end
```

File was located in:

{sahara} /usr/ecs/OPS/CUSTOM/dbms/CSS/EcSbEventStoredProcs.sql

Our workaround was to repair the code in our mode. It should be fixed before the patch is replicated at the other facilities.

***** Impact *****

IMPACT.... PDPS cannot register subscriptions, therefore, it will not execute any PGEs. Registering a subscription through the Client and the SSI&T manager will also not work. Unsure how other facilities have worked around this problem.

***** Analysis *****

Please describe your Analysis:

Sybase store procedure scripts had syntax error

AWAITING MERGE

***** Resolution *****

Please describe your resolution to this problem:

added begin and end statements.

***** Verification *****

Please describe your verification:

Code on baseline has been verified to be of proper syntax and functionality.

***** History *****

xddts 980203 140339 Submitted to RelB0_IDG by dmanion
xddts 980203 141340 Enclosure "Problem" added by dmanion
xddts 980203 141634 Enclosure "Impact" added by dmanion
xddts 980203 141721 Fields modified by dmanion
xddts 980203 141834 enclosure "Impact" edited by dmanion
xddts 980205 173426 N -> A (Assigned-to rzhou) by kbugenha
xddts 980205 173519 Enclosure "Analysis" added by kbugenha
xddts 980205 173519 A -> R (Recommend-change = source code) by kbugenha
xddts 980227 094026 enclosure "Analysis" edited by kbugenha
xddts 980311 102431 Enclosure Resolution added by kbugenha
xddts 980311 102431 R -> T by kbugenha
xddts 980311 161640 Fields modified by sbarrier
xddts 980615 153048 Enclosure "Verification" added by ddotson
xddts 980615 153048 T -> V by ddotson
xddts 980615 153228 V -> T by kbugenha

ECSed12859 Message outout "Netscape unable to locate server Delaware" 030698

A temporary workaround is currently in use.

ECSed18643 RTS Load Builder Window Crashes 092698 Please describe the problem you are experiencing below, including what you did, what you expected to happen, and what actually happened:

During procedure checkout in the Mini-EOC, while attempting to perform the RTS Load Validation function, the RTS Load Builder Window crashed. The anomaly occurred numerous times. No workaround at this time.

Jeanette Applewhite, Test Engineer

September 26, 1998

EOC

ECSed18059 PRE decides that a granule has a certainty of 0.00 092498 IMPACT....

Some MODIS L0 granules cannot be processed to L1A and higher.

Reason why sev 2:

Think that this problem occurs when there is more than one granule per time frame in the archive. (i.e. the temporal search returns more than one granule). This needs to be tested further. Potential workaround may be to

only have one set of MODIS granules per timeframe.

ECSed07960 PCF Issue with Current Multi-Science-Processor Workaround 072597 Please describe the problem you are experiencing below, including what you did, what you expected to happen, and what actually happened:

The current Langley Testbed implementation of a multi-science-processor configuration uses the concept of an AutoSys virtual host, sprlsgi, which represents actual hosts sprl5sgi and sprl6sgi. During the PCF generation process, the host name is verified against the hosts known to the system (via /etc/hosts). "sprlsgi" is not an actual host, so the name is rejected. The workaround for this problem was to define "sprlsgi" as an alias for one of the science processors. This allowed the implementation to function without any custom software changes. In order to determine whether or not this implementation is valid for the long term (ECS RelB and beyond), the use of the host name within PDPS or the Toolkit needs to be investigated, to determine if aliasing would have any adverse effects. (Id000111)

ECSed07960 PCF Issue with Current Multi-Science-Processor Workaround 072597 Please describe your resolution to this problem:

Rel B can handle multiple science processors without the workaround. However, there are some other problems with that. Once the new functionality "Efficient use of multiple resources" is completed then PDPS can be configured to use multiple science processors. This workaround is not needed. So this NCR can be closed

ECSed09060 SBSMGR: Can't handle single date/time 092297 PROBLEM DESCRIPTION....

ASTER does not use a time range, it uses a single instance to identify its data products. Subscription Manager can not handle these single date/times; it does not find a match for the granule in the PDPS database and therefore does not kick off the second ASTER job.

The workaround for the August Demo was to kick off the second ASTER job by an autosys dependency and not by subscription notification (as it should be).

ECSed14160 .meta file inserted from wrong directory 042098 PROBLEM DESCRIPTION....

When Ingest preprocessing creates the .meta file it is in the local preprocessing disk which is set in the Granule Server config file. When preprocessing creates the GIPparameter list for the insert command to the Science Data Server, it puts the .meta file in the list with the local preprocessing disk path. It then copies the file to the staging disk. The .meta file should be in the GIPparameter list with the staging disk tag (the same way the other data files are included in the list). This will cause problems if the Science Data Server does not have access to the local preprocessing disk. Also, if the SAVEONEXIT flag is set to false, then the local preprocessing disk area gets cleaned up before the insert command is sent to Science Data Server and then the .meta file that is in the insert list is no longer there and the archive will fail.

The workaround for now is to always use a local preprocessing disk that is accessible to Science Data Server and to have the SAVEONEXIT flag set to true.

ECSed15160 AUTOSYS:Filewatcher cannot find AUTOSYS init file script 052898 IMPACT....

Without the script referenced, error messages will not be sent by Filewatcher during job execution

If the following workaround is used the error messages should be sent

WORKAROUND:

On t1spg01(the science processor) create a file by the name of VAT.autosys.sh.t1spg01 in the /usr/ecs/OPS/COTS/autotreeb/autouser directory and link it to autosys.sh.t1spg01 in the same directory.

ECSed16160 Allocation sizes in DpPrDiskAllocation Table not Floats 071098 The workaround for this problem is to force-start the job after additional disk allocations have occurred and hope the sum of the truncation errors is smaller than the overage in size of a granule found for deletion by FreeDiskSpace.

:~)

ECSed03961 Some Functions in the FoTm lib. cause a core dump. 101496 Please describe your resolution to this problem:

The offending code has been removed, and a S/W workaround is in place until the DEC compiler is fixed.

The final fix was to remove the floor function calls altogether. We now have consistent time outputs across all supported platforms. This NCR is ready for testing and closure.

ECSed10761 SSIT: Perl not working on calahans 121997 Perl does not seem to work on the mini-DAAC SSIT machine.

I was trying to run an unofficial Perl script to check a descriptor file named desc2mdw.pl in directory /home/toma/jon/slurp .

It failed to locate a Perl module (see below).

My workaround is to instead run this program in the EDF.

However, Perl is officially part of the SSIT baseline, so should work on calahans; so someone needs to confirm that it does work before delivery.

Note that I also tried to run on the SGI lasher with the same result (in case that's where Perl is supposed to be installed at the DAAC.)

Tom 19-Dec-97

calahans:~/jon/slurp>desc2mdw.pl -c full -i DsESDTLsL70R.desc -o dum2 > & dum2.err

calahans:~/jon/slurp>cat dum2.err

Can't locate Getopt/Std.pm in @INC at desc2mdw.pl line 30.

BEGIN failed--compilation aborted at desc2mdw.pl line 30.

ECSed13161 Plan Activation Time Incorrect 031698 IMPACT - There should really be no impact since the problem is more of confusion than anything else. Activation times should be entered in UTC, not in local time. The real impact, therefore, is that the outputs/inputs are confusing and need to be clarified.

WORKAROUNDS - Enter all times in UTC even though they are not marked as such.

Another workaround would be to use a larger window when activating a plan if it doesn't cause problems. If the entire range of the selected Production Requests should be activated, then there is no problem selecting a very large time range to be activated (like a month).

ECSed13161 Plan Activation Time Incorrect 031698 Describe the Reason for closing this NCR?

NCR Board approved closure with LaRC concurrence:

Shelia,

>From the CCB meeting of September 3, 1998:

Concurrence is granted for the following NCRs -

13175	13165	13161	15327	16728	16729
16730	16737	16721	16719	16480	15301

Concurrence is NOT granted for the following NCRs -

13771 - (From Jim Gallasso) "The assumption made for the implementation of multi-granule ESDTs is incorrect. The assumption is that if a multi-granule ESDT is used over a time period that each granule would represent a subset of the total time period.

"MISR has implemented the multi-granule ESDTs not based on time, but based on camera. Each instance of the multi-granule ESDT contains data for the same time period, but for a different camera.

"The resolution and the verification statements in this NCR are incorrect and should be withdrawn as they are based solely on an assumption. The workaround mentioned is also based on the same assumption which is

inaccurate, therefore the workaround will not work.

"Since another NCR is open on the multi-granule ESDT issue, I recommend to the NCR board to close as a duplicate of: NCR 16745. Thank you."

14463 - The resolution to this problem is not clear. "What did you do to resolve this?"

Brian K. Engle
Tracking Ticket Administrator

ECSed15361 PRE: Metadata Query value can't be updated at PR creation time 060898
IMPACT....

The value of a Metadata Query cannot be updated at Production Request time.
The only workaround would be to modify the database manually after the Request has been entered.

ECSed16361 No capability to take snap to printer 072298 Please describe the problem you are experiencing below, including what you did, what you expected to happen, and what actually happened:

The FOS does not provide the capability to snap a window to printer.

An operational workaround exists.

F-FUI-01600(a) and F-FUI-01605 failed.

Jack Tsou
7/22/98

ECSed14067 Event Handler Errors and Re-Start of Event Processor 041698 For some unknown reason every time a job completes (both success & failure) autosys generates an internal alarm. This probably has to do with how autosys is installed/configured. I could not find any information about why these alarms are generated from autosys's manual.

There are two configuration parameters that define when to automatically shutdown the event processor when it gets a large number of alarms in a short span of time. These parameters are defined in the file <autosys installation directory>/config.<Autosys instance name>

For example in the EDF for autosys instance AS1, these parameters are defined in file /data1/autotreeb/autouser/config.AS1 (machine pdps2).

The two parameters are EDNumErrors and EDErrTimeInt. If EDNumErrors = 20, and EDErrTimeInt = 60, then if 20 alarms are generated during a 60 second duration then the event processor will be automatically shutdown. According to the manual EDNumErrors cannot exceed 100. However, there is no lower limit on EDErrTimeInt.

Since by changing the values of these parameters the event processor automatic shut down can be stopped (easy workaround) the severity can be downgraded to 2.

Secondly, this is a COTS installation/configuration issue, this NCR should be forwarded to the appropriate group (Sys Engg?)

Naga Hariharan

ECSed18161 Netscape cannot mount drafts on Netscape server 092898 The reason the web server needs to mount the machine giraffes at Goddard is that the PV-Wave files are located on giraffes.

I changed the Web install scripts so that it will not try to source the PV-Wave setup scripts.

Note this is really a software workaround but there still exists a problem with the EOC's web servers being able to mount giraffes.

Rob Moore
9/29/98

ECSed10562 PH ESDT interferes with intallation of MISREPH 121197 The installation of PH "Production History" fails, due to the script finding MISREPH and PH during the installation. Installing MISREPH also fails due to a conflict with PH. The workaround is to rename the ohter when trying to install the appropriate ESDT to avoid the conflict. We suspect that the script is using a wildcard in the search, returning all ESDTs with PH as the last two letters.

Submitted-on: 971211

ECSed06362 Number of CPUs causing problem in PGE runs. 042997 Please describe the problem you are experiencing below, including what you did, what you expected to happen, and what actually happened:

The processing subsystem was failing to allocate resources for all PGEs scheduled within the NSIDC string. The string currently has 1 CPU resident. It is not apparent whether others are to be installed. The problem seems to be that if the software is run with more PGEs than CPUs, there will be a resource management problem. The problem also seems to be exacerbated when the DPRs for the PGEs have different priorities.

Currently there is a workaround that has been successfully proven. The Resource Editor is loaded with information that tells the software there are more CPUs available than actually present on the hardware but of course this is not a permanent fix. The best case would be to get this fixed in a patch and have it distributed to all DAACs once deployment is complete.

ECSed10162 System pages generated in the EOC not available at ISTs 112697 Please describe the problem you are experiencing below, including what you did, what you expected to happen, and what actually happened:

Display pages generated at the EOC, saved to the systems directory and

Built to CM from within the display builder are not available for display from the systems directory at IST sites. The workaround for this was to ftp the generated display definitions to the IST then save them in the IST system directory and Build to CM at the IST.

The original design and intent for systems pages was that they would be accessible from one central repository for EOC and IST use.

ECSed11962 ExecMgmt: Problem handling 'r' at the end of the line in the PCF. 020498 The workaround is to change the 'r' at the end of a runtime parameter to another character (any other character will do). For the synthetic PGE, this poses no problem because the text in the runtime parameter can be altered without affecting execution. I do not know if the same would be true for "real" PGEs with an 'r' in their runtime parameters.

To change the default value of a runtime parameter, the ODL defining the PGE (and its runtime parameters) must change. This way the default value for the runtime parameter (the value that is put in the PCF if no overriding value is entered through the Production Request Editor) will not have the 'r' at the end.

-- M. Mauthe

ECSed12262 JobMgmt: Does not dynamically get the Autosys Id from Database 021798 K. Cockerill, 04/06/98:

This NCR is being forwarded to project RelB0_DPS in class REL_B0_INFORMAL. This problem was identified to be a code change in the EcDpPrJobMgmt process. Therefore this problem should be in the aforementioned project.

Analysis: It appears that the server only reads the autosys id from the database upon startup. It then refers to the originally stored ids each time it needs to access Autosys. A potential solution would be to invoke the DpPrAutosysMapList::Read() function to get the most current Autosys ID each time that the job management server requires communication to autosys.

The DAACs have indicated that the workaround for this problem would be insufficient for operations. Restarting a server can impede process flow at the DAACs.

Added by Naga Hariharan

Currently the job management server reads the following information during startup from the autosys database.

1. Total number of jobs in autosys
2. Number of successfully completed jobs.

Both of the above info could be obtained from PDPS database. The server code should be changed to read the PDPS database. This also allows multiple modes to use the same autosys instance. This way the server will know about a new/modified autosys resource without it being bounced.

ECSed13062 Ingest Monitor/Control GUI can not be cleared 031298 The Resolution indicates a workaround rather than a fix. The operator should

not have to manually go into the database when this problem occurs.

Since there is a work around available, I moved this ncr to a sev 2.

9/18/1998 - Need for a manual work-around effort eliminated with modification made to servers' cold and warm start procedures to check for and delete duplicate key entries before starting processing.

ECSed15162 JOBEXEC: Error Messages not sent for exceeding runtime directory size 052898 Please describe your Analysis:

Runtime disk space can be monitored during PGE execution and appropriate messages output to Autosys and log files. Just as the File Watcher program monitors file sizes it can be modified to check the disk size of the runtime directory. The input for this program is created during preprocessing stage of a job's execution. The input file (*_PGE.IN) created during that time for use by the EcDpPrRunPGE program will need to contain the name of the directory the FileWatcher, which is invoked by EcDpPrRunPGE, will monitor.

Currently, there is known workaround because DPS does not monitor disk space during pge execution.

ECSed15262 StagingDiskServer incorrectly deletes staging disks on client crash 060298 As an immediate workaround, Staging Disk will no longer destroy staging disks connected to by a crashed client. These staging disks may be leaked if the client warm starts but fails to reconnect (e.g., non-persistent staging disks). This workaround is necessary at present, because the rundown is not part of the object thread, and so the client ownername is not known at the time of the rundown.

If staging disks are thought to be leaking, they may be freed up by cold starting the Staging Disk server when no requests are being processed.

ECSed15262 StagingDiskServer incorrectly deletes staging disks on client crash 060298 NCR has been downgraded to Sev 3 since the workaround now reduces the problem to leaking non-persistent disks on client crash. This leak can be worked around by cold starting the crashed client.

ECSed17162 SSIT:SSAPEditor:SSAP Metadata files should be created w/666 permission 081898 IMPACT....

None.

The user must implement the workaround

ECSed19252 need to include table DsStRequest Tape in warm/cold restart scenarios. 112098 IMPACT....

can stop the server from coming up. workaround is to clean data base by hand.

ECSed09363 Several System ESDTs not pre-installed in Mini-DAAC 100997 System ESDTs required to support SSI&T were not available on the Mini-DAAC systems. An ECS user cannot get to the ESDT repository to perform anything beyond what was set up for demonstration.

All System ESDTs should be pre-installed in subsequent installations.

"Had to violate CM process to workaround problem."

Submitted-on: 971009

ECSEd12563 Drop 4.0 SDSRV lookup tables entries are truncated 022798 This is the documented workaround fix for this problem in Drop 4.0.

Run the following SQL as the Sybase "dbo" or "SA" users in the appropriate database.

```
use DATABASENAME_MODE
go
```

```
Delete DsMdSDSRVLookup where lookupType = "ProcCheckDeleteStatu"
go
```

-- this should return 6 rows deleted

```
INSERT DsMdSDSRVLookup(lookupType,lookupValue,lookupString,lookupInt, lookupFloat,
lookupDatetime)
VALUES("ProcCheckDeleteStatus", "SC", "ProcCheckDeleteStatusScience", NULL, NULL, getdate())
go
INSERT DsMdSDSRVLookup(lookupType,lookupValue,lookupString,lookupInt, lookupFloat,
lookupDatetime)
VALUES("ProcCheckDeleteStatus", "AN", "ProcCheckDeleteStatusAnc", NULL, NULL, getdate())
go
INSERT DsMdSDSRVLookup(lookupType,lookupValue,lookupString,lookupInt, lookupFloat,
lookupDatetime)
VALUES("ProcCheckDeleteStatus", "BR", "ProcCheckDeleteStatusBrowse", NULL, NULL, getdate())
go
INSERT DsMdSDSRVLookup(lookupType,lookupValue,lookupString,lookupInt, lookupFloat,
lookupDatetime)
VALUES("ProcCheckDeleteStatus", "QA", "ProcCheckDeleteStatusQa", NULL, NULL, getdate())
go
INSERT DsMdSDSRVLookup(lookupType,lookupValue,lookupString,lookupInt, lookupFloat,
lookupDatetime)
VALUES("ProcCheckDeleteStatus", "OR", "ProcCheckDeleteStatusOrbit", NULL, NULL, getdate())
go
INSERT DsMdSDSRVLookup(lookupType,lookupValue,lookupString,lookupInt, lookupFloat,
lookupDatetime)
VALUES("ProcCheckDeleteStatus", "PH", "ProcCheckDeleteStatusPh", NULL, NULL, getdate())
go
```

-- 6 rows inserted

ECSEd12563 Drop 4.0 SDSRV lookup tables entries are truncated 022798 Please describe your Analysis:

Change of size of column lookupType in table DsMdSDSRVLookup from 20 to 40 characters caused truncation of data. Rows need to be corrected to allow Delete processing to function properly.

Changes to be made to next release => Drop 4.0.1

see attachment changes_to_be_made for workaround.

This is scheduled to be merged on 4-8-98 as part of the 4P functionality,

ESDT Versioning and Backup/Offsite ID.

ECSed17263 File usage count causes destaging (insert) step to fail 082098 IMPACT....

When the "numberOfUsage" counter prematurely goes to zero, no further processing can be done with the affected file. This is because every time a PGE attempts to mark that it is done with the file it will try to decrement the counter, note the zero, and fail. If the file affected is a data file just produced, only the current PGE is affected (and the failing step can not be force started because it will just fail again in the same fashion). If, on the other hand, the affected file is a static file, as has been the case in the current tests, all PGEs of that type will be affected (i.e., they all will fail during the destage step).

The workaround in the VATC is to determine the affected file, go into the pdps database with ISQL, increment the appropriate "numberOfUsage" counter, and then force start the failed job step. This workaround is obviously not acceptable in the operational environment.

ECSed17563 User permissions switched on the IST 083198 Bug ID: ECSed16267

FOS_POST_RRR Submitted: 980716

ASSIGNED-VERIFY defect report Assigned-Eval: 980825

Assigned-Fix: 980825

Software: scheduling

5 enclosures

"TDRSS contacts for RFSOCC disappeared mysteriously for the 2nd time"

DETECTION INFORMATION

ANALYSIS INFORMATION

Detection method[*]: Normal Operation Evaluate engineer: dhyde

Detected in phase[*]: Acceptance Test When_Planned:

Test Case ID: RFSOCC Assigned to: jyu

Build ID: 2.2.0L Affect Subsystem[*]: PAS

Platform ID: Analysis time (hrs): 0

Test Site[*]: EOC Est. fix time (hrs): 2

Severity (1=Showstopper)[*]: 1

NCR Priority (A=Launch Critical)[*]: A

Related-DR: FOS2132

SUBMITTER INFORMATION

Submitter: bseaman

Address: bseaman@puff

Page 1/2

Bug ID: ECSed16267 FOS_POST_RRR Assigned-Verify 980910

ASSIGNED-VERIFY defect report

Fixed 980828

RESOLUTION INFORMATION

Resolutions[*]: source code

Resolved by: jyu@puff

SLOC: 0

Fixing time (hrs): 2

Documentation affected (Y/N)? N

When_fixed: 2.2.5

TESTING INFORMATION:

Assigned test engineer: afaget

Page 2/2

***** Problem *****

Please describe the problem you are experiencing below, including what you did, what you expected to happen, and what actually happened:

During RFSOCC test preparations, 18 TDRSS contacts were scheduled on the Timeline and submitted to NCC. the following day we went to verify the contact times and the Timeline was empty. TDRSS contacts, FDD dta, and Inview Times were deleted. The same problem was seen during last week's test preparations.

Operational Impact:

This is a major impact to scheduling operations because we have to contact NCC and verify the times of the submitted contacts. The workaround is cumbersome and unacceptable.

Wendy Cain

7/9/98

***** Resolution (Added 980806 by dhyde) *****

We have been unable to duplicate this problem, and it has not re-occurred at the EOC. Recommend closure.

- David

***** Re-Open (Added 980825 by shannon) *****

Per Tom Owens, after further investigation error was recreated and NCR reopened.

8/25/98

***** Problem Re-statement (Added 980825 by townen) *****

Error was actually PAS tools getting incorrect user info on startup.

FUI assigned manager names in a manner that insured that they were unique on a given workstation, but not across the entire network. Since the managers for PAS processes are registered in the PAS nameserver, it was possible (and quite likely) that a name conflict would occur. In this case, a tool would look for its manager, but its manager would have failed to add its name to the nameserver. The tool would then connect to the manager for a different user on a different workstation. This then caused the tool to be sent the wrong user info, which in turn led to a multitude of problems, one of which is a tools event messages being sent as though they originated from a different machine.

Our current best understanding of what happened with this problem was that the user did not realize that what was going on with the process, since the event messages appeared to come from a different machine.

To fix this problem, we need to insure that the managers for a process register with a unique name so that the process gets the correct user information upon startup.

Thomas Owen
8/25/98

***** Resolution2 (Added 980828 by jyu) *****

The problem was caused by the Tool receiving the wrong user info. The Tool was receiving user info from another machine. As a result, user name, site, and role are all different. These wrong information caused the Tool to have various permissions and functionality.

Modified the following two files in patch 2.2.5:

/ecs/formal/fos/fui3/FuRm/src/FuRmPasPageMng.C
/ecs/formal/fos/pas/ui/src/FpUiCliNoid.cc

8/28/98
Jim Yu

***** History *****

xdds 980716 164827 Submitted to FOS_POST_RRR by bseaman@puff
xdds 980716 165030 Enclosure "Problem" added by bseaman
xdds 980720 100015 Fields modified by cwilliam
xdds 980720 103050 N -> A (Assigned-Eval to dhyde) by dhyde
xdds 980720 103054 A -> O by dhyde
xdds 980806 134930 Enclosure "Resolution" added by dhyde

xddts 980806 134939 O -> R (Resolution = unreproducible) by
xddts 980811 110250 R -> T by
xddts 980825 131540 R -> A (Assigned-Eval to dhyde) by shannon
xddts 980825 131547 A -> O by shannon
xddts 980825 131714 Enclosure "Re-Open" added by shannon
xddts 980825 133231 Enclosure "Problem Re-statement" added by townen
xddts 980828 151323 Enclosure "Resolution2" added by jyu
xddts 980828 151938 O -> R (Resolution = source code) by
xddts 980910 110312 R -> T by

ECSed01764 Science process and mss sun depend on each other for booting. 030496 Please describe the problem you are experiencing below, including what you did, what you expected to happen, and what actually happened:

[Reported from LaRC 3/4 but may exist at all DAAC sites]

1. science processor hosts the user files which are automounted from other DAAC workstations.
2. msssun hosts the clearcase VOBS etc (clearcase server) and these are auto mounted by other workstations (sci processor included)
3. Neither science processor nor the mss2sun can be rebooted since both depend on each other.

This is a catch-22 situation. To workaround this problem, the science processor was brought up in a single use mode, the fstab entries for the filesystems for msssun removed and brought back up again.

Some other means to avoid this problem should be determined.

ECSed02264 ShmMem Does Not Work for Multiple Runs in 1.04.01 061296 Please describe your resolution to this problem:

Steve Berrick and I discovered that some changes had been made in one of the PDPS shell scripts and when these changes were removed, they were able to run PGEs again.

This still required a workaround of removing the ShmMem file from \$PGSRUN, but they were able to complete the IR1 testing at GSFC.

Note: this will not be a problem in Release A, due to the creation of a new directory for each DPR, resulting in no clash of ShmMem files.

ECSed02264 ShmMem Does Not Work for Multiple Runs in 1.04.01 061296 Please describe your resolution to this problem:

See analysis enclosure for workaround.

ECSed05564 Defect when no plans are found in database 102296 The resolution to this is not a true fix of the problem; it is merely a work-around fix. The problem report states that the program crashes if a plan is not found. The workaround circumvented the problem by creating/inserting a plan that seems to always be found.

A true fix to this would be to implement code that eliminates the error that causes the application to crash rather than AVOID the error.

ECSed07364 Prohibited Function Checker flaging C code variables as prohibited 062697 From stanley.scott@gsfc.nasa.gov Tue Jun 10 09:10 EDT 1997

Received: from popb.gsfc.nasa.gov (popb-f.gsfc.nasa.gov [128.183.251.164])

by eos.hitc.com (8.8.5/8.8.4) with ESMTP

id JAA21946; Tue, 10 Jun 1997 09:10:08 -0400 (EDT)

Received: from [128.183.166.86] (eosscott.gsfc.nasa.gov [128.183.166.86]) by popb.gsfc.nasa.gov (8.8.5/8.6.12) with SMTP id JAA16390; Tue, 10 Jun 1997 09:09:50 -0400 (EDT)

X-Sender: sscott@pop500.gsfc.nasa.gov

Message-Id: <v02130500afc3013d59e6@[128.183.166.86]>

Mime-Version: 1.0

Date: Tue, 10 Jun 1997 09:12:54 -0400

To: Rick McCloskey <rickm@ncar.ucar.edu>, toma@eos.hitc.com, sberrick@eos.hitc.com, tom.goff@gsfc.nasa.gov, larry@eos.hitc.com, elarson@eos.hitc.com, dan.marinelli@gsfc.nasa.gov, barbara.putney@gsfc.nasa.gov, stanley.scott@gsfc.nasa.gov, vollmer@eosdata.gsfc.nasa.gov

From: stanley.scott@gsfc.nasa.gov (Stan Scott)

Subject: Re: Function Checker

Cc: Paul Bailey <bailey@ncar.ucar.edu>, Charles Cavanaugh <cavanaugh@ncar.ucar.edu>, Cheryl Craig <cacraig@ep.eos.ucar.edu>, Paula Detweiler <paula@sorcerer.larc.nasa.gov>, Jill Travers <D.J.TRAVERS@LaRC.NASA.GOV>, Christina Moats <moats@sorcerer.larc.nasa.gov>, fshuman@eos.hitc.com, steven.j.kempler@gsfc.nasa.gov (Steve Kempler)

Content-Type: text/plain; charset="us-ascii"

Content-Length: 4992

Status: OR

Rick

Since the Version 1 delivery time is here, there is no alternative but to grant the FORTRAN WRITE and C sig* and tc* waivers for this delivery.

Thinking in terms of the Version 2 delivery and beyond, we have suggested another way to handle problems like FORTRAN WRITE to other teams in the past. The suggestion is to use #ifdef, #else and #endif to wrap the WRITE statements and use the c precompiler to remove the WRITE statements. The c precompiler could be run on the code, after running tests in the pre-delivery period at the DAAC, just before formal delivery to the DAAC.

I looked into the code checker problem with sig* and tc*. The list of prohibited functions in the current standards and guidelines document is a modified version of the one that has been in the toolkit users guide for a long time. I don't remember (or didn't notice) the list in the toolkit users guide being changed from sig[a-z] and tc[a-z] to sig* and tc*. The last two versions of the toolkit users guide have sig* and tc*. That change must have occurred in an earlier version.

I agree with you in that the standards document prohibited functions list and code checker should allow names that start with sig and tc. It is an unnecessary restriction. Instead of specifying sig* and tc*, the nine and eight function names, respectively, should be enumerated in the standards document and should all be included in the file containing prohibited C function names the code checker uses.

To Larry, Steve B., and Tom A., is it possible to make this change in the Release B.0 code checker file used for C code, if I promise to move the change to the standards and guidelines document through the ESDIS CCB as soon as is possible? Do you agree with the change? I can give you the names of the seventeen functions if that would speed things along. The impact of making this change should be very small since two entries in the code checker C file need to be replaced by seventeen others, and then a quick test would be needed.

I will be out of the office starting tomorrow until Thursday of next week and won't be able to participate in an e-mail or phone discussion on this during that time.

Thanks,
Stan

At 11:25 AM 6/9/97, Rick McCloskey wrote:

>Stan,

>

>I have run the prohibited function checker on all of our FORTRAN source
>code and C source code and found the following problems:

>

>FORTRAN Code:

>

> There are many WRITE statements in the code that are embedded inside
>IF debug flag set logic statements. These statements can be turned on/off
>by setting variable in the code. We must leave these statements in for
>the version 1 delivery to help trouble shoot problems. Therefore I am
>requesting a waiver on these statements for the version 1 delivery.

>

>C Code:

>

> I must admit this is a point of irritation. We are having the same
>problems that showed up during the beta delivery, i.e. things starting
>with sig, and tc. During beta delivery our code had variables such as
>sigma, signals, tcoef. The reason these variables didn't not pass the
>function checker was due to the following restrictions:

>

>sig[a-z]*

>tc[a-z]*

>

>As you may remember, I expressed my concern about limiting such a popular
>prefix such a sig when dealing with science data processing code. Well
>evidently this concern fell on deaf ears, as do most of my suggestions,

>because the restrictions were tighten, not loosened.
>
>To get around the previous requirement we decide to rename our variables
>from signal1, signal2, to sig1, sig2. We did the same with the tc
>variables. Much to my surprise these new variables did not make it
>through the function checker.
>
>Why? Well not because of a bug in the function checker as I originally
>suspected, but because the the new requirements are:
>
>sig*
>tc*
>(see Data Production Software and Science Computing Facility Standards and
>Guidelines)
>
>Would you please explain, that if these requirements have been tightened,
>WHY! And please don't tell me it was because it was easier to implement
>checking for sig*, tc* than sig[a-z]* and tc[a-z]*. We don't have time to
>fix the above variables names for version 1, because it will take some
>thought to assign appropriate names, especially with the above
>restrictions.
>
>Also can let me what the requirements will be for the flight version?
>Will everything that starts with s and t going to be restricted?
>
>Frustrated in Boulder,
>Rick

>=====
>| Rick McCloskey | |
>| NCAR / MOPITT Program | e-mail: rickm@ucar.edu |
>| 3300 Mitchell Rd, Suite 275 | Phone: 303/497-2917 |
>| Boulder, CO 80301 | FAX: 303/497-8080 |
>=====

=====
Stan Scott
ESDIS Project, NASA/GSFC Code 505
Greenbelt, Maryland 20771
e-mail: stanley.scott@gsfc.nasa.gov
phone: 301/614-5334
fax: 301/614-5270

From rickm@ncar.ucar.edu Tue Jun 10 10:23 EDT 1997
Received: from eos.ucar.edu (eos-atm.eos.ucar.edu [128.117.227.1])
by eos.hitc.com (8.8.5/8.8.4) with ESMTP
id KAA25679; Tue, 10 Jun 1997 10:23:18 -0400 (EDT)
Received: from misfit.eos.ucar.edu (misfit.eos.ucar.edu [128.117.37.19]) by eos.ucar.edu (AIX4.2/UCB
8.7/8.7) with SMTP id IAA23326; Tue, 10 Jun 1997 08:23:02 -0600 (MDT)
Received: from localhost (rickm@localhost) by misfit.eos.ucar.edu
(950413.SGI.8.6.12/950213.SGI.AUTOCF) via SMTP id IAA18327; Tue, 10 Jun 1997 08:22:57 -0600
Date: Tue, 10 Jun 1997 08:22:56 -0600 (MDT)

From: Rick McCloskey <rickm@ncar.ucar.edu>
X-Sender: rickm@misfit.eos.ucar.edu
To: Stan Scott <stanley.scott@gsfc.nasa.gov>
cc: toma@eos.hitc.com, sberrick@eos.hitc.com, tom.goff@gsfc.nasa.gov,
larry@eos.hitc.com, elarson@eos.hitc.com, dan.marinelli@gsfc.nasa.gov,
barbara.putney@gsfc.nasa.gov, vollmer@eosdata.gsfc.nasa.gov,
Paul Bailey <bailey@ncar.ucar.edu>,
Charles Cavanaugh <cavanaugh@ncar.ucar.edu>,
Cheryl Craig <cacraig@ep.eos.ucar.edu>,
Paula Detweiler <paula@sorcerer.larc.nasa.gov>,
Jill Travers <D.J.TRAVERS@LaRC.NASA.GOV>,
Christina Moats <moats@sorcerer.larc.nasa.gov>, fshuman@eos.hitc.com,
Steve Kempler <steven.j.kempler@gsfc.nasa.gov>
Subject: Re: Function Checker
In-Reply-To: <v02130500afc3013d59e6@[128.183.166.86]>
Message-ID: <Pine.SGI.3.94.970610080340.16501H-100000@misfit.eos.ucar.edu>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII
Content-Length: 1236
Status: ORrf

Stan,

We got the requirements sig[a-z]* and tc[a-z]* from the prohibitedFunctionsC.txt which was used at beta testing. I can not say with out reasonable doubt that is what was in the Beta Version User's Guide. However, I was told to used the prohibitedFunctionsC.txt file for a list of prohibited functions. Therefore, we used that file to guide us in defining new variables. As stated before I realize the the concern of the prefix sig and tc. Believe it or not before I got bogged down with paper work I actually wrote software using system functions starting with those prefixes. The point I was hoping to get at is that I can't think of any system variable or function that isn't covered by restrictions sig[a-z]* and tc[a-z]*. I don't understand the need to tighten the restrictions to sig* and tc*.

Thanks for your understanding,
Rick

```
=====  
| Rick McCloskey           |           |  
| NCAR / MOPITT Program    | e-mail: rickm@ucar.edu |  
| 3300 Mitchell Rd, Suite 275 | Phone: 303/497-2917 |  
| Boulder, CO 80301        | FAX: 303/497-8080 |  
=====
```

From toma@eos.hitc.com Tue Jun 10 10:44 EDT 1997
Received: from mojave (mojave.HITC.COM [155.157.120.25])
by eos.hitc.com (8.8.5/8.8.4) with SMTP
id KAA26902; Tue, 10 Jun 1997 10:44:06 -0400 (EDT)
Received: by mojave (5.x) id AA07185; Tue, 10 Jun 1997 10:44:22 -0400
From: "Tom Atwater" <toma@eos.hitc.com>
Message-Id: <9706101044.ZM7183@mojave.HITC.COM>

Date: Tue, 10 Jun 1997 10:44:21 -0400
In-Reply-To: Rick McCloskey <rickm@ncar.ucar.edu>
"Re: Function Checker" (Jun 10, 8:22am)
References: <Pine.SGI.3.94.970610080340.16501H-100000@misfit.eos.ucar.edu>
X-Mailer: Z-Mail (3.2.0 06sep94)
To: Rick McCloskey <rickm@ncar.ucar.edu>,
Stan Scott <stanley.scott@gsfc.nasa.gov>
Subject: Re: Function Checker
Cc: khalsa@eos.hitc.com, Charles Cavanaugh <cavanaugh@ncar.ucar.edu>,
Cheryl Craig <cacraig@ep.eos.ucar.edu>,
Christina Moats <moats@sorcerer.larc.nasa.gov>,
Jill Travers <D.J.TRAVERS@larc.nasa.gov>,
Paul Bailey <bailey@ncar.ucar.edu>,
Paula Detweiler <paula@sorcerer.larc.nasa.gov>,
Steve Kempler <steven.j.kempler@gsfc.nasa.gov>,
barbara.putney@gsfc.nasa.gov, dan.marinelli@gsfc.nasa.gov,
elarson@eos.hitc.com, fshuman@eos.hitc.com, larry@eos.hitc.com,
sberrick@eos.hitc.com, tom.goff@gsfc.nasa.gov, toma@eos.hitc.com,
vollmer@eosdata.gsfc.nasa.gov
Mime-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Length: 417
Status: OR

Rick,

May I ask what version of the checker you have?
I.e., what date does the executable have?
Do you remember how you received it?

I am asking this because I believe we have changed it so
it will check only function names, and not variable names.

Do you have a login on the Langley testbed?
If so, you might want to try the testbed version on machine
aitl2sun.
If not, suggest you ask Lucy Lee for a login.

Tom

From rickm@ncar.ucar.edu Tue Jun 10 11:02 EDT 1997
Received: from eos.ucar.edu (eos-atm.eos.ucar.edu [128.117.227.1])
by eos.hitc.com (8.8.5/8.8.4) with ESMTP
id LAA28105; Tue, 10 Jun 1997 11:02:24 -0400 (EDT)
Received: from misfit.eos.ucar.edu (misfit.eos.ucar.edu [128.117.37.19]) by eos.ucar.edu (AIX4.2/UCB
8.7/8.7) with SMTP id JAA25636; Tue, 10 Jun 1997 09:01:52 -0600 (MDT)
Received: from localhost (rickm@localhost) by misfit.eos.ucar.edu
(950413.SGI.8.6.12/950213.SGI.AUTOCF) via SMTP id JAA18371; Tue, 10 Jun 1997 09:01:51 -0600
Date: Tue, 10 Jun 1997 09:01:51 -0600 (MDT)
From: Rick McCloskey <rickm@ncar.ucar.edu>
X-Sender: rickm@misfit.eos.ucar.edu
To: Tom Atwater <toma@eos.hitc.com>
cc: Stan Scott <stanley.scott@gsfc.nasa.gov>, khalsa@eos.hitc.com,
Charles Cavanaugh <cavanaugh@ncar.ucar.edu>,

Cheryl Craig <cacraig@ep.eos.ucar.edu>,
Christina Moats <moats@sorcerer.larc.nasa.gov>,
Jill Travers <D.J.TRAVERS@larc.nasa.gov>,
Paul Bailey <bailey@ncar.ucar.edu>,
Paula Detweiler <paula@sorcerer.larc.nasa.gov>,
Steve Kempler <steven.j.kempler@gsfc.nasa.gov>,
barbara.putney@gsfc.nasa.gov, dan.marinelli@gsfc.nasa.gov,
elarson@eos.hitc.com, fshuman@eos.hitc.com, larry@eos.hitc.com,
sberrick@eos.hitc.com, tom.goff@gsfc.nasa.gov,
vollmer@eosdata.gsfc.nasa.gov

Subject: Re: Function Checker

In-Reply-To: <9706101044.ZM7183@mojave.HITC.COM>

Message-ID: <Pine.SGI.3.94.970610085536.16501J-100000@misfit.eos.ucar.edu>

MIME-Version: 1.0

Content-Type: TEXT/PLAIN; charset=US-ASCII

Content-Length: 1389

Status: ORr

Hi Tom,

Here is the listing for the function checker at Langley:

```
2168892 Apr 16 22:36 /usr/ecs/Rel_A/CUSTOM/bin/DPS/DpAtMgrBadFunc*
```

and here are a few of the errors found:

File: ingest/ComputeSignals.c Language: C Prohibited Functions: 12

Line 108: sig1 = (

Line 110: sig2 = (

Line 112: sig3 = (

I don't know if this is the version you thought was there, but for what it is worth, I think checking only functions, and not variables is the ideal solution, one we can definitely live with.

Rick

```
=====  
| Rick McCloskey           |           |  
| NCAR / MOPITT Program    | e-mail: rickm@ucar.edu |  
| 3300 Mitchell Rd, Suite 275 | Phone: 303/497-2917 |  
| Boulder, CO 80301        | FAX: 303/497-8080 |  
=====
```

On Tue, 10 Jun 1997, Tom Atwater wrote:

> Rick,
>
> May I ask what version of the checker you have?
> I.e., what date does the executable have?
> Do you remember how you received it?
>
> I am asking this because I believe we have changed it so
> it will check only function names, and not variable names.

>
> Do you have a login on the Langley testbed?
> If so, you might want to try the testbed version on machine
> aitl2sun.
> If not, suggest you ask Lucy Lee for a login.
>
> Tom
>

From rickm@ncar.ucar.edu Tue Jun 10 11:07 EDT 1997
Received: from eos.ucar.edu (eos-atm.eos.ucar.edu [128.117.227.1])
by eos.hitc.com (8.8.5/8.8.4) with ESMTPTP
id LAA28424; Tue, 10 Jun 1997 11:07:25 -0400 (EDT)
Received: from misfit.eos.ucar.edu (misfit.eos.ucar.edu [128.117.37.19]) by eos.ucar.edu (AIX4.2/UCB
8.7/8.7) with SMTP id JAA06882; Tue, 10 Jun 1997 09:07:09 -0600 (MDT)
Received: from localhost (rickm@localhost) by misfit.eos.ucar.edu
(950413.SGI.8.6.12/950213.SGI.AUTOCF) via SMTP id JAA18405; Tue, 10 Jun 1997 09:07:08 -0600
Date: Tue, 10 Jun 1997 09:07:08 -0600 (MDT)
From: Rick McCloskey <rickm@ncar.ucar.edu>
X-Sender: rickm@misfit.eos.ucar.edu
To: Tom Atwater <toma@eos.hitc.com>
cc: Stan Scott <stanley.scott@gsfc.nasa.gov>, khalsa@eos.hitc.com,
Charles Cavanaugh <cavanaugh@ncar.ucar.edu>,
Cheryl Craig <cacraig@ep.eos.ucar.edu>,
Christina Moats <moats@sorcerer.larc.nasa.gov>,
Jill Travers <D.J.TRAVERS@larc.nasa.gov>,
Paul Bailey <bailey@ncar.ucar.edu>,
Paula Detweiler <paula@sorcerer.larc.nasa.gov>,
Steve Kempler <steven.j.kempler@gsfc.nasa.gov>,
barbara.putney@gsfc.nasa.gov, dan.marinelli@gsfc.nasa.gov,
elarson@eos.hitc.com, fshuman@eos.hitc.com, larry@eos.hitc.com,
sberrick@eos.hitc.com, tom.goff@gsfc.nasa.gov,
vollmer@eosdata.gsfc.nasa.gov
Subject: Re: Function Checker
In-Reply-To: <9706101044.ZM7183@mojave.HITC.COM>
Message-ID: <Pine.SGI.3.94.970610090244.16501K-100000@misfit.eos.ucar.edu>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII
Content-Length: 1080
Status: OR

Tom,

just to clarify where the run took place:

either aitl2sun.larc.ecs.nasa.gov or aitl1sun.larc.ecs.nasa.gov. not sure
which one but hopefully they are set up with the same software packages.

Rick

=====
| Rick McCloskey |

NCAR / MOPITT Program	e-mail: rickm@ucar.edu
3300 Mitchell Rd, Suite 275	Phone: 303/497-2917
Boulder, CO 80301	FAX: 303/497-8080

On Tue, 10 Jun 1997, Tom Atwater wrote:

> Rick,
>
> May I ask what version of the checker you have?
> I.e., what date does the executable have?
> Do you remember how you received it?
>
> I am asking this because I believe we have changed it so
> it will check only function names, and not variable names.
>
> Do you have a login on the Langley testbed?
> If so, you might want to try the testbed version on machine
> aitl2sun.
> If not, suggest you ask Lucy Lee for a login.
>
> Tom
>

From toma@eos.hitc.com Tue Jun 10 11:39 EDT 1997
Received: from mojave (mojave.HITC.COM [155.157.120.25])
by eos.hitc.com (8.8.5/8.8.4) with SMTP
id LAA00259; Tue, 10 Jun 1997 11:36:28 -0400 (EDT)
Received: by mojave (5.x) id AA07263; Tue, 10 Jun 1997 11:36:44 -0400
From: "Tom Atwater" <toma@eos.hitc.com>
Message-Id: <9706101136.ZM7261@mojave.HITC.COM>
Date: Tue, 10 Jun 1997 11:36:42 -0400
In-Reply-To: Rick McCloskey <rickm@ncar.ucar.edu>
"Re: Function Checker" (Jun 10, 9:01am)
References: <Pine.SGI.3.94.970610085536.16501J-100000@misfit.eos.ucar.edu>
X-Mailer: Z-Mail (3.2.0 06sep94)
To: Rick McCloskey <rickm@ncar.ucar.edu>, Tom Atwater <toma@eos.hitc.com>
Subject: Re: Function Checker
Cc: khalsa@eos.hitc.com, Charles Cavanaugh <cavanaugh@ncar.ucar.edu>,
Cheryl Craig <cacraig@ep.eos.ucar.edu>,
Christina Moats <moats@sorcerer.larc.nasa.gov>,
Jill Travers <D.J.TRAVERS@larc.nasa.gov>,
Paul Bailey <bailey@ncar.ucar.edu>,
Paula Detweiler <paula@sorcerer.larc.nasa.gov>,
Stan Scott <stanley.scott@gsfc.nasa.gov>,
Steve Kempler <steven.j.kempler@gsfc.nasa.gov>,
barbara.putney@gsfc.nasa.gov, dan.marinelli@gsfc.nasa.gov,
elarson@eos.hitc.com, fshuman@eos.hitc.com, khalsa@eos.hitc.com,
larry@eos.hitc.com, sberrick@eos.hitc.com, tom.goff@gsfc.nasa.gov,
vollmer@eosdata.gsfc.nasa.gov

Mime-Version: 1.0

Content-Type: text/plain; charset=us-ascii

Content-Length: 2234

Status: OR

On Jun 10, 9:01am, Rick McCloskey wrote:

```
> Subject: Re: Function Checker
> Hi Tom,
>
> Here is the listing for the function checker at Langley:
>
> 2168892 Apr 16 22:36 /usr/ecs/Rel_A/CUSTOM/bin/DPS/DpAtMgrBadFunc*
```

This is the correct version.

```
> and here are a few of the errors found:
>
> File: ingest/ComputeSignals.c Language: C Prohibited Functions: 12
> Line 108: sig1 = (
> Line 110: sig2 = (
> Line 112: sig3 = (
>
```

OK, here's the story.

For some reason we have 2 lines in the file prohibitedFunctionsC.txt that appear to be incorrect, namely

```
sig...[
]*(
tc...[
]*(
```

These 2 lines are causing the behavior you see above: any string that begins with "sig" and is followed by a "(" is being flagged. We intended this to flag *function* names like "sigint(" . (" is simply whitespace.)

The problem is the "...". In your case the "... is taken as "1 = ", whereas it was intended to be taken as something like "int" in "sigint".

Deveeloper Guru Tej S. Khalsa says that he believes that if you change the entries to

```
sig[a-z]*[
]*(
tc[a-z]*[
]*(
```

that your problems will be solved.

The [a-z]* means any string of alpha characters, repeated until a "(" is found, is prohibited, which should cover "sigint(" but not "sig1 = ".

Naturally, someone will have to write an NCR to fix this, but in the meantime a simple workaround is to copy over

this file to your home directory, edit it, and change the entry in your internal PCF \$PGS_PC_INFO_FILE to point to the local copy.

I am under intense pressure right now to run ASTER PGEs on the EDC testbed, so I do not have time to test it -- but if you want to, I won't object ;-)
(Please let us know the results if you do.)
Otherwise, we can work the NCR when we get it.

Note that this problem should only occur for variable names that begin with "sig" or "tc" -- no other variables should be affected.

> I don't know if this is the version you thought was there, but for what it
> is worth, I think checking only functions, and not variables is the ideal
> solution, one we can definitely live with.
>

Good, because that is the intention.
The "(" at the end of the string should ensure that only functions are flagged, not variables.

Tom

From khalsa@eos.hitc.com Tue Jun 10 11:53 EDT 1997
Received: from junior (junior.HITC.COM [155.157.124.49])
by eos.hitc.com (8.8.5/8.8.4) with SMTP
id LAA00915; Tue, 10 Jun 1997 11:49:48 -0400 (EDT)
Received: by junior (SMI-8.6) id LAA17445; Tue, 10 Jun 1997 11:50:04 -0400
From: "Guru Tej S. Khalsa (ARC)" <khalsa@eos.hitc.com>
Message-Id: <9706101150.ZM17443@junior.HITC.COM>
Date: Tue, 10 Jun 1997 11:50:03 -0400
In-Reply-To: "Tom Atwater" <toma@eos.hitc.com>
"Re: Function Checker" (Jun 10, 11:36am)
References: <Pine.SGI.3.94.970610085536.16501J-100000@misfit.eos.ucar.edu>
<9706101136.ZM7261@mojave.HITC.COM>
X-Face:
"PEYh+opC:E]XQ'8yYQ>AB:rnD!VP6@io~PQqrdMLad}kh}bI'@Yiyx=_)Fz}o]~%<WsT]MwGV\$:X-
#xF2J7b6B"aHasW2rbD%OFCho.DBU^t"wsV+Y@r8~OQ1uR5\8\it.dh4Fp<C@y3~^VA-
~6we^{L+]x@&80GUE;I+PknpD+PbNfpmMoxIF<NK/{_6^zOj5#JtVsLPN`_zT-I7xXyYfm7*
X-Mailer: Z-Mail (3.2.0 06sep94)
To: "Tom Atwater" <toma@eos.hitc.com>, Rick McCloskey <rickm@ncar.ucar.edu>
Subject: Re: Function Checker
Cc: Charles Cavanaugh <cavanaugh@ncar.ucar.edu>,
Cheryl Craig <cacraig@ep.eos.ucar.edu>,
Christina Moats <moats@sorcerer.larc.nasa.gov>,
Jill Travers <D.J.TRAVERS@larc.nasa.gov>,
Paul Bailey <bailey@ncar.ucar.edu>,
Paula Detweiler <paula@sorcerer.larc.nasa.gov>,
Stan Scott <stanley.scott@gsfc.nasa.gov>,
Steve Kempler <steven.j.kempler@gsfc.nasa.gov>,
barbara.putney@gsfc.nasa.gov, dan.marinelli@gsfc.nasa.gov,
elarson@eos.hitc.com, fshuman@eos.hitc.com, larry@eos.hitc.com,

sberwick@eos.hitc.com, tom.goff@gsfc.nasa.gov,
vollmer@eosdata.gsfc.nasa.gov

Mime-Version: 1.0

Content-Type: text/plain; charset=us-ascii

Content-Length: 413

Status: ORr

If you are having difficulties reconfiguring the PCF and prohibited functions list file, please let me know and I will try to make sure you can make (practical) use of this tool in a timely manner.

Please send me an email or give me a call if you are having any difficulties with the instructions Tom Atwater sent you or if you run into any other difficulties.

Gurutej Khalsa
khalsa@eos.hitc.com
(301) 925-0760

From stanley.scott@gsfc.nasa.gov Tue Jun 10 13:46 EDT 1997

Received: from popb.gsfc.nasa.gov (popb-f.gsfc.nasa.gov [128.183.251.164])
by eos.hitc.com (8.8.5/8.8.4) with ESMTP

id NAA06895; Tue, 10 Jun 1997 13:46:18 -0400 (EDT)

Received: from [128.183.166.86] (eosscott.gsfc.nasa.gov [128.183.166.86]) by popb.gsfc.nasa.gov
(8.8.5/8.6.12) with SMTP id NAA17061; Tue, 10 Jun 1997 13:46:02 -0400 (EDT)

X-Sender: sscott@pop500.gsfc.nasa.gov

Message-Id: <v02130501afc33e5eb680@[128.183.166.86]>

Mime-Version: 1.0

Date: Tue, 10 Jun 1997 13:49:06 -0400

To: "Tom Atwater" <toma@eos.hitc.com>, Rick McCloskey <rickm@ncar.ucar.edu>

From: stanley.scott@gsfc.nasa.gov (Stan Scott)

Subject: Re: Function Checker

Cc: khalsa@eos.hitc.com, Charles Cavanaugh <cavanaugh@ncar.ucar.edu>,
Cheryl Craig <cacraig@ep.eos.ucar.edu>,
Christina Moats <moats@sorcerer.larc.nasa.gov>,
Jill Travers <D.J.TRAVERS@larc.nasa.gov>,
Paul Bailey <bailey@ncar.ucar.edu>,
Paula Detweiler <paula@sorcerer.larc.nasa.gov>,
Steve Kempler <steven.j.kempler@gsfc.nasa.gov>,
barbara.putney@gsfc.nasa.gov, dan.marinelli@gsfc.nasa.gov,
elarson@eos.hitc.com, fshuman@eos.hitc.com, larry@eos.hitc.com,
sberwick@eos.hitc.com, tom.goff@gsfc.nasa.gov,
vollmer@eosdata.gsfc.nasa.gov, stanley.scott@gsfc.nasa.gov

Content-Type: text/plain; charset="us-ascii"

Content-Length: 2891

Status: ORr

Hi Tom

I am glad to hear I don't have to go through the ESDIS CCB process to change the standards document. It is a much easier to fix the prohibited function checker file ; -)

You said in your message that *someone* has to write an NCR. Who is this

someone? I would feel better knowing a specific person has the action to write the NCR.

Thanks,
Stan

At 11:36 AM 6/10/97, Tom Atwater wrote:

>On Jun 10, 9:01am, Rick McCloskey wrote:

>> Subject: Re: Function Checker

>> Hi Tom,

>>

>> Here is the listing for the function checker at Langley:

>>

>> 2168892 Apr 16 22:36 /usr/ecs/Rel_A/CUSTOM/bin/DPS/DpAtMgrBadFunc*

>>

>

>This is the correct version.

>

>> and here are a few of the errors found:

>>

>> File: ingest/ComputeSignals.c Language: C Prohibited Functions: 12

>> Line 108: sig1 = (

>> Line 110: sig2 = (

>> Line 112: sig3 = (

>>

>

>OK, here's the story.

>

>For some reason we have 2 lines in the file

>prohibitedFunctionsC.txt that appear to be incorrect, namely

>sig...[

]*(

>tc...[

]*(

>

>These 2 lines are causing the behavior you see above:

>any string that begins with "sig" and is followed by a "(" is being flagged.

>We intended this to flag *function* names like "sigint(" .

>("

" is simply whitespace.)

>

>The problem is the "...".

>In your case the "..." is taken as "1 = ", whereas it was intended

>to be taken as something like "int" in "sigint".

>

>Developer Guru Tej S. Khalsa says that he believes that if you change the

>entries to

>sig[a-z]*[

]*(

>tc[a-z]*[

]*(

>

>that your problems will be solved.

>

>The [a-z]* means any string of alpha characters, repeated until a "("
>is found, is prohibited, which should cover "sigint(" but not "sig1 = "
>
>Naturally, someone will have to write an NCR to fix this,
>but in the meantime a simple workaround is to copy over
>this file to your home directory, edit it, and change the entry in
>your internal PCF \$PGS_PC_INFO_FILE to point to the local copy.
>
>I am under intense pressure right now to run ASTER PGEs on the EDC testbed,
>so I do not have time to test it -- but if you want to, I won't object ;-)
>(Please let us know the results if you do.)
>Otherwise, we can work the NCR when we get it.
>
>Note that this problem should only occur for variable names that
>begin with "sig" or "tc" -- no other variables should be affected.
>
>> I don't know if this is the version you thought was there, but for what it
>> is worth, I think checking only functions, and not variables is the ideal
>> solution, one we can definitely live with.
>>
>
>Good, because that is the intention.
>The "(" at the end of the string should ensure that only functions
>are flagged, not variables.
>
>Tom

=====
Stan Scott
ESDIS Project, NASA/GSFC Code 505
Greenbelt, Maryland 20771
e-mail: stanley.scott@gsfc.nasa.gov
phone: 301/614-5334
fax: 301/614-5270

From toma@eos.hitc.com Tue Jun 10 13:56 EDT 1997
Received: from mojave (mojave.HITC.COM [155.157.120.25])
by eos.hitc.com (8.8.5/8.8.4) with SMTP
id NAA07125; Tue, 10 Jun 1997 13:50:11 -0400 (EDT)
Received: by mojave (5.x) id AA07397; Tue, 10 Jun 1997 13:50:22 -0400
From: "Tom Atwater" <toma@eos.hitc.com>
Message-Id: <9706101350.ZM7395@mojave.HITC.COM>
Date: Tue, 10 Jun 1997 13:50:22 -0400
In-Reply-To: stanley.scott@gsfc.nasa.gov (Stan Scott)
"Re: Function Checker" (Jun 10, 1:49pm)
References: <v02130501afc33e5eb680@[128.183.166.86]>
X-Mailer: Z-Mail (3.2.0 06sep94)
To: stanley.scott@gsfc.nasa.gov (Stan Scott),
"Tom Atwater" <toma@eos.hitc.com>,
Rick McCloskey <rickm@ncar.ucar.edu>
Subject: Re: Function Checker
Cc: khalsa@eos.hitc.com, Charles Cavanaugh <cavanaugh@ncar.ucar.edu>,

Cheryl Craig <cacraig@ep.eos.ucar.edu>,
Christina Moats <moats@sorcerer.larc.nasa.gov>,
Jill Travers <D.J.TRAVERS@larc.nasa.gov>,
Paul Bailey <bailey@ncar.ucar.edu>,
Paula Detweiler <paula@sorcerer.larc.nasa.gov>,
Steve Kempler <steven.j.kempler@gsfc.nasa.gov>,
barbara.putney@gsfc.nasa.gov, dan.marinelli@gsfc.nasa.gov,
elarson@eos.hitc.com, fshuman@eos.hitc.com, larry@eos.hitc.com,
sberrick@eos.hitc.com, tom.goff@gsfc.nasa.gov,
vollmer@eosdata.gsfc.nasa.gov

Mime-Version: 1.0

Content-Type: text/plain; charset=us-ascii

Content-Length: 637

Status: OR

On Jun 10, 1:49pm, Stan Scott wrote:

> Subject: Re: Function Checker

> Hi Tom

>

> I am glad to hear I don't have to go through the ESDIS CCB process to
> change the standards document. It is a much easier to fix the prohibited
> function checker file ; -)

A tad faster too ;-)

> You said in your message that *someone* has to write an NCR. Who is this
> *someone*? I would feel better knowing a specific person has the action to
> write the NCR.

Well, it's generally the person who discovers the problem,
in this case Rick.

I left it nebulous because I didn't know who is officially
allowed to write NCRs.

Any volunteers? <g>

Tom

From stanley.scott@gsfc.nasa.gov Tue Jun 10 14:40 EDT 1997

Received: from popb.gsfc.nasa.gov (popb-f.gsfc.nasa.gov [128.183.251.164])

by eos.hitc.com (8.8.5/8.8.4) with ESMTP

id OAA10145; Tue, 10 Jun 1997 14:40:17 -0400 (EDT)

Received: from [128.183.166.86] (eosscott.gsfc.nasa.gov [128.183.166.86]) by popb.gsfc.nasa.gov
(8.8.5/8.6.12) with SMTP id OAA23848; Tue, 10 Jun 1997 14:39:58 -0400 (EDT)

X-Sender: sscott@pop500.gsfc.nasa.gov

Message-Id: <v02130503afc34f0da1cd@[128.183.166.86]>

Mime-Version: 1.0

Date: Tue, 10 Jun 1997 14:43:03 -0400

To: "Tom Atwater" <toma@eos.hitc.com>, Rick McCloskey <rickm@ncar.ucar.edu>,
Paula Detweiler <paula@sorcerer.larc.nasa.gov>

From: stanley.scott@gsfc.nasa.gov (Stan Scott)

Subject: Re: Function Checker

Cc: khalsa@eos.hitc.com, Charles Cavanaugh <cavanaugh@ncar.ucar.edu>,
Cheryl Craig <cacraig@ep.eos.ucar.edu>,

Christina Moats <moats@sorcerer.larc.nasa.gov>,
Jill Travers <D.J.TRAVERS@larc.nasa.gov>,
Paul Bailey <bailey@ncar.ucar.edu>,
Steve Kempler <steven.j.kempler@gsfc.nasa.gov>,
barbara.putney@gsfc.nasa.gov, dan.marinelli@gsfc.nasa.gov,
elarson@eos.hitc.com, fshuman@eos.hitc.com, larry@eos.hitc.com,
sberrick@eos.hitc.com, tom.goff@gsfc.nasa.gov,
vollmer@eosdata.gsfc.nasa.gov, stanley.scott@gsfc.nasa.gov

Content-Type: text/plain; charset="us-ascii"

Content-Length: 1159

Status: OR

Tom, Paula, Rick

Actually the best person to write the NCR is Paula. She is at the DAAC and knows how to write NCRs (I guess). Could you do it Paula? Rick would probably be happy to supply you with any more information you may need to complete the NCR.

Thanks,

Stan

At 1:50 PM 6/10/97, Tom Atwater wrote:

>On Jun 10, 1:49pm, Stan Scott wrote:

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>>

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>allowed to write NCRs.

>

>Any volunteers? <g>

>

>Tom

=====
Stan Scott

ESDIS Project, NASA/GSFC Code 505

Greenbelt, Maryland 20771

e-mail: stanley.scott@gsfc.nasa.gov

phone: 301/614-5334

fax: 301/614-5270

ECSed12464 FDD Ephemeris "output" files do not match FDD ICD 022598 Please describe the problem you are experiencing below, including what you did, what you expected to happen, and what actually happened:

The FDD "Ephemeris File" which is generated as one of the "output" files does not contain the header which is documented in the FDD ICD. It is my understanding that it is the "output" files which are automatically ftp'd to ASTER. Therefore, the workaround for this is for an FOT member to verify that the input file passed validation and then manually ftp this product everyday.

Note: This was observed in the ops/ops environment...but this form won't allow me to choose hornet/stork as servers.

Debbie Ramey
2/12/98

ECSed12464 FDD Ephemeris "output" files do not match FDD ICD 022598 Bug ID: ECSed12392
FOS_POST_RRR Submitted: 980223
CLOSE defect report Assigned-Eval: 980423
Assigned-Fix: 980423
Software: database 3 enclosures

"FDD Ephemeris "output" files do not match FDD ICD"

DETECTION INFORMATION	ANALYSIS INFORMATION
Detection method[*]: Normal Operation	Evaluate engineer: wlong
Detected in phase[*]: Acceptance Test	When_Planned:
Test Case ID: IS-1	Assigned to: wlong
Build ID: 2.1.1	Affect Subsystem[*]: DMS
Platform ID:	Analysis time (hrs): 2
Test Site[*]: EOC	Est. fix time (hrs): 2
Severity (1=Showstopper)[*]: 2	
NCR Priority (A=Launch Critical)[*]: B	
Related-DR: FOS1350	

SUBMITTER INFORMATION
Submitter: bseaman
Address: bseaman@puff

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Bug ID: ECSed12392 FOS_POST_RRR Assigned-Verify 980429
CLOSE defect report Verified 980730
Closed 980803

RESOLUTION INFORMATION	CLOSING INFORMATION:
Resolutions[*]: source code	Closing accepted by: @
Resolved by: wlong	
SLOC: 0	
Fixing time (hrs): 2	
Documentation affected (Y/N)? N	

When_fixed: 2.2.0E

TESTING INFORMATION:

Assigned test engineer: wscannel

VERIFICATION INFORMATION

Test Status (Pass/Fail)? : P

Elapsed test time (hrs): 2

Attachments (Y/N)? N (shannon@puff)

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***** Problem *****

Please describe the problem you are experiencing below, including what you did, what you expected to happen, and what actually happened:

The FDD "Ephemeris File" which is generated as one of the "output files does not contain the header which is documented in the FDD ICD. It is my understanding that it is the "output" files which are automatically ftp'd to ASTER. Therefore, the workaround for this is for an FOT member to verify that the input file passed validation and then manually ftp this product everyday.

Note: This was observed in the ops/ops environment....but this form won't allow me to choose hornet/stork as servers.

debbie ramey
2/12/98

***** Resolution (Added 980424 by wlong) *****

The output file was re-created and a header was present.

Bill Long

***** Verification (Added 980730 by shannon) *****

Related DR was verified at the EOC during testing on patch M
7/28/98

***** History *****

xdds 980223 114601 Submitted to FOS_POST_RRR by bseaman@puff
xdds 980223 124106 Enclosure "Problem" added by bseaman
xdds 980423 144500 N -> A (Assigned-Eval to wlong) by bseaman

xddts 980423 144505 A -> O by bseaman
xddts 980424 155123 Enclosure "Resolution" added by wlong
xddts 980424 155217 O -> R (Resolution = source code) by
xddts 980429 115520 R -> T by
xddts 980730 143739 T -> V by shannon
xddts 980730 143812 Enclosure "Verification" added by shannon
xddts 980803 095329 V -> C by @

ECSed14064 Communications Contact Scheduler is tied to NCC Connection 041698 Please describe the problem you are experiencing below, including what you did, what you expected to happen, and what actually happened:

The Communications Contact Scheduler Tool is not available to perform timeline scheduling of communications contact activities without an active connection to the NCC. Connection to the NCC should only be required for submitting schedule requests and receiving schedule results. If the NCC is down the FOT scheduler should not be prevented from adding communicating contacts to the timeline.

The current workaround is to use the setup.site file to simulate an NCC connection by using a PAS driver. This workaround will become quite cumbersome during normal operations.

Dawn Turner

4/9/98

ECSed11165

Missing ESDT 010798 NCR ID: ECSed09363

Status:

CLOSED

Submit Date: 971009

NCR Class: REL_B0_INFORMAL Project: RelB0_SysBld Enclosures: 6

NCR TITLE....

Several System ESDTs not pre-installed in Mini-DAAC

DETECTION INFORMATION....

REVIEW-ASSIGN INFORMATION....

Build Name[*]: August Demo

Evaluate Engineer: rmagill

Test Site[*]: Mini-DAAC

Assigned To: danderso

Detection Method[*]: Regression Test

Iteration [*]: Drop 4P

Detected-In-Phase[*]: Installation

Build ID: Rump + "9/22/97"

Test Case ID:

Platform ID: n/a

Severity (1=Showstopper)[*]: 2

Need fix by [*]: Critical

Mode [*]: Other

Trouble Ticket:

SUBMITTER INFORMATION....

Submitter: dmanion

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NCR ID: ECSed09363 Status: CLOSED

NCR Class: REL_B0_INFORMAL Project: RelB0_SysBld

Please describe your resolution to this problem:

EcCoMkDeliver modified to include ESDT's for installation package.

***** Verification *****

Please describe your verification:

The NCR Scrub on 7/1/98 determined that this problem has been overcome by events (OBE). Therefore, it is being closed.

Sheila Barriere
7/10/98

***** Closure *****

Describe the Reason for closing this NCR?

see verification

***** History *****

wwwweb 971009 132639 Submitted by dmanion from lo-pc2005.HITC.COM
xdds 971211 150956 Forwarded from SDSRV_RelB0 to RelB0_SDSRV by tonyw
xdds 971212 172332 Fields modified by michelle
xdds 971215 093128 N -> A (Assigned-to adupree) by adupree
xdds 971222 094914 enclosure "Problem" edited by wouyang
xdds 971223 094329 Forwarded from RelB0_SDSRV to RelB0_SDSRV_ESDT by adupree
xdds 971223 094331 Fields modified by adupree
xdds 971223 094422 Enclosure "Reason for Forwarding" added by adupree
xdds 971223 100941 enclosure "Reason for Forwarding" deleted by adupree
xdds 971223 100949 Fields modified by adupree
xdds 971223 101043 Forwarded from RelB0_SDSRV_ESDT to RelB0_SysBld by adupree
xdds 971223 101136 Enclosure "Reason for Forwarding" added by adupree
xdds 971229 171440 Enclosure "Analysis" added by cschwart
xdds 971229 171441 A -> R (Recommend-change = configuration) by cschwart
xdds 980107 201853 enclosure "Analysis" edited by rmagill
xdds 980107 201903 Fields modified by rmagill
xdds 980113 155706 enclosure "Analysis" edited by rmagill
xdds 980113 155801 Forwarded from RelB0_SysBld to RelB0_SysBld by rmagill
xdds 980114 220522 R -> A (Assigned-to rmagill) by rmagill
xdds 980205 172204 A -> A (Assigned-to danderso) by rmagill
xdds 980205 172253 A -> R (Recommend-change = configuration) by rmagill
xdds 980219 190838 Enclosure Resolution added by rmagill
xdds 980219 190838 R -> T by rmagill
xdds 980721 122254 Fields modified by sbarrier

xddts 980721 122315 Enclosure "Verification" added by sbarrier
xddts 980721 122315 T -> V by sbarrier
xddts 980721 122327 Enclosure "Closure" added by sbarrier
xddts 980721 122327 V -> C by sbarrier
xddts 980721 122421 Fields modified by sbarrier

ECSed06365 SGI NFS fails when accessing large file contents 042997 Please describe your resolution to this problem:

Kevin Lange has a workaround for this problem. He set all NIS automount maps (auto.home, auto.tools, etc) so that anything that is mounting the IRIX box, expands a variable \$VERS.

Example:

auto.home

-rw, intr, vers=\$VERS

auto.tools

-rw, intr, vers=\$VERS

On all clients the automounter command line needs to be changed to add -D VERS=2 (for Sun machines) and -D VERS=3 (for HP, SGI, DEC, and IBM machines)

Example:

automount -v -D ARCH=sun5.5 -D VERS=2

or

automount -v -D ARCH=hpx10 -D VERS=3

This enables the Sun clients to automount properly at version 2 and the other platforms at version 3.

NOTE: Hard mounts must be done using the -o vers=2 when mounting an IRIX NFS partition on a Sun client.

ECSed06365 SGI NFS fails when accessing large file contents 042997
Please describe your verification:

When NFS server is installed on an SGI platform, the workaround as indicated in the resolution should be applied.

ECSed06365 SGI NFS fails when accessing large file contents 042997
Describe the Reason for closing this NCR?

The workaround has been provided for the problem occurred on SGI-based NFS servers.

ECSed13165 ALOGs Fill Up With "Invalid Binding" Messages 031698 Describe the Reason for closing this NCR?

NCR Board approved closure with LaRC concurrence::

Shelia,

>From the CCB meeting of September 3, 1998:

Concurrence is granted for the following NCRs -

13175	13165	13161	15327	16728	16729
16730	16737	16721	16719	16480	15301

Concurrence is NOT granted for the following NCRs -

13771 - (From Jim Gallasso) "The assumption made for the implementation of multi-granule ESDTs is incorrect. The assumption is that if a multi-granule ESDT is used over a time period that each granule would represent a subset of the total time period.

"MISR has implemented the multi-granule ESDTs not based on time, but based on camera. Each instance of the multi-granule ESDT contains data for the same time period, but for a different camera.

"The resolution and the verification statements in this NCR are incorrect and should be withdrawn as they are based souly on an assumption. The workaround mentioned is also based on the same assumption which is inaccurate, therefore the workaround will not work.

"Since another NCR is open on the multi-granule ESDT issue, I recommend to the NCR board to close as a duplicate of: NCR 16745. Thank you."

14463 - The resolution to this problem is not clear. "What did you do to resolve this?"

Brian K. Engle
Tracking Ticket Administrator

ECSed11765 No data loaded in EcDmDictService_TS1 013098 NCR ID: ECSed11925
Status: CLOSED Submit Date: 980130
NCR Class: REL_B0_INFORMAL Project: RelB0_DMS Enclosures: 5

NCR TITLE....

No data loaded in EcDmDictService_TS1

DETECTION INFORMATION....

Build Name[*]: Drop 3
Test Site[*]: GSFC DAAC

REVIEW-ASSIGN INFORMATION....

Evaluate Engineer: gswope
Assigned To: gswope

Detection Method[*]: Inspection Iteration [*]: Drop 4
Detected-In-Phase[*]: Acceptance Testing
Build ID:
Test Case ID:
Platform ID: n/a
Severity (1=Showstopper)[*]: 1
Need fix by [*]: Emergency
Mode [*]: TS1
Trouble Ticket:

SUBMITTER INFORMATION....

Submitter: fenichel

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NCR ID: ECSed11925 Status: CLOSED
NCR Class: REL_B0_INFORMAL Project: RelB0_DMS

TO BE FIXED INFORMATION....

VERIFICATION INFORMATION....

Problem Type[*]: configuration Test Status (Pass/Fail)?: P
Recommended Change[*]: configuration Elapsed Test Time (Hrs): 0
Est. Fix Time (Hrs): 2 Verification Site[*]: EDF
Est. Compl. Date (yymmdd): 980205 Verified Build ID: Drop 4
Related NCR ID: N/A Verified Platform ID: n/a

CLOSING INFORMATION....

RESOLUTION INFORMATION....

Closing Reason[*]: Fixed

Resolution[*]: configuration CCR#/NCR#: none
Resolved by: kbanerje Closing accepted by: sbarrier
Indicate_SLOC[*]: Added
Num_SLOC: 70
Fixing Time (hrs): 6
Documentation affected (Y/N)? N
Affect CSCI: Gtway

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***** Problem (Added at 980130 by lou.fenichel) *****

During testing of the drop 3 data dictionary, data needed to be loaded into several tables. Scripts have been developed and tested but were not delivered to the SMC "and the DAACs". I've filed this as an NCR because either the scripts need to be delivered as part of the installation, or they need to be delivered and integrated into the data dictionary installation scripts. Additionally, the bcp.copyin.csh script "which does all of the data loading" got an inconsequential error when it tried to store a row in the DmDdSite table which was already loaded by the DmDdCreateAllRun.csh "installation script". In order to get testing going, we needed to transfer a directory from the VATC "with the guidance of the test team", and run it against our TS1 database.

***** Analysis *****

No data scripts are currently actually delivered as part of the DMS installation. Sybase bcp files need to be added to clearcase and added to the .install file in order to be installed. Also, the DDICT database creation script needs to call the bcp.copyin.csh script to automatically insert the data

***** Resolution *****

.dat files containing the data out of an existing database has been made a part of ClearCase and hence delivery. This is being installed by EcsAssist under dbms/DMS/data/V0ToEcsGateway It can be sucked into the database by bcp_copyin scripts which were part of original delivery. However the process of automatically loading the database has been deferred as this temporary workaround will be discarded when DDICT server starts doing its job

***** Verification *****

Please describe your verification:

The NCR Scrub on 7/1/98 determined that this problem has been overcome by events (OBE). Therefore, it is being closed.

Sheila Barriere
7/10/98

***** Closure *****

Describe the Reason for closing this NCR?

see verification

***** History *****

wwwweb 980130 090017 Submitted by lou.fenichel from gsfcows7.gsfcmo.ecs.nasa.gov
xdds 980203 153110 Cloned from ECSed11765 (RelB0_SysBld) by spetrone
xdds 980203 153110 Parent & Children Links Removed.
xdds 980204 115227 Forwarded from RelB0_SysBld to RelB0_DMS by michelle
xdds 980205 210204 N -> A (Assigned-to gswope) by gswope
xdds 980205 210445 Enclosure "Analysis" added by gswope
xdds 980205 210445 A -> R (Recommend-change = configuration) by gswope
xdds 980211 222045 R -> R (Recommend-change = configuration) by gswope
xdds 980211 222538 Enclosure Resolution added by kbanerje

xddts 980211 222538 R -> T by kbanerje
xddts 980712 124848 Fields modified by sbarrier
xddts 980712 124912 Enclosure "Verification" added by sbarrier
xddts 980712 124912 T -> V by sbarrier
xddts 980712 124927 Enclosure "Closure" added by sbarrier
xddts 980712 124927 V -> C by sbarrier

ECSed12565 Need To Run Same PGE With Same Data In All Modes 022798 Woraround for versions PDPS Patch and after:

DprID is constructed as follows:

The first six characters of pgeID followed by an optional tileId, followed by data start time and a three character random tag. The random tag is used only when there is a similar dprId that exists in that mode.

There is no awareness of other modes. (which is the problem--the fix will be to add the ability to check all modes for identical dprIDs and add a random tag, so that there is uniqueness of dprIDs across all modes.)

The data start time consists of only the relevant parts of the time.

For example a snapshot pge (like ASTER's ACT) will contain only the seconds and the minutes.

The workaround specified in the "WORKAROUND" does not apply to versions PDPS Patch and beyond.

Possible workaround:

1. Change the PGE name (first six characters only)
2. After the Activation of a DPR fails because of a duplicate jobId, create another dpr from the Production request editor with Adhoc ReProcessing as the processing type.
3. Changing the time range in the production request editor may not work.

The 3 character unique tag lowers the occurrence of this problem. Combined with the relatively easy workaround (No 2 in the above list), the severity of this problem should be downgraded to 3.

Naga Hariharan

ECSed13065 L70RWRS1 fails during preprocessing 031298 4/6/98
Manual workaround was implemented at the VATC to support test efforts to continue L7 testing. This workaround is NOT acceptable by test to deliver to sites (complex/takes 2-3 hours to implement). The problem has been identified and now being worked by INGEST development. Planned completion of code updates is 4/10.

PROBLEM: The error occurs as a result of the order in which the data is returned by SYBASE, the s/w needs to be modified to remove the dependency on the order of the data.

4/7/98

Identified problem w/ordering sequence from DB, must access s/w impacts and implement changes.

4/8/98

Evaluating proposed code changes with senior developers to determine the best solution.

ECSed14265 EcCoEnvCsh does not work 042398
EcCoEnvCsh does not work

Mary, forward this to RelB0_SysBld

On e0ais03, file /usr/ecs/TS2/CUSTOM/utilities/EcCoEnvCsh was changed from drop 3 to drop 4. SSIT staff source /usr/ecs/{MODE}/CUSTOM/utilities/EcCoEnvCsh as part of initializing the SSIT unix environment. This file includes a line:

```
setenv LD_LIBRARYN32_PATH \  
${LD_LIBRARYN32_PATH}:/tools/sybOCv11.1_32/lib:/tools/rogue70_new/lib
```

The problem is that \$LD_LIBRARYN32_PATH has no value when this script is sourced so it fails with a shell error:

```
LD_LIBRARYN32_PATH: Undefined variable
```

Our workaround was to set this variable before sourcing the file. Part of our SSIT environment file now reads:

```
#provide an initial value for $LD_LIBRARYN32_PATH  
#this env var is referenced by drop 4 file  
#/usr/ecs/$MODE/CUSTOM/utilities/EcCoEnvCsh  
if (! $?LD_LIBRARYN32_PATH) then  
    setenv LD_LIBRARYN32_PATH  
endif  
  
#source environment files for each host  
if (-e /usr/ecs/$MODE/CUSTOM/utilities/EcCoEnvCsh) then  
    source /usr/ecs/$MODE/CUSTOM/utilities/EcCoEnvCsh  
endif
```

\$LD_LIBRARYN32_PATH is not referenced by the ld man page so I am wondering what the variable is used for.

ECSed14165 Errors in EcTK*Mkcfg scripts when executed with ECS Assist 042098 When executing the mkcfg scripts for the Toolkit Patch 4.01, the files EcTkHDFMkcfg, EcTkHdfEosMkcfg, and EcTkToolkitMkcfg were found to be the incorrect versions, hence, errors occurred when executed. The correct files should have been redelivered prior to the release of Patch 4.01 but were not. They are in clearcase and should be moved to the baseline for Patch 4.01.

IMPACT: Incorrectly configures the toolkit and PDPS will not be able to run the PGEs. The workaround was to build the toolkit with the source code until the new Mkcfg scripts are delivered.

ECSed16765 The '.dataprovers' file for Ingest gets overwritten 080598 IMPACT....

The impact is minimal since there is an easy workaround.

WORKAROUND....

After using both Polling with and without Delivery Record options of the 'mkcfg' function immediately edit the .dataproviders file to replace any missing Data Provider Names prior to continuing with the 'mkcfg' function. This will ensure that all Polling config files will be generated.

ECSed16965 SSIT: Local Tile Flag not handled properly. 081398 IMPACT....

PGEs that want to take as input Tiles that were created by previous PGEs will not be registered correctly. This will cause a failure when trying to schedule them.

See WORKAROUND for a way to workaround the problem.

-- M. Mauthe

ECSed17665 V0Gateway does not handle UTC time returned from SDSRV during Search 090498 IMPACT....

The time listed with SDSRV does not match what is returned to BOSOT. Search is incorrect.

No workaround

ECSed11266 Cannot Invoke Planning Timeline 011298 Once plans have been created using the Planning Workbench, the user is unable to start the Planning Timeline. The timeline will not start regardless of whether planning workbench has been invoked or not. When trying to bring up the Planning Timeline, the following error messages are displayed:

```
""CRIT" HObject::newObj, error getting class name from XDR stream"  
""CRIT" HObject::newObj, error getting HObject from XDR stream, class: HObjList"  
""CRIT" HObject::newObj, error getting HObject from XDR stream, class: PICIMsgGetPlansRsp"  
SrmCliNoid::dispatchRequest"" sync send of PICIMsgGetPlans failed, got NULL back  
PITlAppl::loadAllPlans no list  
PITlAppl::loadAllPlans no list stat = :0  
PITlAppl fatal error - unable to load names of all avail plans  
SrmCliNoid::requestIntrsts"": interests .
```

This impacts testing, because the Timeline cannot be invoked in the OPS mode. At the time of this NCR there is no workaround.

***** Additional Information / Severity Change requested 1/15/98

There is not a workaround for this problem. It has been investigated but the exact cause has not been determined. In light of this, this problem should be elevated to a Severity 1 NCR. Development has agreed to this change request.

IMPACT: The schedule for DPR execution can not be visually displayed. It is not possible to determine the time DPRs are predicted to execute from the database. This problem completely blocks one test case and impedes about 6 other test cases. I would expect this to be an impediment at the sites which are receiving this drop of software as well.

ECSed11366 Create Contact Intro file added to the site specific cnfg 011498 PROBLEM DESCRIPTION....

The IoAdSiteSpecific.cnfg file needs to be updated to add the IOS Html file path, CreateContactIntro, in order to read the config file.

The IoAdCreateContactIntro.html file has end of line breaks that are causing java script errors.

The workaround fix in the VATC was to update the config file and html file. The updates no longer cause the java script errors.

ECSed14066 Unsuccessful DNS Connection to PAS/NCC services 041698 Please describe the problem you are experiencing below, including what you did, what you expected to happen, and what actually happened:

The planning and scheduling software could not use the DNS to successfully connect to the NCC schedule request and schedule results services.

The workaround is to put the NCC test system IP address in the setup.site file. This workaround is not an acceptable operational workaround because it does not support automatic service reconnection upon NCC failover.

Dawn Turner

4/9/98

ECSed07366 Problem on Limits of filename length in Toolkit. 062697 limits

Toolkit has

on filename length. The .met file name was extremely

long causing the PGE to terminate. A workaround

at SSI&T was to halt processing, rename the file and

then restart the job.

Langley TTID: Id000163

ECSed12266 Get Server Binding returns invalid binding handle 021798 IMPACT....

Causes failure of context handle recreation. Binding handle is needed to return to the IDG supplied fault handler. This makes the implementation of recreating the server context for rebinding a client more difficult since the client does not rebind.

Calin has a software workaround for this problem which allows context handling to succeed, but it is a difficult work around and may be hard to maintain.

ECSed13666 Add ESDT script has bad default DBARCH value 033098

Either use the Data Server GUI to install ESDTs, or change the incorrect line in question to

```
[ -z "$DBARCH" ] && DBARCH="DRP1_${MODE}:VG20"
```

Tom A. 30-Mar-98

ECSed15466 EcPICleanup script missing from t1pls01 061098
PROBLEM DESCRIPTION....

The EcPICleanup script was not delivered to t1pls01 in the VATC.
However the script was on t1pls02. The workaround was to ftp to t1pls01
from t1pls02 and chmod 755. to complete installation.

ECSed15466 EcPICleanup script missing from t1pls01 061098
Need to include the cleanup script in the Imakefile's
deliverables section so that it can be delivered to
DAAC.

workaround:

See the "problem" section.

ECSed16366 Insufficient Tivoli DB space 072298 Changes were made to the performance
parameters "Swap space, Load Averages,
CPU utilization,etc." to trigger events. When initiating events
to be sent to the Tivoli Event Console, a clean up script "clean_tivoli.csh"
has to be run first. This script was created by Richard Synder as a workaround
for the current problem - lack of DB space "maybe". If this clean up script is not run,
it takes a long time for processes "Distribute now and testers2"
to complete. Please note this test was done with 4P1 code. In the Build
Name section of this NCR form, 4P1 is not listed as an option.

ECSed16666 HW/SW Mapping issue 073198 The is a LOCAL NCR to be
forwarded to ECS Rel B0 M&O as a need for documentation
"Severity 2" .

THIS IS AN INFORMATION NCR TELLING ECS TO FIX THE PROCESS.

ECS needs to provide, weeks prior to a drop, documentation for
identifying major hardware/software changes to hw/sw mappings.
This must be part of the Build Plan.

Submitted for Jim VerMeer

The 4P1 HW/SW mapping calls for e0ais02 being our primary
AIT workstaion. We have not used this machine in the past
so it is not populated/configured with COTS,
and therefore not at baseline.

Locally , we will need to insatl COTS on e0ais02 to bring up to baseline.
As a workaround while this is underway, we will use e0ais03 as our primary workstation.

Impact: unable to perform checkout/unexpected
allocation of Sys Adm resources to install COTS

ECSed16766 Ingest mkcfg - Polling w/out DR function problem 080598

IMPACT....

The impact is minimal since a simple workaround exists.

WORKAROUND....

After adding the first record using the Polling without Delivery Record option simply Exit the option and then re-enter the option to add the second record.

ECSed09367 "Pseudo" privilege required to operate STMGT 100997 "Pseudo" privilege is needed to operate STMGT. If user accounts are not properly configured on a new installation, operators will have to issue a priority 1 NCR, for each installation, to continue. Suggest that the account setup provide all privileges, or that the STMGT code be fixed to workaround the problem.

Submitted-on: 971009

ECSed12767 GROUND PROCEDURE CONTAINING EU DIRECTIVE FAILS 030598 Please describe the problem you are experiencing below, including what you did, what you expected to happen, and what actually happened:

When executing a ground procedure that contains "EU" directives, the FOS software reaches a point of failure when sending "EU CDH_IR_DAS_BDU_EPCA SEL=355 STRING=100: to the parser. The following sequence of messages are received during the procedure execution attempt via the ECL command invocation "START EU_DIRECTIVE_PRC":

1998/058 17:07:47.295 --- FOS FUI steelhead 0

Procedure Controller Starting procedure EU_DIRECTIVE_PRC

1998/058 17:07:47.323 --- FOS FUI steelhead 0

Sending MSG "EU CDH_IR_DAS_BDU_EPCA SEL=355 STRING=100" to parser

1998/058 17:07:47.664 --- FOS FUI steelhead 0

"EU CDH_IR_DAS_BDU_EPCA SEL=355 STRING=100"

1998/058 17:07:48.678 --- FOS FUI steelhead 0

Sending EU CDH_IR_DAS_BDU_EPCA SEL=355 STRING=100 to parser

Also attempted to execute the procedure using the Procedure Control Tool and obtained similar results so the tool was terminated. Event messages follow:

1998/058 17:20:16.140 --- FOS FUI steelhead 0

Procedure Control Window Started

1998/058 17:21:49.451 --- FOS FUI steelhead 0

Procedure Controller Starting procedure EU_DIRECTIVE_PRC

1998/058 17:22:06.773 --- FOS FUI steelhead 0

Sending MSG "EU CDH_IR_DAS_BDU_EPCA SEL=355 STRING=100" to parser

1998/058 17:22:06.819 --- FOS FUI steelhead 0

"EU CDH_IR_DAS_BDU_EPCA SEL=355 STRING=100"

1998/058 17:22:24.168 --- FOS FUI steelhead 0

Sending EU CDH_IR_DAS_BDU_EPCA SEL=355 STRING=100 to parser

NCR TITLE....

Firewalls prevent work

DETECTION INFORMATION....

Build Name[*]: Drop 3
Test Site[*]: EDC DAAC
Detection Method[*]: Inspection
Detected-In-Phase[*]: Installation
Build ID: 3.0.2
Test Case ID:
Platform ID: n/a
Severity (1=Showstopper)[*]: 2
Need fix by [*]: Critical
Mode [*]: Other
Trouble Ticket:

REVIEW-ASSIGN INFORMATION....

Evaluate Engineer: bpeters
Assigned To: bpeters
Iteration [*]: Drop 4P

SUBMITTER INFORMATION....

Submitter: dzokaite

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NCR ID: ECSed12240 Status: CLOSED
NCR Class: REL_B0_INFORMAL Project: RelB0_Sys_Engr

TO BE FIXED INFORMATION....

Problem Type[*]: COTS/OS
Recommended Change[*]: design
Est. Fix Time (Hrs): 12098
Est. Compl. Date (yymmdd): 980430
Related NCR ID: N/A

VERIFICATION INFORMATION....

Test Status (Pass/Fail)? : P
Elapsed Test Time (Hrs): 1
Verification Site[*]: EDF
Verified Build ID: Drop 4P
Verified Platform ID: n/a

CLOSING INFORMATION....

RESOLUTION INFORMATION....

Resolution[*]: COTS/OS
Resolved by: bpeters
Indicate_SLOC[*]: Not Applicable
Num_SLOC: 0
Fixing Time (hrs): 120
Documentation affected (Y/N)? Y
Affect CSCI: CSS

Closing Reason[*]: Fixed

CCR#/NCR#: none
Closing accepted by: sbarrier

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***** Problem *****

Firewalls prevent work

Forward this to EDF for their information and have EDAAC staff change local firewalls.

The xterms mounted on the M&O LAN are unable to connect to any platform on the B0 network to provide a unix prompt. Once this is corrected, we

expect problems bringing up GUIs which are spawned from the B0 network. (Our inefficient workaround is to work in room 1510 and not in our offices.)

e0mos01 is unable to ftp to machines on the B0 network. (Our workaround is to ftp from B0 to e0mos01.)

Mike Theobald, Tom Atwater, Feng Huang (and possibly Judy Zhuang) of EDF will need to remotely login to B0 and bring up GUIs. If need be, the source of their logins can be restricted to the miniDAAC AIT machine, calahans.hitc.com. We will need their assistance in debugging and trouble shooting many SSIT problems. Without their assistance (and remote access!) SSIT will proceed much more slowly (if at all).

When working from a B0 machine, I am unable to execute GroupWise or WordPerfect on edcsns1.

Secure shell should soon be propagated to M&O and B0 networks at EDAAC. This should solve some of the above problems.

David Zokaites

***** Analysis_1 (Added 980226 by mfreche) *****
Per David Zokaites on 2/19/98:

On Feb 19, 1998 I joined part of a TTT (trouble ticket telecon) and learned that Byron Peters at EDF is working on security; installing secure shell requires a purchase and might not happen for 2 months; running GroupWise from B0 might have to be solved locally.

***** Resolution (Added 980330 by bpeters) *****

Secure access to production hosts is a design feature of the DAAC network. ECS is required to provide protection of the archive to a NASA Sensitivity Level 2 which means that *any* account that has write access on ECS DAAC assets be strongly authenticated. Strong authentication provides cryptographic means of verifying that a user/account is who they say they are. Telnet, rlogin, and rsh do not provide strong authentication and therefore will be disabled before launch. A drop in replacement for the "r commands" (rlogin, rexec, rsh, rcp) called secure shell has been tested and has been approved for deployment. We are in the final tweaking stage of packaging the product and it should be complete at all the DAACs by the end of April. With secure shell, developers at Landover will, as requested, be able to provide direct support for the DAACs from their desktops.

This solution provides maximum flexibility with maximum security. This close to launch, there is not a lot more that can be done to improve the environment past this solution and the recommendation is to close this NCR.

***** Analysis *****

Please describe your Analysis:
See resolution enclosure.

***** Verification *****

Please describe your verification:

7/10 Scrub - Not a Bug

***** Closure *****

Describe the Reason for closing this NCR?

see verification

***** History *****

xddts 980217 114300 Submitted to EDAAC_TT by dzokaite@puff
xddts 980217 114657 Enclosure "Problem" added by dzokaite
xddts 980217 185727 enclosure "Problem" edited by mfreche
xddts 980217 185845 Fields modified by mfreche
xddts 980217 192516 Forwarded from EDAAC_TT to RelB0_Impact by mfreche
xddts 980219 130715 Forwarded from RelB0_Impact to RelB0_Sys_Engr by sbarrier
xddts 980219 130718 Fields modified by sbarrier
xddts 980219 130826 N -> A (Assigned-to bpeters) by bpeters
xddts 980226 123234 Enclosure "Analysis_1" added by mfreche
xddts 980330 114116 Enclosure "Resolution" added by bpeters
xddts 980330 114245 Enclosure "Analysis" added by bpeters
xddts 980330 114245 A -> R (Recommend-change = design) by bpeters
xddts 980330 114509 R -> T by bpeters
xddts 980710 183803 Enclosure "Verification" added by cwhitake
xddts 980710 183803 T -> V by cwhitake
xddts 980721 141115 Fields modified by sbarrier
xddts 980721 141126 Fields modified by sbarrier
xddts 980721 141132 Fields modified by sbarrier
xddts 980721 141151 Enclosure "Closure" added by sbarrier
xddts 980721 141151 V -> C by sbarrier

ECSed14067 Event Handler Errors and Re-Start of Event Processor 041698 Forwarding this to M&O for implementation of the COTS configuration workaround. Recommend changing configuration as Naga indicates in the workaround enclosure. This will end the shutdowns.

Clarence Pinto, who configures Autosys in the EDF and mini-DAAC says that Fred Recio configures Autosys at the DAACs.

The issue of why Autosys is generating these alarms is covered in NCR ECSed14437. DPS has the action item to find out why Autosys is generating the alarms and will keep 14437 open until that is resolved.

Recommend M&O close this NCR when the DAAC Autosys configurations are changed and the shutdowns no longer occur.

ECSed14267 PRONG: RsrcMgmt unable to delete external dynamic data 042398 IMPACT....

When processing disks get full, if the oldest unused data granule is of external dynamic type, then the staging job will fail. Since the disk space reclamation logic is common to all dprs, all staging jobs will fail once the disk space is full and the one that is eligible to be deleted is of external dynamic type. This would halt production.

Workaround: The workaround is get the two tables in sync. This is not easy to do, as the information (filename) is stored differently in the two tables.

ECSed15567 SSAP GUI won't invoke 061598 IMPACT....

The IMPACT is that the user cannot invoke the SSAP GUI. The user can use other tools to insert and acquire SSAP, but since there is a simple workaround there is no immediate impact on the subsystem.

By adding HOST = <AIT Machine> (i.e. HOST = t1ais01) to EcDpAtSSAPGui.CFG, the user can invoke the SSAP GUI.

ECSed15767 PIWb: Can't schedule dependent DPR alone although predecessor completed 062398 IMPACT....

There are a number of workarounds to handle this:

- 1) Can simply delete the ACT PR from the Production Request Editor, cycle the Planning Workbench, and then create the ETS plan.
- 2) Should be able to activate the plan with both the ACT & ETS PRs in it, and we should ignore the ACT DPR since its completion state is SUCCESS, but currently this won't work due to another bug.

ECSed16267 TDRSS contacts for RFSOCC disappeared mysteriously for the 2nd time 071698 Please describe the problem you are experiencing below, including what you did, what you expected to happen, and what actually happened:

During RFSOCC test preparations, 18 TDRSS contacts were scheduled on the

Timeline and submitted to NCC. the following day we went to verify the contact times and the Timeline was empty. TDRSS contacts, FDD data, and Interview Times were deleted. The same problem was seen during last week's test preparations.

Operational Impact:

This is a major impact to scheduling operations because we have to contact NCC and verify the times of the submitted contacts. The workaround is cumbersome and unacceptable.

Wendy Cain

7/9/98

ECSed18667 No capability to take snap to printer 072298 Please describe the problem you are experiencing below, including what you did, what you expected to happen, and what actually happened:

The FOS does not provide the capability to snap a window to printer.

An operational workaround exists.

F-FUI-01600(a) and F-FUI-01605 failed.

Jack Tsou

7/22/98

ECSed07968 DAS Process hanging in Load Queuer 072897 If A job is 'processing' in the Load Queuer, it is waiting for a status from CMS (either success, failure or pending). This message was never received. Suspect that one of the CMS processes died, and that the Load Queuer did not detect it (see NCR 7968).

Jobs will remain in the Load Queuer, even if you kill it and restart it. If you need to remove the job, then delete the lq.db file in the CONFIG_DIR directory.

This is not a level 1 problem, as a workaround exists.

ECSed15568 Allocating Resources fails 061598 IMPACT....

The IMPACT is that allocation fails when running PGEs, since there is a workaround there is minimal impact on the subsystem.

By adding DpPr_PGS_COMMANDS = <any value>, to EcDpPrEM.CFG, EcDpPrDM.CFG and EcDpPrJobMgmt.CFG, allocating resources no longer fails.

ECSed15568 Allocating Resources fails 061598 Please describe your Analysis:

During creation of an Execution Manager object the config parameter name for pge commands is available for use. So, this process attempts to retrieve the value for that config parameter name. This should not happen because the value for pge commands is obtained from the PDPS database by DPS instead of the config file.

The workaround requires the user to edit configuration files. The value for the pge commands that processing is looking for can be garbage because it is not used downstream.

ECSed16868 JEST Mkcfg: Puts server.cfg file in wrong place. 081098 When JESS starts up, it will not be able to find the server.cfg file and will not be able to read its configuration. This will cause everything in JEST to fail. The workaround is to move the file to the correct location after the installation.

ECSed18668 Table data not included in report in engineering format (Hex only) 072498 Please describe the problem you are experiencing below, including what you did, what you expected to happen, and what actually happened:

The table load reports need to include a record of the uplink data in engineering units. The data needs to be listed by field number. This is in addition to the converted HEX value representation of data currently in reports. The only workaround is to screen snap the Table Load Builder tool. This requires multiple snaps for larger tables.

ECSed11569 ServerUR.map file has incorrect site entries. 012398

This NCR should not be a level 1 since the submitter already knows of a workaround.

Damian Anderson (01/29/1998)

ECSed11969 User Registration - Incorrect netscape error 020498
IMPACT....

The impact to the user should be very little. The workaround is to enter the e-mail address if the user is aware that this is his problem.

ECSed13169 ECS Assist can refresh control scripts when changing components 031698
IMPACT....

Without using a work around it would not be possible to re-install the S/S components.

The workaround is to over write the .component file that is already installed in the mode with a new one before you bring up ECS Assist.

ECSed13169 ECS Assist can refresh control scripts when changing components 031698 This is a problem that was observed when re-installing DPS in the functionality lab. This re-installation was for NCR fixes that ECSed11601, ECSed12673, ECSed11093, ECSed10446 & ECSed12735. If these NCRs were to go in a DROP4 patch, then re-installing a mode which previously had DROP4 code on it will cause this problem.

The fix lies in correcting the ecs -assist scripts. DPS does not have to fix anything. For this reason, this NCR should be forwarded to sys_bld.

Because of the rare occurrence of this problem, and also the easy workaround, it is not necessary to fix the problem. The workaround should be documented and should go with the above mentioned NCRs

-- Naga Hariharan

ECSed14069 Can't resend Schedule Requests that are in "Submitted" or "Pending" 041698 Please describe the problem you are experiencing below, including what you did, what you expected to happen, and what actually happened:

Currently the communications contact scheduler does not give the FOT the ability to re-send schedule requests to the NCC if the schedule requests are in the "submitted" or "pending" state

This capability is very important for operations. If the NCC has a failure, the FOT may have to re-submit their schedule requests. Currently, the only workaround is to manually delete and re-schedule each communications contact activity. This is unacceptable and time consuming operationally because the FOT will routinely batch schedule several hundred schedule add requests each week.

At the time this DR was written, there was no workaround for re-submitting "pending" requests (ref DR FOS1694, NCR 13479)

Dawn Turner
4/9/98

ECSed17369 Planning Workbench does not activate DPRs after removal from queue 082498 IMPACT....

If the user removes jobs from the queue by activating another plan, the user will not be able to reactivate the DPRs at a later time. The workaround would be to delete the Production Request, recreate the Production Request and reactivate the production request.

ECSed18069 CsFtFtpRelA class causes memory corruption and lost database connections 092498 There is no thread-safe version available right now for gethostbyname() for SGI. SGI consultant Lawrence Bertodi has promised to get in touch with their DCE group to find out some kind of workaround. Meanwhile related NCR ECSed17933 is being worked upon to simplify the code, and to make it more simple and reliable, and thus do away some other memory problems.

ECSed18069 CsFtFtpRelA class causes memory corruption and lost database connections 092498 The problem with this NCR and NCR 17933 are being tackled simultaneously because they all relate to the FTP mechanism.

Work done till now

-
1. Simplification of the existing convoluted mechanism of double forking and piping to a simpler code where a single pipe does the job. This solution works fine on Sun and HP - core dumps on SGI while closing the pipe opened by exp_popen() - an Expect library function
 2. The normal p2open or popen can not be used anyway because they are not thread-safe. So now work had been done to that direction.
 3. Development of the code using system calls to "ftp", redirecting the results into a log file, and parsing the log file for error outputs. This is also discarded as the mechanism is cumbersome and the system call being thread unsafe.
 4. Using an FTP library - shareware of Rogue-Wave. Shareware approach has been preferred by the STMGMT group who has agreed to polish their existing downloaded version of the code, and the according wrappers they have already produced giving it a more Object-Oriented feel as well as putting in some more error checks.
 5. The infamous problem of gethostbyname() being thread-unsafe on SGI. In collaboration

with SGI consultant, we have come up with our workaround version of re-entrant version gethostbyname_r simulating the similar call on SGI. This problem is not specific to this NCR only. A meeting is to be held on Oct. 15 to replace all other gethostbyname usages by gethostbyname_r - the SGI version of which is ready for merge - and the SUN version of which is already available.

Work left unfinished for closing this NCR.

-
1. Testing of the STMGT code for FTP (using Shareware FTP library)
 2. Merge of gethostbyname_r

ECSed09970 hdiff does not work on g0ais01 111797 Tried running /data1/TS1/CUSTOM/bin/DPS/hdiff on g0ais01 on a V1 SSI&T HDF output file and its comparison file and hdiff reported that the values of the second file were all 0. Tried running /data1/TS1/CUSTOM/bin/DPS/hdiff on g0ais01 on the first HDF file and a copy of the file "i.e., comparing a file to itself" and hdiff reported that the values of the second file were all 0. The files tested are:

 /home/jdavis/MOD.AM1.V1.atmos_anc.L2.D1996216.000658
 /home/jdavis/MOD.AM1.V1.atmos_anc.L2.D1996216.000658.tlcf
 "the comparison file" and
 /home/jdavis/MOD.AM1.V1.atmos_anc.L2.D1996216.000658.copy
 "an exact copy of the first file"

There is no known workaround for this, as hdiff is not available on g0spg01.Submitted-on: 971117

ECSed10170 PIPREditor - DPR explosion 112797 Please describe your Analysis:

The ability to "re-execute" a DPR is something that will be accomplished during our "Ad Hoc Reprocessing" task. This is currently in the latter stages of coding. We no longer even deliver the "reset_to_post_ssit.csh" script for the exact reasons given in the Problem statement. When the Ad Hoc Reprocessing task is delivered, we will also close this NCR.

We are also working to put in place a mechanism where we can provide more informative pop-up error messages. Currently, this is not possible given the interface between the Production Request Editor GUI and our underlying libraries. This interface is currently being changed as part of another NCR, and once that happens we can address other error conditions that require this interface. In any case, the ALOG file should provide a good error message now.

IMPACTS - Running a DPR twice is more tedious since the workaround must be used.

WORKAROUND - Operator must first delete the DPR from the Production Request Editor "DPR List" screen and then resubmit the PR as before.

ECSed15570 Can't talk to Job Management Server 061598
IMPACT....

The workaround is to append _OPS to oid_EcDpPrJobMgmt in the EcDpPrJobMgmt.CFG file.

ECSed18670 Inconsistent naming convention of Binary load files 072498 Please describe the problem you are experiencing below, including what you did, what you expected to happen, and what actually happened:

The naming convention for the binary files (EX: AM1_MPR_MODIS_OFFSET_PFM_070209.BIN failed ingest with a "User not authorized to generate this load" message. When the file was renamed to "AM1_MPR_MOD_OFFSET_PFM_0702098.BIN", the load was ingested successfully.

This same problem happened during the previous weeks' test. The file that determines the correctness of the load names (FuBbLoadInit.cnfg?) contains "MODIS" and "MOD" throughout the file. This naming convention should be consistent throughout this file and any others. In addition, this may be applicable to each instrument.

NOTE: To workaroud this problem, the MODIS personnel running the test renamed the files to ensure successful ingest.

ECSed08671 Room Builder, saving new Room Problem 083197 This NCR is failed to be verified because of the following error message: "fostest2: not authorized to Build Local rooms".

The severity is upgraded to 1 per Sheila's comment because the room can not be built and there is no workaroud.

Jack Tsou

2/2/98

ECSed11871 ECS Assist Security Hole 020298 -----

NCR ECSed11871: This should not be a level 1 NCR as there is a simple workaroud, and even a simple solution without changing any code. The original design intended that the cell-admin keytab file would not be open to the whole world to read. It was intended to be readable only by someone in an administrative group. However, the file has been installed at the sites with all permissions wide open.

Only those who can read the cell admin keytab file can create CDS entries. So, by controlling the UNIX permissions on the file:

/tools/common/data/ea/EcCoAdm.Keyfile

you can control who is allows to create CDS entries and keytab files from ECS Assistant. This is a configuration issue and not a software issue.

Damian Anderson (02/02/1998)

ECSed12271 Firewalls prevent work 021798 Firewalls prevent work

Forward this to EDF for their information and have EDAAC staff change local firewalls.

The xterms mounted on the M&O LAN are unable to connect to any platform on the B0 network to provide a unix prompt. Once this is corrected, we

expect problems bringing up GUIs which are spawned from the B0 network. (Our inefficient workaround is to work in room 1510 and not in our offices.)

e0mos01 is unable to ftp to machines on the B0 network. (Our workaround is to ftp from B0 to e0mos01.)

Mike Theobald, Tom Atwater, Feng Huang (and possibly Judy Zhuang) of EDF will need to remotely login to B0 and bring up GUIs. If need be, the source of their logins can be restricted to the miniDAAC AIT machine, calahans.hitc.com. We will need their assistance in debugging and trouble shooting many SSIT problems. Without their assistance (and remote access!) SSIT will proceed much more slowly (if at all).

When working from a B0 machine, I am unable to execute GroupWise or WordPerfect on edcsns1.

Secure shell should soon be propagated to M&O and B0 networks at EDAAC. This should solve some of the above problems.

David Zokaites

This is a clone of 11240 which was forwarded to Rel B0

ECSed12371 Correction Needed to PGS_MET.f In Toolkit_3.02.tar.Z 022098 NCR ID: ECSed12030
Status: CLOSED Submit Date: 980206
NCR Class: REL_B0_INFORMAL Project: RelB0_Toolkit Enclosures: 7

NCR TITLE....

PGE compile fails due to Toolkit include file error

DETECTION INFORMATION....

REVIEW-ASSIGN INFORMATION....

Build Name[*]: Patch 3.02	Evaluate Engineer: ctsai
Test Site[*]: Mini-DAAC	Assigned To: ctsai
Detection Method[*]: Engineering Test	Iteration [*]: Drop 4
Detected-In-Phase[*]: Unit Test	
Build ID:	
Test Case ID:	
Platform ID: lasher	
Severity (1=Showstopper)[*]: 2	
Need fix by [*]: Emergency	
Mode [*]: OPS	

SUBMITTER INFORMATION....

Submitter: toma

***** workaround (Added 980206 by toma) *****

Assuming you have the proper permissions, edit the Toolkit code
in question so that it looks like

! AUTHOR:

! Alward Siyyid
! Carol S. W. Tsai / Space Applications Corporation

!

! HISTORY:

! 15-Jun-95 ANS Initial version
! 18-Mar-96 ANS updated for tk5+
! 26-Nov-97 CSWT Added new definition for strings "PGSd_MET_MAX_STRING_SET_L"
! and "PGSd_MET_MAX_ARRAY_ELEMENT_SIZE"
!

(Note change on 3rd line from "|" to "!" .)

Recompile code.

Tom A. 6-Feb-98

***** Analysis *****

Please describe your Analysis:

This is already fixed in Dtop 4. We'll use this NCR as a lien against Pre-Drop 4
installs to have the installers update the file during installation.

***** Resolution *****

Please describe your resolution to this problem:

Made the line a real comment.

***** Verification *****

Please describe your verification:

This has been verified in the MiniDAAC and at GSFC and EDC, by Leo Magday,
Dontrell Pinder, and Tom Atwater. The FORTRAN code was compiled for Drop 3, 3.5, and 4.

Without this fix, the code would not have compiled.

***** Closure *****

Describe the Reason for closing this NCR?

The NCR Board approved this NCR to be Closed on 5/4/98.

***** History *****

xdds 980206 150421 Submitted to RelB0_Toolkit by toma
xdds 980206 150652 Enclosure "Problem" added by toma
xdds 980206 150838 Enclosure "Impact" added by toma
xdds 980206 151102 Enclosure "workaround" added by toma
xdds 980209 123610 N -> A (Assigned-to ctsai) by ctsai
xdds 980209 123825 Enclosure "Analysis" added by ctsai
xdds 980209 123825 A -> R (Recommend-change = source code) by ctsai
xdds 980303 092711 Enclosure Resolution added by ctsai
xdds 980303 092711 R -> T by ctsai
xdds 980430 084922 Enclosure "Verification" added by darringt
xdds 980430 084922 T -> V by darringt
xdds 980504 160544 Enclosure "Closure" added by sbarrier
xdds 980504 160544 V -> C by sbarrier

ECSed13371 MISL0MTR misspelled in the InDataTypeTemplate.data file that is deliv. 032398
IMPACT....

The MISL0MTR data can not be ingested and archived. The impact is minimal
since there is a simple workaround (see below).

WORKAROUND....

Manually fix the spelling in the InDataTypeTemplate database table using
isql.

ECSed16571 SubsMgr: Loses notification after 1 retry if Job Mgmt is down 073198 PROBLEM
DESCRIPTION....

For fault recovery testing, we brought Job Management server down and inserted
a data granule that was needed to kick off a DPR that was activated and in
the queue waiting for that data. Subscription Manager got the notification,
did the query on sdsrv, then tried to connect to Job Mgmt. It failed (as
expected) because Job Mgmt was down. It retried one time to reconnect to
Job Mgmt. On the retry, it deleted the entry from PInotifications and did
not retry again.

WORKAROUND: Use the Job Mgmt client to release the DPR. The DPR id is

printed in the Subscription Manager .ALOG file.

A partial automatic workaround is to set DpPr_WAIT_PERIOD to a relatively high value (15 minutes was suggested). This would give Job Management a chance to come up before the first retry attempt.

ECSed17471 V0Gateway does not read CANCEL in the PACKAGE_ID in ODL (EDC DORRAN)
082798
IMPACT....

Landsat 7 Billing and Accounting test

No workaround

ECSed18971 Subscription Notifications lack Critical Qualifier Info 110398 The ECS database identifier called a UR is, by itself, of little

use to the user who only knows LocalGranuleID by itself.

The user needs both the UR and the LocalGranuleID to be written by ECS into the SUBSCRIPTION NOTICE because the same granule exists inside ECS "UR" and outside ECS "LocalGranule ID" but with no link between them. The UR alone is meaningless to the user as a means of identifying the data; AM-1 processing results in a local granule ID being stored in the ECS core inventory metadata, not the UR.

Subscription already supports qualifiers; it just needs to write the Qualifier and its value into the SUBSCRIPTION NOTICE.

This solution is simple and practical because it uses existing ECS metadata and existing Subscription capabilities. It has the benefit of being applicable to INGESTed PI processing products, which have no URs before INGEST.

Also, the user specified text field in the SUBSCRIPTION NOTICE can not contain the LocalGranuleID- the user will not have the LocalGranuleID beforehand and the text field for an ESDT can not contain the LocalGranuleID for every granule. Thus, there is no workaround.

Because ECS capabilities already exist, writing the Qualifier name and value with LocalGranuleID is the simplest and least costly solution of implementing the requirement that a granule be identified.

This is a critical requirement of the ECS because a granule notified by Subscription must be identifiable to the user.

ECSed10872 Missing and Improperly Installed COTS 122397 NCR ID: ECSed11100
Status: CLOSED Submit Date: 980102
NCR Class: REL_B0_INFORMAL Project: RelB0_Sys_Engr Enclosures: 11

NCR TITLE....

EOSView needs to be installed on AIT & DPS machines.

DETECTION INFORMATION....

REVIEW-ASSIGN INFORMATION....

Build Name[*]: Drop 3

Evaluate Engineer: nharihar

Test Site[*]: VATC

Assigned To: hausden

Detection Method[*]: Planned Test

Iteration [*]: Drop 4P1

Detected-In-Phase[*]: Installation

Build ID:

Test Case ID: TS0405, install

Platform ID: t1ais*, t1pls*

Severity (1=Showstopper)[*]: 2
Need fix by [*]: Critical
Mode [*]: OPS
Trouble Ticket:

SUBMITTER INFORMATION....

Submitter: ssharma

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NCR ID: ECSed11100 Status: CLOSED
NCR Class: REL_B0_INFORMAL Project: RelB0_Sys_Engr

TO BE FIXED INFORMATION....

Problem Type[*]: configuration
Recommended Change[*]: configuration
Est. Fix Time (Hrs): 8
Est. Compl. Date (yymmdd): 980115
Related NCR ID: ECSed10872

VERIFICATION INFORMATION....

Test Status (Pass/Fail)?: P
Elapsed Test Time (Hrs): 0.25
Verification Site[*]: VATC
Verified Build ID: 4P1
Verified Platform ID: t1ais*, t1pls*

CLOSING INFORMATION....

RESOLUTION INFORMATION....

Resolution[*]: configuration
Resolved by: hausden
Indicate_SLOC[*]: Not Applicable
Num_SLOC: 0
Fixing Time (hrs): 10
Documentation affected (Y/N)? N
Affect CSCI: DPS
Merge Build Id:

Closing Reason[*]: Fixed

CCR#/NCR#: none
Closing accepted by: sbarrier

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***** Problem *****

PROBLEM DESCRIPTION....

It seems that the SSI&T Manager invokes EOSView from t1ais01.
Additionally, DPS requires EOSView in order to perform QA and visualization of data
retrieved from the Data Server. This happens on t1dps01.

The installation of EOSView therefore needs to occur on t1ais01 and t1dps01. Unfortunately,
EOSView is only installed per the Client subsystem onto their machine.

After talking with Bill Johnson, M. Mauthe and J. Garlow it was decided that ECS Assist
should install EOSView onto those PDPS platforms. I believe that Joanne is working on modi-
fying the install script for ECS Assist. This script should be merged in ASAP.

This should be a patch to Drop 3 because it is required prior to EDC deployment.

NOTE: The processing machine in the VATC is t1sps02, not t1dps01.

***** Note 1 (Added 980102 by ssharma) *****

Orlando Lindsay wrote a similar NCR, ECSed10872 referring to EOSView not being installed. That NCR was written against Drop 2 of the system.

***** Analysis *****

Please describe your Analysis:

***** Workaround (Added 980105 by nharihar) *****

This probably should not be a severity 1 as there is a workaround.

The EOSView executable can be ftped to the AITTL and DPS machines from the client machine.

--Naga Hariharan

***** Impact (Added 980108 by ssharma) *****

There are two immediate impacts as a result of not fixing/delivering this NCR in Drop 3:

- 1) Test will not be able to assess data quality or visualize data during SSI&T. This is because the SSI&T Manager GUI will not be able to invoke EOSView.
- 2) Test will not be able to visualize data produced in DPS since EOSView is used to accomplish this.

After reading N. Hariharan's Workaround statement, I agree that we can copy EOSView to the desired platforms but my understanding was that ECS Assist should be doing that, not the installer. Otherwise we are back to the procedure where part of the installation is automated while part is manual.

***** Resolution *****

Please describe your resolution to this problem:

Added eosview to DPS .install

***** AssocNCR (Added 980123 by spetrone) *****

The referenced associated NCR, 10872 is a Dup.

***** Verification *****

Please describe your verification:

EOSVIEW is now installed on t1ais01
at /usr/ecs/TS2/CUSTOM/eosview/EOSView

EOSView is also installed on the DPS Machine t1sps02 under the same
directory

***** AO Assessment (Added 980324 by hausden) *****

Per the previous enclosure, EOSView has been installed on the queuing server
(t1sps02) and the AIT Server (t1ais01). However, the initial drop 4 hosts
for EOSView are the AIT workstations (t1aix02 and t1ais03) and the queuing
server (t1sps02), so more work is needed before this ncr is closed.

In 4P, EOSView will remain on the AIT Workstations, but will move from the
queuing server to the planning workstation and planning server (t1pls02 and
t1pls01).

***** Final Verification (Added 980717 by hausden) *****

I verified the mapping of EosView to platforms for 4P1 by confirming it with
the lead engineer for DPS. EosView is used by SSI&T, which occurs on the AIT
Workstations. EosView is also used by the QA Monitor, which is on the
Planning Workstations. The Hardware-Software Maps (920-TDx-002) and the
.sitemap file, which controls installation, reflect this design. There are
no issues and this ncr should be closed.

To get that warm, fuzzy feeling I went to the VATC and checked that the
EosView executables and data files are in place on each of the appropriate
machines.

Finally, note that there is no recognized platform called the "Processing
Machine" and that t1dpsxx are distribution machines. EosView does NOT go on
the Queuing Server, where most of the PRONG code is installed.

***** Closure *****

Describe the Reason for closing this NCR?

The NCR Board approved this NCR to be Closed on 8/11/98

***** History *****

xddts 980102 165121 Submitted to RelB0_DPS by ssharma
xddts 980102 170005 Enclosure "Problem" added by ssharma
xddts 980102 170433 Enclosure "Note 1" added by ssharma
xddts 980102 171748 enclosure "Note 1" edited by ssharma
xddts 980105 113141 enclosure "Problem" edited by awhitele
xddts 980105 120829 N -> A (Assigned-to jgarlow) by nharihar
xddts 980105 120845 Enclosure "Analysis" added by nharihar
xddts 980105 120845 A -> R (Recommend-change = configuration) by nharihar
xddts 980105 183230 Enclosure "Workaround" added by nharihar
xddts 980106 165531 Fields modified by lforan
xddts 980108 145306 Enclosure "Impact" added by ssharma
xddts 980108 174832 Enclosure Resolution added by jgarlow
xddts 980108 174832 R -> T by jgarlow
xddts 980108 175029 enclosure "Resolution" edited by jgarlow
xddts 980109 125211 Fields modified by awhitele
xddts 980116 094828 Fields modified by spetrone
xddts 980123 081710 Fields modified by spetrone
xddts 980123 081847 Enclosure "AssocNCR" added by spetrone
xddts 980318 173620 Enclosure "Verification" added by nwoodson
xddts 980318 173620 T -> V by nwoodson
xddts 980318 183112 enclosure "Verification" edited by awhitele
xddts 980324 132406 Forwarded from RelB0_DPS to RelB0_Sys_Engr by sbarrier
xddts 980324 132416 V -> R (Recommend-change = configuration) by nharihar
xddts 980324 152819 Enclosure "AO Assessment" added by hausden
xddts 980409 123801 Fields modified by sbarrier
xddts 980715 172958 Fields modified by mac
xddts 980717 103259 R -> T by hausden
xddts 980717 103438 T -> V by hausden
xddts 980717 105936 Enclosure "Final Verification " added by hausden
xddts 980812 075246 Fields modified by sbarrier
xddts 980812 075320 Enclosure "Closure" added by sbarrier
xddts 980812 075320 V -> C by sbarrier

ECSed13172 Error in STMGT database: Scheduler Table does not allow NULLs 031798 IMPACT....

No data can be ingested and archived from D3 tape. Since there is a simple workaround (see below) the impact is minimal.

WORKAROUND....

Two workarounds exist:

- 1.The Scheduler table of the STMGT database was dropped and re-installed allowing NULL values to be inserted into the Priority column (see below).

```
use stmgtdb1_<mode>  
go
```

```
drop table Scheduler
go
```

Create Table Scheduler

```
(
  ResourceType      varchar(100)  null,
  ResourceNumber    int           null,
  operation          varchar(100)  null,
  mySize            float(9)      null,
  EndTime           smalldatetime null,
  StartTime         smalldatetime not null,
  EstimateTime      int           null,
  CompletionTime    smalldatetime null,
  RequesterID       varchar(150)  null,
  Requester         varchar(100)  null,
  ReservationRef     varchar(100)  null,
  Priority           varchar(50)   null,
  constraint fk1_dsstshedular foreign key (RequesterID)
  references Request (RequesterID),
  constraint fk1_dsstreservationref foreign key (ReservationRef)
  references Reservations (ReservationRef)
)
go
```

2. Edit the following file in '/usr/ecs/<MODE>/CUSTOM/dbms/DSS':

EcDsStDbTables.sql

change the following line in the Create Table Scheduler command:

```
Priority      varchar(50)  not null,
to
Priority      varchar(50)  null,
```

and then rebuild the stmgtdb1 database.

Option 1 is a quick fix to an existing database and option 2 would guarantee that the workaround would be in place at whenever the stmgtdb1 database was built or rebuilt.

ECSed15872 HPOV: CSS Servers on t1ins02 Do Not Start At Application Level 062898 Iota Patch/OPS mode: After installation this NCR was verified after workaround were implemented.

WorkAround: Edit EcCsEmailParserAppStart and EcCsLandsat7GatewayAppStart and change the Subsys to CSS and Component to EcCs.

Installation Procedures will be updated to reflect changes and patch will be redelivered in 4pL. This NCR will be verified again in 4PL before closure.

Started up CSS servers at Application Level.

ECSed17172 ESDT Manager removes descriptor files 081898 This NCR should be downgraded to a Severity 3. There is a workaround, however cumbersome, to have the operator re-select the staging location.

In 4PY this will not be as issue. The ECS Assist 4PY ESDT Manager will automatically populate the staging location from from the Subsystem Manager

screen, and will not require the operator to enter it.

Recommend that this NCR be downgraded. There is a manual workaround and this will be fixed in 4PY.

ECSed18672 Hard constraints during Constraint Check and Load Gen 073198 Please describe the problem you are experiencing below, including what you did, what you expected to happen, and what actually happened:

While constraint checking the Master Plan, the results stated we had hard constraints. Received the following error: "Info-Sub-field Value out of range after EU conversion: Value=24.58, Max=65536, Min=0, Name=POSITION."

After viewing the constraint, we found the error message was too vague. We were unable to locate the hard constraint on the Timeline. The workaround (checking each scheduled activity on Timeline) is time consuming and unacceptable.

ECSed02573 Ground TLM Parameter Server will not terminate upon request from RMS 072496 Please describe the problem you are experiencing below, including what you did, what you expected to happen, and what actually happened:

RMS String Manager is unable to terminate one of three FOS Parameter Servers that is created as part of a real-time logical string. The Parameter server is create to serve ground telemetry parameters.

A workaround is available for dealing with this problem until a software fix can be put into place. The user can enter a kill -2 for that specific process or run the "kill processes" script. If the parameter server endpoint remains registered with the FOS Name Server the nstuil tool can be run to manually de-register the process.

ECSed03873 FpTl FpRm - Tl does not get updated from RM on dec after rs selection 100796 Please describe the problem you are experiencing below, including what you did, what you expected to happen, and what actually happened:

During the dec test in A2 for patch 4, The timeline would not get updated after I added a resource for the timeline to display. I turned on the traffic debug flag and the timeline received all updates from the resource model until a resource was added (AM1 ASTER to the first element in the list) . Then the timeline was updated by the resource model for that resource then, but after the timeline was never updated on its own.

The workaround is to go to the plan menu option every once in a while or when you have scheduled something and select the plan that you are viewing. Then the scheduled activities will show up.

ECSed12673 INSTALL: Binaries missing from delivery on SGI 030398 Currently (drop 4) the dps installation on the sgi is a manual installation and not done by ECS-Assist. My understanding is the files that CM tars up and delivers are the ones in the .install. Since there is no .install for DPS-sgi installation, no files were delivered.

The permanent solution is for DPS-sgi installation to be performed by ECS-assist and this would require changes to .install and other associated files. The temporary workaround is for CM to tar the directory /ecs/formal/PDPS/DPS/bin/sgi6n32 in view DROP4_sgi6n32 and deliver that.

ECSed14373 Trailing 'r' in PCF user-defined parm section causes error 042898 MODIS PGE03 has user-defined runtime parameters in the PCF. Several of these contain string values whose last character is a 'r'. This trailing 'r' causes a post-processing core dump when run within PDPS. It is suspicious that a trailing 'r' in the last field of a PCF *file* entry is used to mark files for a FailedPGE tar file should the PGE fail. The workaround used for PGE03 was to add a character to the string values, any one other than 'r'. One of the parameters for this PGE is the expansion of the acronym 'MODIS' which is 'Moderate Resolution Imaging Spectroradiometer' which ends in 'r'.

ECSed14373 Trailing 'r' in PCF user-defined parm section causes error 042898 NCR ID: ECSed11962
Status: CLOSED Submit Date: 980204
NCR Class: REL_B0_INFORMAL Project: RelB0_DPS Enclosures: 7

NCR TITLE....

ExecMgmt: Problem handling 'r' at the end of the line in the PCF.

DETECTION INFORMATION....

REVIEW-ASSIGN INFORMATION....

Build Name[*]: Drop 4 Evaluate Engineer: nharihar
Test Site[*]: EDF Assigned To: nharihar
Detection Method[*]: Regression Test Iteration [*]: Drop 4
Detected-In-Phase[*]: Iteration
Build ID:
Test Case ID:
Platform ID: pdps1
Severity (1=Showstopper)[*]: 2
Need fix by [*]: Critical
Mode [*]: Other
Trouble Ticket:

SUBMITTER INFORMATION....

Submitter: mmauthe

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NCR ID: ECSed11962 Status: CLOSED
NCR Class: REL_B0_INFORMAL Project: RelB0_DPS

TO BE FIXED INFORMATION....

VERIFICATION INFORMATION....

Problem Type[*]: source code Test Status (Pass/Fail)?: P
Recommended Change[*]: source code Elapsed Test Time (Hrs): 5
Est. Fix Time (Hrs): 10 Verification Site[*]: EDF
Est. Compl. Date (yymmdd): 980228 Verified Build ID: 4PL
Related NCR ID: N/A Verified Platform ID: pdps1

CLOSING INFORMATION....

RESOLUTION INFORMATION....

Closing Reason[*]: Fixed

Resolution[*]: source code CCR#/NCR#: none

Resolved by: nharihar
Indicate_SLOC[*]: Added
Num_SLOC: 10
Fixing Time (hrs): 10
Documentation affected (Y/N)? N
Affect CSCI: DPS/PRONG
Merge Build Id:

Closing accepted by: sbarrier

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***** Problem *****

PROBLEM DESCRIPTION....

In the Post Processing job, Execution Management searches the PCF for files that have been "marked" by the PGE for inclusion in the Production History file. The mark that the code searches for is an 'r' at the end of the line. The problem is that if a non-output line in the PCF has an 'r' at the very end (the last character, Execution Manager will attempt to process that line as if it were an output file and attempt to get location and filename information (which does not exist). This causes Execution Management to coredump.

(see /home/PDPS/LabNotes/PDPS.980131.notes for a complete traceback of the problem).

The fix is for the code to figure out what kind of PCF section it is in (output files, input files, runtime parameters, etc. . .) and only search for the 'r' in the Output Files section.

-- M. Mauthe

***** Impact *****

IMPACT....

PGEs where the PCF has an 'r' at the end of a runtime parameter will cause Execution Management to coredump. The problem was found in a synthetic PGE which handles metadata a special way, so it is unknown if any "real" PGEs will meet this condition. Of the "real" PGEs tested so far, none has had an 'r' at the end of a runtime parameter line in the PCF.

-- M. Mauthe

***** Workaround (Added 980204 by mmauthe) *****

The workaround is to change the 'r' at the end of a runtime parameter to another character (any other character will do). For the synthetic PGE, this poses no problem because the text in the runtime parameter can be altered without affecting execution. I

do not know if the same would be true for "real" PGEs with an 'r' in their runtime parameters.

To change the default value of a runtime parameter, the ODL defining the PGE (and its runtime parameters) must change. This way the default value for the runtime parameter (the value that is put in the PCF if no overriding value is entered through the Production Request Editor) will not have the 'r' at the end.

-- M. Mauthe

***** Analysis *****

The method DpPrExecutionManager::RetrievePGEMarkedFiles must be modified to select only files (input/output file section in the PCF) from the PCF. Any runtime parameter or system parameter should not be included. Further, the code should be changed to avoid core dumps (additional checking)

***** Resolution *****

Code was added to check whether the entry in the PCF that ends with an 'r' is an input/output file or is a runtime parameter. Only input/output files that end with an 'r' will be included in the production history

***** Verification *****

Please describe your verification:

Ran PGEs where there were "r"s at the end of the lines of the runtime parameter section. No coredump was observed.

-- M. Mauthe

***** Closure *****

Describe the Reason for closing this NCR?

The NCR Board approved this NCR to be Closed on 9/9/98

***** History *****

xdds 980204 102724 Submitted to RelB0_DPS by mmauthe

xdds 980204 104609 Enclosure "Problem" added by mmauthe
xdds 980204 104824 Enclosure "Impact" added by mmauthe
xdds 980204 104832 Fields modified by mmauthe
xdds 980204 104942 enclosure "Problem" edited by mmauthe
xdds 980204 105007 enclosure "Impact" edited by mmauthe
xdds 980204 105810 Enclosure "Workaround" added by mmauthe
xdds 980204 160218 N -> A (Assigned-to nharihar) by nharihar
xdds 980204 160408 Enclosure "Analysis" added by nharihar
xdds 980204 160408 A -> R (Recommend-change = source code) by nharihar
xdds 980206 153604 Fields modified by sbarrier
xdds 980218 132236 Enclosure Resolution added by nharihar
xdds 980218 132236 R -> T by nharihar
xdds 980903 132033 Enclosure "Verification" added by mmauthe
xdds 980903 132034 T -> V by mmauthe
xdds 980909 121546 Enclosure "Closure" added by sbarrier
xdds 980909 121546 V -> C by sbarrier

ECSed14473 STNGT Gui has a 30 minute shelf life 050198 When started, the STMGT GUI will run for approx. 30 minutes and then core dumps. The current workaround for this is to start the GUI, select OPTIONS and then System Settings. In the System Settings dialog box you must then turn Database Polling off by deselecting the box next to it and clicking on OK.

It would be better if this method were not necessary.

ECSed14773 Landsat Data not written to pull area. 051298 Please describe your Analysis:

Problem ultimately determined to be a NFS mount point problem and not related to code. Object files were being written to pull directory but were not visible due to missing mount point on journey.

5/18/98

It has been identified that the mount point that was put in place is not part of the baseline and should not be part of the baseline. However as a workaround there should be a mount point from the staging disk on the DRP SGI to the ACM SGI.

At EDC this mount point will be the following:

SERVERHOST: e0drg01

ABSOLUTE PATH (TO PHYSICAL DEVICE): /L0_buffer/<MODE>/drp

SYMBOLIC PATH: /usr/ecs/<MODE>/CUSTOM/drp/e0drg01/data

CAPACITY: 273.4 GB (for completeness only)

CLIENT HOST: e0acg01

SYMBOLIC PATH TO MOUNT POINT: /usr/ecs/<MODE>/CUSTOM/drp/e0drg01/data

Note that this is a replication of the mount point going from the DRP SGI

to the ACM SUN where SDSRV is running with the only change being the client host being the node where the PullMonitor is running.

NOTE: The software fix for this problem comes as part of DROP 4P and the mount point should be removed at that time.

ECSed15873 HPOV:EcDsDDistributionServer Does Not Come Up @ Application Level 062898 Please describe your verification: Installed Iota Patch/TS2. Brought up server at application level after workaround was implemented.

WorkAround:Copied EcDsDistributionServerStart to EcDsDataDistributionAppStart.

The install procedure will be updated to reflect workarounds and patch will be redelivered in 4pL. NCR will be verified again in 4pL.

VERIFICATION in DROP4PL

- * Took DDist Server down.
- * Using HPOV to bring DDist Server back up at application level, the server was up and running w/o any error.
- * Summited a couple of data distribution requests : FtpPush, FtpPull, and they finished successfully.

ECSed08874 Provide a script to reset a DPR to its initial state. 052997 NCR ID: ECSed07883

Status: CLOSED

Submit Date: 970529

NCR Class: REL_B0_INFORMAL Project: RelB0_PLS

Enclosures: 6

NCR TITLE....

Provide a script to reset a DPR to its initial state.

DETECTION INFORMATION....

Build Name[*]: From Testbed

Test Site[*]: GSFC DAAC

Detection Method[*]: Regression Test

Detected-In-Phase[*]: Acceptance Testing

Build ID: n/a

Test Case ID:

Platform ID: t1pls02

Severity (1=Showstopper)[*]: 2

Need fix by [*]: Emergency

Mode [*]: Other

Trouble Ticket:

REVIEW-ASSIGN INFORMATION....

Evaluate Engineer: mbopf

Assigned To: mbopf

Iteration [*]: Drop 2

SUBMITTER INFORMATION....

Submitter: jhunt

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NCR ID: ECSed07883 Status: CLOSED

NCR Class: REL_B0_INFORMAL Project: RelB0_PLS

TO BE FIXED INFORMATION....

Problem Type[*]: source code

Recommended Change[*]: source code

VERIFICATION INFORMATION....

Test Status (Pass/Fail)?: P

Elapsed Test Time (Hrs): 0.1

Est. Fix Time (Hrs): 10 Verification Site[*]: VATC
Est. Compl. Date (yyymmdd): 971118 Verified Build ID: DROP2
Related NCR ID: ECSed06392 Verified Platform ID: t1pls02

CLOSING INFORMATION....

RESOLUTION INFORMATION.... Closing Reason[*]: Fixed
Resolution[*]: source code CCR#/NCR#: none
Resolved by: gcasamen Closing accepted by: sbarrier
Indicate_SLOC[*]: Modified
Num_SLOC: 50
Fixing Time (hrs): 16
Documentation affected (Y/N)? N
Affect CSCI: PLANG
Merge Build Id: Page 2/2

***** Problem *****

Please describe the problem you are experiencing below, including what you did, what you expected to happen, and what actually happened:

A script is needed which will reset a given Data Processing Request (DPR) to its initial state (i.e., post-Production Request Editor). This will allow the DPR to be replanned and reactivated. Other DPRs associated with the parent Production Request (PR) will not be affected.

***** Analysis *****

Please describe your Analysis:

A c-sh script to reset a DPR to the pre-Planning Workbench state should be implemented.

***** Resolution *****

Please describe your resolution to this problem:

Implemented DPR script (DPR_reset.csh) that resets a specified DPR to its pre-Planning Workbench state. The script makes necessary updates to both PDPS and AutoSys database as well as to remove files from the processing runtime and data directories.

***** Rel. B Resolution (Added 970819 by mbopf) *****

As of Drop 2, we are including the capability to delete a DPR from the Production Request Editor GUI. This will remove a single

DPR from the PDPS database and sends a "cancelDprJob" request to Job Management. An ad-hoc reprocessing request can then be entered in for the re-running of this job. This allows the rest of the data to remain which will save quite a bit of effort (multiple tests can be run at the same time, etc.) The script also suffered from the problem that everytime the database schema changed, the script had to change also.

***** Verification *****

Please describe your verification:

This capability is provided by the Production Request Editor and has been tested and verified.

This is a better solution to the problem that a script which manually manipulates the database.

Atlee Whiteleather
2/25/98

***** Closure *****

Describe the Reason for closing this NCR?

Per the NCR Board, after entering this information, it is okay to close.

Sheila Barriere
8/12/98

Author: Edmund Larson at 11-ECS-2
Date: 8/7/98 12:12 PM
Priority: Normal
TO: Carolyn V Whitaker
TO: Sheila Barriere at 11-ECS-4
CC: Michael W Bopf at 11-ecs-0
CC: Atlee Whiteleather at 11-ECS-4
Subject: Re: NCR 07883

----- Message Contents -----

The scripts were a testbed workaround and are not delivered in Rel B. The Production Request Editor GUI capability was added in Drop 2. This is all stated in the NCR as it is now.

Ed

***** History *****

xddts 970529 181150 Submitted to Missions_Operations by jhunt@puff
xddts 970529 181521 Enclosure "Problem" added by jhunt
xddts 970529 181959 Fields modified by jhunt
xddts 970603 132218 N -> A (Review-Assign to syom) by syom
xddts 970603 141608 Enclosure "Analysis" added by syom
xddts 970603 141608 A -> R (Recommend-change = source code) by syom
xddts 970603 142533 Enclosure Resolution added by syom
xddts 970603 142533 R -> T by syom
xddts 970616 192340 Fields modified by kloya
xddts 970716 153329 Forwarded from Miss_Ops to SEO by arenner
xddts 970718 131015 Forwarded from SEO to SDE by rhendry
xddts 970723 113712 Cloned from ECSed06977 (SDE) by lpurvis
xddts 970723 113712 Parent & Children Links Removed.
xddts 970811 142002 Fields modified by gelengic
xddts 970811 142117 Forwarded from RelB0_Impact to RelB0_PLS by gelengic
xddts 970819 155821 Enclosure "Rel. B Resolution" added by mbopf
xddts 970819 155836 N -> A (Assigned-to mbopf) by mbopf
xddts 970819 155920 A -> R (Recommend-change = not a bug) by mbopf
xddts 970819 155937 R -> T by mbopf
xddts 970927 160925 Fields modified by awhitele
xddts 970927 161454 Enclosure "Verification" added by awhitele
xddts 970927 161454 T -> V by awhitele
xddts 971017 111428 enclosure "Rel. B Resolution" edited by mbopf
xddts 971028 161053 V -> R (Recommend-change = not a bug) by mbopf
xddts 971028 161101 Fields modified by mbopf
xddts 971216 072525 Fields modified by michelle
xddts 971222 141153 enclosure "Verification" deleted by mbopf
xddts 971222 141555 enclosure "Rel. B Resolution" edited by mbopf
xddts 971222 141605 Fields modified by mbopf
xddts 971223 113014 R -> T by gcasamen
xddts 971223 113020 Fields modified by mbopf
xddts 980225 153705 Enclosure "Verification" added by awhitele
xddts 980225 153705 T -> V by awhitele
xddts 980403 135323 Fields modified by sbarrier
xddts 980812 084706 Enclosure "Closure" added by sbarrier
xddts 980812 084707 V -> C by sbarrier

ECSed10774

Preprocessor error for HTML test. 121997 Please describe your Analysis:

The Ingest subsystem is presently using a "cp" to move files to the "REMOTE" Ingest directory (DAN/PDRD/PANs). If the implementation at a specific site is for the Ingest Clients to be distributed on platforms different from the Servers, the mount points must be established to facilitate the Servers and Clients to have access to the "REMOTE" directory. An alternative is to use "ftp" to move these files to the "REMOTE" area.

Ingest development will establish this architectural design and notify the AO how this problem will be resolved.

2/16/98

Ingest has decided to establish mount points between the Ingest Servers and Clients to support this capability within ECS.

5/5/98

This NCR is no longer a problem. At the time this NCR was submitted INGEST resided on a SUN platform and the instance of Netscape was installed on a different platform with no mount point established between the two platforms. The workaround was to copy the .PDR on both platform which casued the problem to generate this NCR. INGEST now is ported to the SGI (this the ECS baseline) and has an instance of Netscape on the platform. The problem does not occur now with the INGESDT subsystem.

ECSed06774 RTS Load Builder display does not come up 052097 Please describe the problem you are experiencing below, including what you did, what you expected to happen, and what actually happened:

When selecting RTS Load Builder from the Tools menu the RTS Load Builder does not come up, this happens when the user is logged in using the FOS_LOGIN script that performs user authentication.

The workaround is not to use user authentication

ECSed12674 Autosys created an incomplete job box 030398 This problem was seen in the first run of the MODIS Load Test (V6) under Drop 4PX. Two PGEs were affected. Each of the PGEs was missing a single job step. In one case it was the Insert step, in the other it was the Execution step. Naga Hariharan examined the database and did not find anything that would indicate the source of the failure. The table "PIDataProcessingRequest" did indicate a JIL failure for both failed jobs.

Subsequent to the failure, the same scenario has been run twice without any further errors of this type.

The workaround remains to delete the DPRs, regenerate them, and resubmit them.

/r.w.howard

ECSed16874 Two Cores in Hdf Servers 081098 IMPACT.... Acquire requests that involve the Hdf Server are inconsistent. One time the Request fails, and the next it completes successfully, with no changes being made between the two runs.

There is no workaround, other than to have the user resubmit the request.

ECSed10775 No file DAP.PDR exists on t1dps04 machine. 121997 NCR ID: ECSed10774
Status: CLOSED Submit Date: 971219
NCR Class: REL_B0_INFORMAL Project: RelB0_INGST Enclosures: 6

NCR TITLE....

Preprocessor error for HTML test.

DETECTION INFORMATION....

Build Name[*]: Drop 2
Test Site[*]: VATC
Detection Method[*]: Planned Test
Detected-In-Phase[*]: System Verificatio
Build ID: Drop2
Test Case ID: TS0630.2
Platform ID: t1ins01/t1dps04 (SUN
Severity (1=Showstopper)[*]: 2
Need fix by [*]: Critical
Mode [*]: TS2

REVIEW-ASSIGN INFORMATION....

Evaluate Engineer: acohen
Assigned To: spalmer
Iteration [*]: Drop 4

SUBMITTER INFORMATION....

Submitter: faknine

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NCR ID: ECSed10774 Status: CLOSED
NCR Class: REL_B0_INFORMAL Project: RelB0_INGST

TO BE FIXED INFORMATION....

Problem Type[*]: configuration
Recommended Change[*]: configuration
Est. Fix Time (Hrs): 20
Est. Compl. Date (yyymmdd): 980501
Related NCR ID: ECSed10775

VERIFICATION INFORMATION....

Test Status (Pass/Fail)? : P
Elapsed Test Time (Hrs): 1
Verification Site[*]: VATC
Verified Build ID: DROP 4
Verified Platform ID: t1ins01/t1dps04

CLOSING INFORMATION....

RESOLUTION INFORMATION....

Resolution[*]: configuration
Resolved by: spalmer
Indicate_SLOC[*]: Not Applicable
Num_SLOC: 0
Fixing Time (hrs): 16
Documentation affected (Y/N)? Y
Affect CSCI: INGST

Closing Reason[*]: Fixed
CCR#/NCR#: none
Closing accepted by: sbarrier

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***** Problem *****

PROBLEM DESCRIPTION....

Preprocessor error as long as the DAP.PDR file exists on both machines (t1ins01 and t1dps04). After the first run, the DAP.PDR file on t1dps04 in the remote directory is removed.

***** Insufficient Description (Added 971222 by spalmer) *****

Insufficient description of this problem developer (J. Chang)

will I/F with tester (Faknine) to understand problem.

***** Analysis *****

Please describe your Analysis:

The Ingest subsystem is presently using a "cp" to move files to the "REMOTE" Ingest directory (DAN/PDRD/PANs). If the implementation at a specific site is for the Ingest Clients to be distributed on platforms different from the Servers, the mount points must be established to facilitate the Servers and Clients to have access to the "REMOTE" directory. An alternative is to use "ftp" to move these files to the "REMOTE" area.

Ingest development will establish this architectural design and notify the AO how this problem will be resolved.

2/16/98

Ingest has decided to establish mount points between the Ingest Servers and Clients to support this capability within ECS.

5/5/98

This NCR is no longer a problem. At the time this NCR was submitted INGEST resided on a SUN platform and the instance of Netscape was installed on a different platform with no mount point established between the two platforms. The workaround was to copy the .PDR on both platform which casued the problem to generate this NCR. INGEST now is ported to the SGI (this the ECS baseline) and has an instance of Netscape on the platform. The problem does not occur now with the INGESDT subsystem.

***** Resolution *****

INGEST now is ported to the SGI with the appropriate COTS products (Netscape) to support this function. The problem does not occur now with the INGESDT subsystem.

***** Verification *****

Please describe your verification:

The present configuration of INGEST for all sites is that the INGEST Servers and Clients are installed on the same platform (SGI). INGEST now is ported to the SGI with the appropriate COTS products (Netscape Enterprise Server) to support this function. The problem does not occur now with the INGEST subsystem since both the EcInInter process and the EcInReqMgr process both run on the same machine.

Development (S. Palmer) has interfaced with test (K. Miller) and obtained agreement that this NCR can be verified and closed.

This problem has been verified as fixed.

***** Closure *****

Describe the Reason for closing this NCR?

The NCR Board approved this NCR to be Closed on 5/11/98.

***** History *****

xddts 971219 123302 Submitted to RelB0_INGST by faknine
xddts 971219 123739 Enclosure "Problem" added by faknine
xddts 971222 161536 Enclosure "Insufficient Description" added by spalmer
xddts 971222 161616 N -> A (Assigned-to jchang) by acohen
xddts 980115 141727 Fields modified by spalmer
xddts 980206 152302 Enclosure "Analysis" added by acohen
xddts 980206 152302 A -> R (Recommend-change = problem w/o a fix) by acohen
xddts 980206 152316 Fields modified by spalmer
xddts 980206 152342 Fields modified by spalmer
xddts 980206 162432 enclosure "Analysis" edited by spalmer
xddts 980206 162655 Forwarded from RelB0_INGST to RelB0_Sys_Engr by spalmer
xddts 980216 103406 Fields modified by spalmer
xddts 980216 131031 Fields modified by spalmer
xddts 980216 131142 Forwarded from RelB0_Sys_Engr to RelB0_INGST by spalmer
xddts 980216 131155 R -> A (Assigned-to eko) by acohen
xddts 980217 120153 enclosure "Analysis" edited by spalmer
xddts 980217 120217 A -> R (Recommend-change = design) by acohen
xddts 980403 152229 Enclosure Resolution added by spalmer
xddts 980403 152229 R -> T by spalmer
xddts 980403 152918 Enclosure "Verification" added by spalmer
xddts 980403 152918 T -> V by spalmer
xddts 980403 152949 enclosure "Resolution" edited by spalmer
xddts 980403 153439 enclosure "Verification" edited by spalmer
xddts 980403 153504 enclosure "Verification" edited by spalmer
xddts 980505 143541 V -> R (Recommend-change = design) by acohen
xddts 980506 111212 Fields modified by spalmer
xddts 980506 111249 Fields modified by spalmer
xddts 980506 112702 enclosure "Analysis" edited by spalmer
xddts 980506 112756 R -> T by spalmer
xddts 980506 113059 enclosure "Resolution" edited by spalmer
xddts 980506 113515 enclosure "Verification" edited by spalmer
xddts 980506 113535 enclosure "Verification" edited by spalmer
xddts 980507 074545 T -> V by kmiller
xddts 980507 075044 enclosure "Verification" edited by kmiller
xddts 980511 125230 Enclosure "Closure" added by sbarrier
xddts 980511 125230 V -> C by sbarrier

ECSed12575 Subscription does not have a EcSbDbBuild script 022798
IMPACT....

Must use manual workarounds to install database.

ECSed13175 DPREP executeables not delivered with install of 3.02 031798 Describe the Reason for closing this NCR?

The NCR Board approved this NCR to be Closed on 9/2/98

LaRC concurrence:

Shelia,

>From the CCB meeting of September 3, 1998:

Concurrence is granted for the following NCRs -

13175	13165	13161	15327	16728	16729
16730	16737	16721	16719	16480	15301

Concurrence is NOT granted for the following NCRs -

13771 - (From Jim Gallasso) "The assumption made for the implementation of multi-granule ESDTs is incorrect. The assumption is that if a multi-granule ESDT is used over a time period that each granule would represent a subset of the total time period.

"MISR has implemented the multi-granule ESDTs not based on time, but based on camera. Each instance of the multi-granule ESDT contains data for the same time period, but for a different camera.

"The resolution and the verification statements in this NCR are incorrect and should be withdrawn as they are based souly on an assumption. The workaround mentioned is also based on the same assumption which is inaccurate, therefore the workaround will not work.

"Since another NCR is open on the multi-granule ESDT issue, I recommend to the NCR board to close as a duplicate of: NCR 16745. Thank you."

14463 - The resolution to this problem is not clear. "What did you do to resolve this?"

Brian K. Engle
Tracking Ticket Administrator

ECSed12376 SSIT: SSAP Editor Acquire failure 022398 IMPACT...

The impact of this problem means some of the SSAP functionality in the SSAP Editor works, while other functionality does not. See Workaround enclosure for the workaround to this problem.

WHAT WORKS:

- New SSAPs can be created, metadata set and the new SSAP submitted to the Data Server.
- New SSAP components (lists of files associated with the SSAP) can be created for new SSAPs and submitted to the Data Server for storage.
- Existing SSAPs can have their metadata updated at the Data Server.
- Existing SSAPs can have new components added and stored at the Data Server.

WHAT IS BROKEN:

- The user cannot retrieve a copy of an existing SSAP component. So if a user wants to see the source code for a particular PGE (and it is part of an SSAP), the SSAP Editor cannot retrieve it for him or her.
- Existing components cannot be updated. So if a user forgot a source code file, he or she cannot retrieve the SSAP component and update it to include the missing file.
- A new SSAP cannot be created by copying an existing SSAP. So if the user already has submitted (to the Data Server) one SSAP, and wants to create a new one very much like it, the components cannot be retrieved to make the copy. NOTE that different versions of the same SSAP are handled differently and will work as long as no SSAP components need to be updated.

-- M. Mauthe

ECSed12376 SSIT: SSAP Editor Acquire failure 022398 To workaround the problem, the EcDpAtAcquireDAP program can be

used. It takes in the name and location of an email file that contains the UR of what it to be acquired. The tool itself is not ESDT specific, so it will retrieve any kind of data, including SSAP components.

To get the UR of the desired component, the user must set (in the cfg file for the SSAP Editor) the DebugLevel to 3 (so that all debug messages are displayed). Then when the SSAP is submitted to the Data Server, all components associated with that SSAP will be inserted as well. The UR for each component will be displayed and can be recorded for later retrieval.

The user can record the URs and then retrieve the components if needed, and make changes to them. They may then be reinserted to the Data Server using the InsertTest tool.

All created SSAP components will be inserted when the SSAP is submitted. Any components not created, or any components that already exist but have not been changed, will NOT be inserted. SSAP components are inserted in the following order:

- ChangeLog
- ContextDiagram
- DeliveryContents
- DetailedDesign
- Manual
- PerfTestResults
- ProcessingFileDesc
- ProgrammersGuide
- TestPlan
- SWStandard
- SystemDesc
- CompileInfo
- ConfigFiles
- Description
- PGErrorLogs
- PGExecutables
- Dependencies
- TestSiteConfig
- VersionClass
- CalibrationFiles
- ExternalData
- EngineeringData
- ScienceData
- MCF
- AncillaryData
- ParametersResource
- ResultsReport
- ResultsProductFile
- ResultsTempFile
- TestScripts
- TestSource
- CompileScripts
- SWScripts
- SWSource

-- M. Mauthe

ECSed12376 SSIT: SSAP Editor Acquire failure 022398 NCR ID: ECSed12446 Status:
CLOSED Submit Date: 980224
NCR Class: REL_B0_INFORMAL Project: RelB0_DPS Enclosures: 7

NCR TITLE....

SSIT: SSAP Acquire Failure

DETECTION INFORMATION....

REVIEW-ASSIGN INFORMATION....

Build Name[*]: Drop 4 Evaluate Engineer: mmauthe
Test Site[*]: EDF Assigned To: mmauthe
Detection Method[*]: Regression Test Iteration [*]: Drop 4P
Detected-In-Phase[*]: Integration
Build ID:
Test Case ID:
Platform ID: n/a
Severity (1=Showstopper)[*]: 2
Need fix by [*]: Critical
Mode [*]: Other
Trouble Ticket:

SUBMITTER INFORMATION....

Submitter: svedire

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NCR ID: ECSed12446 Status: CLOSED
NCR Class: REL_B0_INFORMAL Project: RelB0_DPS

TO BE FIXED INFORMATION....

VERIFICATION INFORMATION....

Problem Type[*]: source code Test Status (Pass/Fail)?: P
Recommended Change[*]: source code Elapsed Test Time (Hrs): 1
Est. Fix Time (Hrs): 20 Verification Site[*]: EDF
Est. Compl. Date (yymmdd): 980401 Verified Build ID: Drop 4P
Related NCR ID: N/A Verified Platform ID: n/a

CLOSING INFORMATION....

RESOLUTION INFORMATION....

Closing Reason[*]: Fixed

Resolution[*]: source code CCR#/NCR#: none
Resolved by: mmauthe Closing accepted by: sbarrier
Indicate_SLOC[*]: Added
Num_SLOC: 25
Fixing Time (hrs): 20
Documentation affected (Y/N)? N
Affect CSCI: AITTL
Merge Build Id:

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***** Problem *****

PROBLEM DESCRIPTION....

The SSAP Editor cannot acquire the components of an SSAP. This means that while SSAPs can be inserted and updated, SSAP components cannot be retrieved and updated.

Since the problem was found just before DROP 4 final regression testing began, I was unable to find the reason for the problem. It could be a bug in the SSAP Editor or a problem with the way the Data Server stores and retrieves SSAP components.

-- M. Mauthe

***** Impact *****

IMPACT....

The Impact of this problem is that while some of the SSAP functionality in the SSAP Editor works correctly, other functionality does not. See Workaround enclosure for a workaround to this problem.

WHAT WORKS:

- New SSAPs can be created, metadata set and the new SSAP submitted to the Data Server for storage.
- New SSAP components (lists of files associated with the SSAP) can be created for new SSAPs and submitted to the Data Server for storage.
- Existing SSAPs can have their metadata updated at the Data Server.
- Existing SSAPs can have new components added and stored at the Data Server.

WHAT IS BROKEN:

- The user cannot retrieve a copy of an existing SSAP component. So if the user wants to see the source code for a particular PGE (and such source code is stored as part of the SSAP), the SSAP Editor cannot retrieve it for him or her (see workaround for how it can still be done).
- Existing components cannot be updated by the SSAP Editor. So if a user forgot to include a source code file in the SSAP component, he or she cannot use the SSAP Editor to retrieve and update the component (see workaround for how this can be done).
- A new SSAP cannot be created from an existing SSAP by copying the existing components from the Data Server. So if the user already has submitted an SSAP (to the Data Server) and wants to create a new one with the same components, the SSAP editor cannot be used to retrieve the components and make a copy (see workaround for how this can be done). NOTE that different versions of the same SSAP are handled differently by the SSAP editor and will work correctly as long as no existing SSAP components need to be updated.

-- M. Mauthe

***** Workaround (Added 980224 by svedire) *****

To workaroud the problem, the EcDpAtAcquireDAP program can be used. It takes the name and location of an email file that contains the UR of the granule to be acquired. The tool itself is not ESDT specific, so it will retrieve any kind of data, including SSAP components (ESDT short name: SSAPC), as long as the UR is known and is inside the specified email file.

To get the UR of the desired SSAP component, the user must set (in the cfg file for the SSAP Editor) the DebugLevel to 3 (so that all debug messages are displayed). Then when an SSAP is submitted to the Data Server, all components of that SSAP will be inserted as well. The UR for each component will be displayed on the screen and can be recorded for later retrieval.

The user can use the recorded URs to retrieve any desired components and make changes to them via the UNIX command "tar". They then may be reinserted to the Data Server using the SSIT InsertTest tool.

All newly created SSAP components are inserted when the SSAP is submitted from the SSAP Editor. Any components not created or any components that already exist but have not been changed will NOT be inserted. SSAP components are inserted in the following order:

- ChangeLog
- ContextDiagram
- DeliveryContents
- DetailedDesign
- Manual
- PerformanceTestResults
- ProcessingFileDescription
- ProgrammersGuide
- TestPlan
- SWStandard
- SystemDescription
- CompileInfo
- Description
- PGErrorLogs
- PGExecutables
- Dependencies
- TestSiteConfig
- VersionClass
- CalibrationFiles
- ExternalData
- EngineeringData
- ScienceData
- MCFs
- AncillaryData
- ParametersResource
- ResultsReport
- ResultsProductFile
- ResultsTempFile
- TestScripts
- TestSource
- CompileScripts
- SWScripts

SWSource

-- M. Mauthe

***** Analysis *****

Please describe your Analysis:

Need to continue testing to figure out why the acquire is failing.
Thsi will require the new Checkout lab to be set up and useable.

-- M. Mauthe

Checkout lab can now do acquires. I need to find the time to
go in and test out acquires and find out why they aren't working.

-- M. Mauthe (4/2/98)

Ran tests in the Checkout (Functionality) lab. I fixed a couple
of bugs in the SSAP Editor and now I am getting No DDIST Result
from Data Distribution. Need further investigation to determine
if this is another SSAP Editor problem or some kind of configuration
issue.

-- M. Mauthe

***** Resolution (Added 980419 by mmauthe) *****

Found out that the directory that the SSAP editor was passing to
Data Server (and thus DDIST) was incorrect. Fixed this and SSAP
can be acquired.

-- M. Mauthe

***** Verification *****

Please describe your verification:

Per the 9/17 EDF NCR in T scrub, this NCR was approved to be closed
as 'Verified in the Functionality Lab and / or the Stability Lab'.

***** Closure *****

Describe the Reason for closing this NCR?

see verification

***** History *****

xddts 980224 144449 Submitted to RelB0_DPS by svedire
xddts 980224 144658 Enclosure "Problem" added by svedire
xddts 980224 145708 Enclosure "Impact" added by svedire
xddts 980224 151629 Enclosure "Workaround" added by svedire
xddts 980224 151731 N -> A (Assigned-to mmauthe) by mmauthe
xddts 980224 151827 Enclosure "Analysis" added by mmauthe
xddts 980224 151827 A -> R (Recommend-change = source code) by mmauthe
xddts 980225 155812 enclosure "Impact" edited by mmauthe
xddts 980226 151230 Fields modified by sbarrier
xddts 980402 111808 enclosure "Analysis" edited by mmauthe
xddts 980406 182804 enclosure "Analysis" edited by mmauthe
xddts 980419 160242 Fields modified by mmauthe
xddts 980419 160332 Enclosure "Resolution" added by mmauthe
xddts 980421 150907 R -> T by mmauthe
xddts 980917 132622 Enclosure "Verification" added by sbarrier
xddts 980917 132622 T -> V by sbarrier
xddts 980917 132633 Enclosure "Closure" added by sbarrier
xddts 980917 132633 V -> C by sbarrier

ECSed16676 HW/SW Mapping issue 073198 The is a LOCAL NCR to be forwarded to ECS Rel B0 M&O as a need for documentation "Severity 2" .

THIS IS AN INFORMATION NCR TELLING ECS TO FIX THE PROCESS.

ECS needs to provide, weeks prior to a drop, documentation for identifying major hardware/software changes to hw/sw mappings. This must be part of the Build Plan.

Submitted for Jim VerMeer

The 4P1 HW/SW mapping calls for e0ais02 being our primary AIT workstaion. We have not used this machine in the past so it is not populated/configured with COTS, and therefore not at baseline.

Locally , we will need to insatl COTS on e0ais02 to bring up to baseline. As a workaround while this is underway, we will use e0ais03 as our primary workstation.

Impact: unable to perform checkout/unexpected allocation of Sys Adm resources to install COTS

ECSed17176 Errors in the InExternalDataProviderInfo.data file that is delivered 081998 IMPACT....

The impact is minimal due to a simple workaround.

WORKAROUND....

The installer has been manually making these changes after installing the Ingest database.

ECSed18776 No Contribution driver startup script exists via EcsAssist install. 102298 IMPACT....

No advertisements can be deleted. Any install-ESDT failures cannot be backed out and redone.

A workaround exists for starting the ContributionDriver by performing the following:

Set some environment variables, substituting {MODE} with the mode used:

```
setenv ECS_HOME=/usr/ecs
setenv CUSTOM=${ECS_HOME}/${MODE}/CUSTOM
setenv SYBASE=/tools/sybOCv11.1.0
setenv SYBINTERFACES=${SYBASE}/interfaces
setenv PATH=/bin:/usr/bin:/tools/common/ea:/tools/bin:${SYBASE}/bin:${PATH}
setenv LD_LIBRARY_PATH=${LD_LIBRARY_PATH}:/opt/SUNWmotif/lib:/usr/openwin/lib:/tools/rogue70_new/lib
setenv LD_LIBRARY_PATH=${LD_LIBRARY_PATH}:/opt/SUNWspro/lib:/usr/lib:${SYBASE}/lib
setenv
LD_LIBRARY_PATH=${LD_LIBRARY_PATH}:${CUSTOM}/lib/COM:${CUSTOM}/lib/IOS:${CUSTOM}
M}/lib/CSS:${CUSTOM}/lib/DSS:${CUSTOM}/lib/DMS
setenv LD_LIBRARY_PATH=${LD_LIBRARY_PATH}:${CUSTOM}/lib/MSS:/tools/workshop/lib
```

and then run the contribution driver and specify the mode:

```
> /usr/ecs/<mode>/CUSTOM/bin/IOS/ContributionDriver <mode>
ECSed18876 JEST: AST 'Rename Set' button does nothing 102898 PROBLEM DESCRIPTION....
```

The 'Rename Set' button does not function. It should highlight the currently selected attribute set name and let the user type over it. The workaround is that the user can manually highlight the name by directly clicking on it.

ECSed19303 L2ETS Fails To Trigger After AST_09T Insert By L1ACT 111898 This TT is being written for promotion to an ECS NCR "mode OPS, drop 4PX.11, 2-emergency, l0pls01, RelB0_PLS".

During testing of the multiple science processor configuration at LaRC, two pairs of PGEs were submitted- L1ACT/L1ETS and L2ACT/L2ETS. These have been registered as

different versions of the same PGE, running on the same data.

Both L1ACT and L2ACT run concurrently on different science processors. The L2ACT DPR completes successfully, and its L2ETS successor is scheduled. The L1ACT DPR completes successfully, but its L1ETS successor does not schedule.

Investigation of the database reveals that the data availability flag for the AST_09T granule for L1ACT is still set to "0" after the successful insert.

Investigation of the EcPISubMgr logs reveals that the subscription notification processing for the L2ACT job completes successfully, but the subscription notification processing for the L1ACT job fails with "attempt to insert duplicate key row".

This scenario has been run three times with the same result, even after resetting the PDPS database and re-inserting all PGEs and data.

Workaround- Deleting and re-entering the L1 PRs/DPRs seems to have worked in one case. "In this scenario, the L1 jobs run alone, not in tandem with the L2 jobs."

"LaRC TT # 1075"

***** Per 11/20/98 NCR Board ***** (C. Whitaker)

LaRC has reported that the workaround is not working. As a result, this NCR is being changed to a Severity 1.

ECSed11877 Msg Passing library: Requires cds entries cleaned up between executions 020298 IMPACT....

The workaround we have been using for over a year now is to clean the cdsentries in the start up script for the SubMgr. This will continue to work just fine until this can be fixed.

ECSed16177 EcDsSrAddesdt extracts incorrect VersionID for L7CPF 071398 IMPACT....

The L7CPF ESDT cannot be installed using the current DsESDTLsL7CPF.001.desc descriptor file.

A workaround is to remove "LocalVersionID" from the comment in the descriptor or to change its case.

ECSed16677 HW/SW Mapping issue - local 073198 Please describe the problem you are experiencing below, including what you did, what you expected to happen, and what actually happened:

Submitted for Jim VerMeer

The 4P1 HW/SW mapping calls for e0ais02 being our primary AIT workstaion. We have not used this machine in the past so it is not populated/configured with COTS,

and therefore not at baseline.

Locally, we will need to install COTS on e0ais02 to bring up to baseline.
As a workaround while this is underway, we will use e0ais03 as our primary workstation.

Impact: unable to perform checkout/unexpected
allocation of Sys Adm resources to install COTS

(Related NCRs: ECSed16666/ECSed16676 Need for documentation of changes
to HW/SW mappings)

ECSed17734 .EcDsStDISTSRVR_EDC.pkg missing servers 091098 The .iu files for the
common set of STMGT drivers was not included in the
daac-extended .EcDsStDISTSRVR_EDC.pkg file called out in the .sitemap file.
Since the common set was available in the .EcDsStDISTSRVR.pkg file, I copied
them into the .EcDsStDISTSRVR_EDC.pkg file as a workaround.

- Jim VerMeer

ECSed18677 ftp to ASTER of FDS planning products need Signal Files 081398 Please describe the
problem you are experiencing below, including
what you did, what you expected to happen, and what actually happened:

The ASTER GDS ICD states that ftp of FDS planning products requires a
signal file for each product (section 4.2). The current software does
not provide signal files for ASTER.

The workaround is to manually create a signal file for each ASTER FDF
product and manually ftp this file after the ftp of the FDF planning
products.

ECSed18777 SSIT: Should only expect MAX NUM GRANULES - 1 Auxiliary Logical Ids 102298
IMPACT....

Any PGE that requires Auxiliary Logical Ids (one that
requires or may require more than one L0 granule) will not
register successfully without the number of Auxiliary Logical Id
Objects = to the MAX_GRANULES_REQUIRED parameter.

Because of this, DPS will fail the job in the Preprocessing stage,
so the job cannot run. See WORKAROUND for the workaround to the
problem.

-- M. Mauthe

ECSed04278 PGE database update science does not initialize new ESDTs. 103196 Please describe the
problem you are experiencing below, including
what you did, what you expected to happen, and what actually happened:

When processing an odl file that references ESDTs that are non-existent in the
PDPS/SSIT database the program fails.

Current workaround used:

Manually insert ESDTs into the appropriate table.

ECSed09678 FaAcCruncher can't open libimslmathso file 110397
FOT can send info as workaround.

ECSed13678 SSIT Science Metadata Database Update does not process the last tile. 033198 IMPACT....

We will not be able to process last tile in specified in the Tile ODL.

See WORKAROUND for a way to workaround the problem.

-- M. Mauthe

ECSed16078 Need to remove hard-coded infoMgr on insert to DDICT 070898
JEST will be unable to find the server UR of the server they need to send requests (inventory, acquire etc) to. Needed in 4P Landsat time frame in order for the L7 B&A workaround to work.

ECSed17578 Unknown URL for FDS generate reports web page 083198 Please describe the problem you are experiencing below, including what you did, what you expected to happen, and what actually happened:

When attempting to use the reports utility web page, an unknown URL message appears when selecting the FDS report option.

Additional information provided by Rory Casey via e-mail 8/24/98:

The workaround is to manually audit the Sybase validation log. Operational impact- due to the size of the log, this is an arduous task, and an error message could be missed.

ECSed18078 Incomplete Long PAN mailed for EcInPolling.IAS (L7CPF data) 092598 IMPACT....

This is a medium impact NCR since it does not affect the ingest of data in which the PDR contains the correct information but does affect the ability of the Data Provider to fix some of the problems that in their PDRs and reingest the data.

Note: The DAAC personnel would have access to the correct PAN and would be able to help the Data Provider fix their PDR problems when called upon.

WorkAround....

No workaround to fix the truncated Long PAN E-mail problem.

ECSed18778 D3 dependent on cold starts of several servers - not documented 102298 When working through the D3 tape checkout problems with the Landover Trouble Desk, I was told to Cold Start several servers. EcDsStStagingMonitorServer, EcDsStStagingDiskServer, and the EcDsStArchiveServer were Cold started using a command like the following on e0drg01 using the cmshared account:

```
/usr/ecs/$1/CUSTOM/utilities/EcDsStStagingDiskServerStart $1  
StartTemperature cold
```

This appears to have cleared out old information and the D3 server checkout worked after the cold start was performed. This appears to have been a workaround in the previous drop.

This is not documented. Checkout instructions and/or operating instructions need to be updated to include this information.

ECSed13479 When NCC I/F connection fails, TDRS acts. permanently left in "pending 032598 Please describe the problem you are experiencing below, including what you did, what you expected to happen, and what actually happened:

When submitting a batch of 4 Communications Events, the NCC connection failed. When this happens, contact activities on the Timeline are left in an "Add Pending" state, and there is no way to remove the contact from the Plan. There is also no way to change the state back to an "Unsubmitted" state. The only workaround is to remove the states and allocations related to TDRS contacts from the database and recycle all Resource Models on the entire system. This is not an acceptable workaround. Tom Collins witnessed this problem and agrees that it needs to be fixed.

Ed Rodriguez
3/24/98

ECSed14879 static telemetry problems 051598 There is a bug with Sybase Server 11.5 that causes this problem. Sybase has been notified and are working it. Meanwhile a workaround has been implemented that will update the records containing a "0" in the comp_num and comp_size fields of the tlm_parm_pdb to a "1" after the data has been bulkcopied in.

S. Casey
6/8/98

ECSed15579 ECS Assist installation scripts for Deputy 061598 IMPACT....

The Deputy does not startup from the ECS Assist startup script.

There is a workaround that permits all apps to startup. This includes manually creating subdirectories, and copying files.

ECSed17579 Similar process ID numbers confuse Plot Engines 083198 Please describe the problem you are experiencing below, including what you did, what you expected to happen, and what actually happened:

When two Plot Engines start on different machines with the same ID number, there is some interaction where the Engine becomes confused about which plotfile to read and can print half the plot from one request, and half the plots from another request. The request can always be rerun, but this becomes hard to catch the first time. Saw a similar previous occurrence where an ID number had already been used and the Plot Engine just hung on the machine not even producing plots.

Additional information provided by Rory Casey via e-mail 8/24/98

The workaround is stated in the text of the DR. The proposed fix is to append the hostname to the request ID.

ECSed18779 D3 dependent on cold starts of several servers - not documented 102298 When working through the D3 tape checkout problems with the

Landover Trouble Desk, I was told to Cold Start several servers. EcDsStStagingMonitorServer, EcDsStStagingDiskServer, and the EcDsStArchiveServer were Cold started using a command like the following on e0drg01 using the cmshared account:

```
/usr/ecs/$1/CUSTOM/utilities/EcDsStStagingDiskServerStart $1  
StartTemperature cold
```

This appears to have cleared out old information and the D3 server checkout worked after the cold start was performed.

This appears to have been a workaround in the previous drop.

This is not documented. Checkout instructions and/or operating instructions need to be updated to include this information.

ECSed16480 Subscription runOpGui.csh script has invalid pathname 072898 Describe the Reason for closing this NCR?

NCR Board approved closure with LaRC concurrence:

Shelia,

>From the CCB meeting of September 3, 1998:

Concurrence is granted for the following NCRs -

13175	13165	13161	15327	16728	16729
16730	16737	16721	16719	16480	15301

Concurrence is NOT granted for the following NCRs -

13771 - (From Jim Gallasso) "The assumption made for the implementation of multi-granule ESDTs is incorrect. The assumption is that if a multi-granule ESDT is used over a time period that each granule would represent a subset of the total time period.

"MISR has implemented the multi-granule ESDTs not based on time, but based on camera. Each instance of the multi-granule ESDT contains data for the same time period, but for a different camera.

"The resolution and the verification statements in this NCR are incorrect and should be withdrawn as they are based souly on an assumption. The workaround mentioned is also based on the same assumption which is inaccurate, therefore the workaround will not work.

"Since another NCR is open on the multi-granule ESDT issue, I recommend to the NCR board to close as a duplicate of: NCR 16745. Thank you."

14463 - The resolution to this problem is not clear. "What did you do to resolve this?"

Brian K. Engle
Tracking Ticket Administrator

ECSed16580 PLWB: Reactivation after failure - fails on insert dup. entry into queue 073198
IMPACT....

If a plan fails during activation, it can not be reactivated without a workaround.

ECSed17480 Cannot create an ESOD directory entry 082798 This TT is written for promotion to NCR.

Host: l0ins02 Drop: 4P1 Priority: 2-critical Bucket: SysBuild

There may actually be two problems here.

Problem 1. File /usr/ecs/TS2/CUSTOM/WWW/IOS/config/obj.conf is missing from the 4P1 delivery. Cannot configure ESOD website for l0ins02 per instructions in Appendix D of Installation Notes.

Problem 2. As workaround for the missing obj.conf file for IOS, an existing obj.conf file was located from TS1 and modified with TS2 paths. This failed after the following steps were completed during checkout:

Step 33" ESOD Home Page was brought up successfully.

Step 34" "Contribute Your Own Entry" was selected and Contributions page displayed.

Step 35" "Create Directory Entry" was selected and the following was displayed.

Server Error

This server has encountered an internal error which prevents it from fulfilling your request. The most likely cause is a misconfiguration. Please ask the administrator to look for messages in the server's error log.

The file /data1/OPS/COTS/ns-home/https-l0ins02_IOS_TS2/logs/errors contained the following:

```
[31/Jul/1998:10:33:18] failure: for host 198.118.219.74 trying to
GET /IOS/IOAdEsodContributionForm,
cgi-parse -output reports: the CGI program
/usr/ecs/TS2/CUSTOM/cgi-bin/IOS/IOAdEsodContributionForm
did not produce a valid header "program terminated without a valid CGI header.
Check for core dump or other abnormal termination"
```

***** IMPACT *****

Cannot configure ESOD website for l0ins02 per instructions in Appendix D of Installation Notes.

ECSed18080 File privilege problem with data on D3 tape 092598 IMPACT....

Files that are untarred from D3 tape without the correct permission will not be successfully ingested and archived. This is a high impact even though it has a workaround since the workaround is time consuming.

WorkAround....

The operator would manually dump the data from the tape reset the file privileges to their proper state, reload the data backup onto the tape and then ingest the data.

ECSed11081 WWW: Netscape Files & Other COTS Conf Files 123197 PROBLEM DESCRIPTION....

1/09/98: The below Netscape problem is just one example of a generic problem of where to document COTS configuration changes required by the custom code.

This NCR is being held open, and the Title is being modified to document the more generic problem. The original Netscape problem below was already corrected in the VATC.

Original Problem statement:

This problem has already been corrected for Drop 3 VATC/OPS install.

The netscape would not display the Advertising Service web page and the User Registration Tool web page from the desktop.

According to Show Chen, the netscape wrapper script requires an additional "\$*" to allow it to take arguments.

This had been done in the mini-DAAC successfully, but a workaround had been used by Drop 1 and 2 installers at the VATC and GDAAC and the problem was not discovered.

Specific configuration procedures for the netscape are required at software turnover and a web administrator (from the site being installed) should be at the turnover meeting.

Once the problem was identified, HTSC promptly made the change and the functions worked OK.

Verification:

1. Launch the Client Desktop.
2. Double click on the Advertising Services and User Registration icons.
3. Netscape windows will display the web pages.

ECSed11181 Resource Editor unable to modify resources 010898 If the user defines the following resources using the Resource editor: Disk, Computer and string; the user will not be able to associate a computer for the string. Also the user cannot unassociate the disk from the computer via the modify button. If the user attempts to modify the disk associated with the computer the following message appears: UNABLE TO LOCK RESOURCE TABLES - CANNOT MODIFY RESOURCES. Occasionally the user cannot

delete the computer, string or disk using the delete button.
The same message as above appears, but it appears in the DEBUG log.

This is a severity 2 NCR because the user cannot modify many of resources that have been defined without resetting the database. Resetting the database is a workaround in the VATC but it should be avoided. In addition, the testers cannot perform TS0420 until this is resolved.

ECSed11581 MSS Database scripts not delivered 012698 MSS database scripts were not delivered. The tester copied over from clearcase.

IMPACT:

No immediate impact but without scripts tester cannot install MSS database.

UPDATE (1/29/98):

Talked to Gordon Brandyburg who implemented the workaround here. Seems that nothing was delivered in terms of files, scripts, etc. for the MSS database install. This should be enough info for development to start.

He has a file that captures the listing of files obtained from ClearCase which resolves this problem. I am apprehensive about attaching it because it is quite large. If this NCR is to be printed out in full page format, it could run on for a few hundred pages! Plus I'm not sure how much help the attached file would be.

Please notify me if this file is absolutely needed to make progress.

ECSed12481 Constraint definer tool aborts when trying to "open" or "delete" 022598 Please describe the problem you are experiencing below, including what you did, what you expected to happen, and what actually happened:

Trying to "open" or "delete" within the constraint definer tool results in the definer "terminating by signal 11".

Our workaround is to submit a CCR to the FOT, and have them inset a constraint definition into the database.

Debbie Ramey
2/12/98

ECSed18181 Allocation sizes in DpPrDiskAllocation Table not Floats 071098 The workaround for this problem is to force-start the job after additional disk allocations have occurred and hope the sum of the truncation errors is smaller than the overage in size of a granule found for deletion by FreeDiskSpace.

:~)

ECSed18681 Load Queuer Hangs in Processing 091698 Please describe the problem you are experiencing below, including what you did, what you expected to happen, and what actually happened:

When generating an ATC load which incorporates an RTS load, the load queuer hangs in a processing state.

The workaround for this problem is to recycle the load queuer on the data server and catch the load generator in an initializing or reading state, and then delete the job.

Adrian Holmes FOT
(301) 614-5101

ECSed18781 Closing DB connections by LIM,ECSToV0Gatewa 102298 IMPACT...
If the connections are not closed, they will reach the max limit of the database server and we cannot do anything on the DB server.

Note: per 10/22 mail from G. Swope. This problem could prevent certain functionality.
Only workaround is to bounce the servers.

ECSed07982 MOPITT cannot logon to testbed using IP address 072997 Status as of 4:15 7/29/97:

NSI modified protocol to use bgp protocol which is not capable of being handled by the Testbed router. A temporary workaround was made locally here at the Langley DAAC by the networking group (Dave Yeager) such that MOPITT and MISR are able to get in and out. However, the permanent fix is still in progress and needs to be completed. It is also my understanding that the SEO network down here at the Langley DAAC has the same problem and the temporary fix is being worked for that as well.

Recommend downgrade to a priority 2.

ECSed13482 CERES IST cannot be brought up 032598 Please describe the problem you are experiencing below, including what you did, what you expected to happen, and what actually happened:

On 3/26 in patch 2.1.5e3, the CERES IST could not be brought up in the mini-EOC. The ist_counter table values for CERES (there is only one IST in the mini-EOC) were set as follows 4 - IstUnded; 4 - IstTotal; and 1 - IstFlag. As a workaround the developer set the SDVF and ASTER IstUnded and IstTotal fields both to 20 from 0 and 1 respectively.

ECSed15882 GDAS0ZFH data not archived successfully 062998 IMPACT...

The GDAS0ZFH data is not archived but it is placed in the SDSRV Inventory database. This caused the DAAC to advertise data that it does not physically have.

WORKAROUND....

No workaround that the tester is aware of for this problem.

ECSed16182 QA Monitor GUI, status field needs "successful message". 071398
Please describe your Analysis:

Processing status is written to the log files and should be displayed on the GUI, too.

No workaround needed. Just look in the log files for now.

ECSed17482 Two Cores in Hdf Servers 081098 IMPACT.... Acquire requests that involve the Hdf Server are inconsistent. One time the Request fails, and the next it completes successfully, with no changes being made between the two runs.

There is no workaround, other than to have the user resubmit the request.

ECSed17582 Event Controller process core dumped 083198 Please describe the problem you are experiencing below, including what you did, what you expected to happen, and what actually happened:

The event controller process core dumped, causing the Event Display to disappear. When attempting to bring it back up, the following error message was received in a dialogue box: "Item Event_Display does not exist. Re-enter"

Once this occurs, there is no way to bring up any PAS tools from the Control Window. The workaround is to bring the Workstation completely down and bring it back up.

EJR 8/19/98

Additional Information provided by Rory Casey via email 8/24/98

The problem was isolated to the user workstation. There was no impact to real time operations.

ECSed07883 Provide a script to reset a DPR to its initial state. 052997 Describe the Reason for closing this NCR?

Per the NCR Board, after entering this information, it is okay to close.

Sheila Barriere
8/12/98

Author: Edmund Larson at 11-ECS-2
Date: 8/7/98 12:12 PM
Priority: Normal
TO: Carolyn V Whitaker
TO: Sheila Barriere at 11-ECS-4
CC: Michael W Bopf at 11-ecs-0
CC: Atlee Whiteleather at 11-ECS-4
Subject: Re: NCR 07883

----- Message Contents -----

The scripts were a testbed workaround and are not delivered in Rel B. The Production Request Editor GUI capability was added in Drop 2. This is all stated in the NCR as it is now.

Ed

ECSed10983 DESKTOP: Can't Convert Type "lucida sans-bold" 122697 During a Desktop login using the command `desktop` or `daac`, the following warning message is always displayed in the UNIX window:

```
Warning: Cannot convert string `-*-lucida sans-bold-i-*-*-140-
*-*-*-iso8859-1` to type FontStruct
```

the Desktop is displayed, and no workaround seems to be needed. However, the font needs to be changed.

Recommend that the ECSMotif file request an available font.

Verification is inspection of the ECSMotif file of the font change, and launching a desktop and the warning message is not displayed.

ECSed12283 ExecMgmt: Cannot handle Data Root with multiple science processors 021898 IMPACT....

Can't use multiple science processors without a workaround (see workaround enclosure for details). Without workaround, only a single science processor can be supported by DPS.

With workaround, there are strict limitations on the disk partitions that can be used. This may cause problems with the way the DAACs want to set up their hardware to run various types of PGEs.

-- M. Mauthe

ECSed12283 ExecMgmt: Cannot handle Data Root with multiple science processors 021898 To workaround the problem you need to create softlinks on the Queuing server, Science Data Server, Archive Server and the science processors to point to the various cross-mounted directories. For example for science processors called "joe" and "sam":

```
/usr/ecs/<MODE>/CUSTOM/data/DPS/Partition1 ->
/usr/ecs/<MODE>/CUSTOM/pdps/joe/data

/usr/ecs/<MODE>/CUSTOM/data/DPS/Partition2 ->
/usr/ecs/<MODE>/CUSTOM/pdps/sam/data
```

Data Root in the DPS CFG files is then set to:

```
/usr/ecs/<MODE>/CUSTOM/data/DPS
```

When doing Resource Planning for the facility, the two science processors ("joe" and "sam") can only have one disk partition each. "joe" must have a disk partition called "Partition1" and "sam" must have a disk partition called "Partition2".

-- M. Mauthe (with help from A. Whiteleather and N. Hariharan)

ECSed12283 ExecMgmt: Cannot handle Data Root with multiple science processors 021898 Please describe your verification:

We have set up multiple processors in the VATC beginning with Drop 4P. PDPS supports this at installation time by setting up a separate DataRoot value for each science processor - thus in the VATC we have two DataRoot values: t1spg01_DataRoot and t1aqq02_DataRoot. During Resource Planning we defined two separate strings, each using one of the science processors. We then executed PGE's on each string.

No manual workarounds were needed.

ECSed05784 Page Displays are shown in User Window only 031097 Bug ID: ECSed02935

FOS_POST_RRR Submitted: 960815

CLOSE defect report Assigned-Eval: 970311

Assigned-Fix: 970314

Software: desktop

4 enclosures

"EC must automatically update its page list when new pages are created"

DETECTION INFORMATION

ANALYSIS INFORMATION

Detection method[*]: Planned Test Evaluate engineer: lsheckle

Detected in phase[*]: System I&T A2 When_Planned: 2.1.5

Test Case ID: Assigned to: rmosley

Build ID: A2 Affect Subsystem[*]: FUI

Platform ID: Analysis time (hrs): 1

Test Site[*]: EDF Est. fix time (hrs): 1

Severity (1=Showstopper)[*]: 3

NCR Priority (A=Launch Critical)[*]: C

Related-DR: FOS0514

SUBMITTER INFORMATION

Submitter: Richard Broome (LORAL)

Address: rbroome@puff

Page 1/2

Bug ID: ECSed02935

FOS_POST_RRR Assigned-Verify 980323

CLOSE defect report

Verified 980324

Closed 980325

RESOLUTION INFORMATION

CLOSING INFORMATION:

Resolutions[*]: not a bug

Closing accepted by:

Resolved by: rmosley

SLOC: 0

Fixing time (hrs): 0

Documentation affected (Y/N)? N

When_fixed: 2.1.5

TESTING INFORMATION:

Assigned test engineer: jrubenac

VERIFICATION INFORMATION

Test Status (Pass/Fail)? P

Elapsed test time (hrs): 1

Attachments (Y/N)? N (jrubenac@puff)

Page 2/2

***** Problem *****

Please describe the problem you are experiencing below, including what you did, what you expected to happen, and what actually happened:

Currently, a new page definition (created via the Display Builder) is not recognized by EC until the process is restarted.

A manual workaround using a script generates the new pageUser.dat file, but EC has no way of re-reading this file once it has been started.

***** Analysis *****

Please describe your analysis to this problem:

The environment controller only dynamically updates user pages and rooms only.

***** Verification (Added 980324 by jrubenac) *****

Display pages saved to the user's local directory and Built to Local are immediately available to the same user without needing to restart the Environment Controller or any other process.

John Rubenacker
Mini-EOC/Build 2.1.5.E3
March 24, 1998

***** Action Taken (Added 980325 by bseaman) *****

NCR Closed

3/25/98

***** History *****

xdds 960815 093624 Submitted to FOS_INTEGR_A by rbroome@puff
xdds 960815 093759 Enclosure "Problem" added by rbroome

xddts 960815 093819 N -> A (Assigned-Eval to sfirth) by rbroome
xddts 960815 093837 Fields modified by rbroome
xddts 960820 131158 Fields modified by rbroome
xddts 960911 100612 Forwarded from FOS_INTEGR_A to FOS_TEST_A by dlevin
xddts 960927 171217 Fields modified by dlevin
xddts 961014 180022 A -> A (Assigned-Eval to mcampbel) by sfirth
xddts 961024 163239 Forwarded from FOS_TEST_A to From_A by dlevin
xddts 961024 163252 N -> A (Assigned-Eval to mcampbel) by dlevin
xddts 970114 131043 Enclosure Analysis added by jclark
xddts 970114 131043 A -> O by jclark
xddts 970114 131105 O -> O by jclark
xddts 970128 161450 Fields modified by cwmurphy
xddts 970131 140017 Fields modified by cwmurphy
xddts 970311 095640 O -> A (Assigned-Eval to rbroome) by lsheckle
xddts 970314 105927 A -> O by lsheckle
xddts 970708 101949 Fields modified by rbrauns
xddts 970724 162133 Fields modified by rbrauns
xddts 970926 170203 Fields modified by cwilliam
xddts 971201 104651 Enclosure "Resolution" added by rmosley
xddts 980206 093152 Fields modified by bseaman
xddts 980319 152517 O -> R (Resolution = not a bug) by
xddts 980320 144710 enclosure "Resolution" deleted by rmosley
xddts 980320 145202 enclosure "Analysis" edited by rmosley
xddts 980323 101506 Fields modified by ddunn
xddts 980323 101733 R -> T by
xddts 980324 124353 T -> V by jrubenac
xddts 980324 124742 Enclosure "Verification" added by jrubenac
xddts 980325 091348 V -> C by
xddts 980325 091358 Enclosure "Action Taken" added by bseaman

ECSed14184 Intermittent failure during Acquire 042098 NCR ID: ECSed13123 Status:
CLOSED Submit Date: 980313
NCR Class: REL_B0_INFORMAL Project: RelB0_STMG T Enclosures: 10

NCR TITLE....

Can't Stage Landsat LPS Data

DETECTION INFORMATION....

Build Name[*]: Patch 3.03
Test Site[*]: VATC
Detection Method[*]: Planned Test
Detected-In-Phase[*]: System Verificatio
Build ID: Drop3.03
Test Case ID: L7 I&A, V4
Platform ID: SGI
Severity (1=Showstopper)[*]: 2
Need fix by [*]: Emergency
Mode [*]: OPS

REVIEW-ASSIGN INFORMATION....

SUBMITTER INFORMATION....

Submitter: jrattiga

NCR ID: ECSed13123 Status: CLOSED
NCR Class: REL_B0_INFORMAL Project: RelB0_STMGT

TO BE FIXED INFORMATION....	VERIFICATION INFORMATION....
Problem Type[*]: source code	Test Status (Pass/Fail)?: P
Recommended Change[*]: source code	Elapsed Test Time (Hrs): 1
Est. Fix Time (Hrs): 160	Verification Site[*]: Mini-DAAC
Est. Compl. Date (yymmdd): 980403	Verified Build ID: 4.0
Related NCR ID: N/A	Verified Platform ID: SGI

CLOSING INFORMATION....

RESOLUTION INFORMATION....	Closing Reason[*]: Fixed
Resolution[*]: design	CCR#/NCR#: none
Resolved by: bvelikov	Closing accepted by: sbarrier
Indicate_SLOC[*]: Modified	
Num_SLOC: 250	
Fixing Time (hrs): 160	
Documentation affected (Y/N)? N	
Affect CSCI: STMG	

***** Problem *****

PROBLEM DESCRIPTION.... While attempting to acquire Landsat7 LPS data, many files must be extracted from the archive and then staged before any subsetting or reformatting can be performed. When running tests in the VATC, it was very hard to get all the necessary files staged (successfully staged all files approximately 5 times in the two weeks I've been running the tests).

Errors show up in the Archive logs, but the problem is related to Staging. Boris Velikovich is analyzing this problem. There is no workaround that I know of, only that occasionally it does work. Boris did help us optimize the STAGINGMONITORCONFIG file, which actually helped a bit more, but the problem is still experienced more than 75% of the time.

See log messgaes below:

Archive Debug log:

```

SMProxy::Ctor: modePart: OPS
SMProxy::Ctor: cellName: ../../vatccell.vatc.ecs.nasa.gov
SMProxy::Ctor: groupName: EcDsStStagingMonitorServerDRP1
SMProxy::Ctor: Client path: ./subsys/ecs/OPS/EcDsStStagingMonitorServerDRP1
SMProxy::Leaving DsStStagingMonitorProxy constructor
ARReal::Store : File to retrieve is - /dss_stk1/OPS/17/:SC:L70RF1:2161:2.HDF-EOS
Entering DsStArchiveReal::CheckForRetrieveErrors
Leaving DsStArchiveReal::CheckForRetrieveErrors
ARReal::***** ARCHIVE RETRIEVE FAILED *****
ARReal::Retrieve : Failure using SM server MOVE function.

```

ARReal::Retrieve : The Source file is - /dss_stk1/OPS/17/:SC:L70RF1:2161:2.HDF-EOS
ARReal::Retrieve : The Destination file is - :SC:L70RF1:2161:2.HDF-EOS
ARReal::Retrieve : The compression type is : 0
ARReal::***** ARCHIVE RETRIEVE FAILED *****

(and the file is actually pulled out of the archive and placed in user1, not usern)

StagingMonitor Debug...

SMReal::Entering DsStStagingMonitorReal::DoGetFreeCache
SMReal::DoGetFreeCache: freeCacheSize = 1999887377
SMReal::Leaving DsStStagingMonitorReal::DoGetFreeCache
SMReal::Entering DsStStagingMonitorReal::CheckSpace
SMReal::Leaving DsStStagingMonitorReal::CheckSpace
SMReal::Entering DsStStagingMonitorReal::CopyFile()
SMReal::Entering DsStStagingMonitorReal::Copy
Running EcUtCopyExec /dss_stk1/OPS/17/:SC:L70RF1:2161:2.HDF-EOS
/home/sdsrv/stage//user1/:SC:L70RF1:2161:2.HDF-E
OS....
SMReal::Leaving DsStStagingMonitorReal::Copy
SMReal::Leaving DsStStagingMonitorReal::CopyFile()
SMReal::Entering DsStStagingMonitorReal::AddToDataList
SMReal::AddToDataList: Added File :SC:L70RF1:2161:2.HDF-EOS to StagingDataList
Virtual time alarm
Event filter from .ACFG file : 2
Priority Set in code : 2
Sending event to MSS without ERC
SMReal::AddToDataList: Unable to update CACHESIZE in config file
SMReal::Leaving DsStStagingMonitorReal::AddToDataList
MsAgPathFinder: AgentLog - /usr/ecs/SHARED/CUSTOM/logs/MsAgMssLogFile_OPS.log

StagingDiskDebug...

SDReal::Create : Staging Disk allocated name being set to value - Disk::2
Leaving DsStStagingDiskReal::Create
Entering DsStStagingDiskReal destructor
Leaving DsStStagingDiskReal destructor
Entering DsStStagingDiskReal::Create
SDReal::Create : Input Name - Disk::2
Entering DsStStagingDiskReal constructor
SDReal::Ctor : Path - /home/sdsrv/stage//user2
SDReal::Ctor : RequestId - 0
SDReal::Ctor : Name - Disk::2
SDReal::Ctor : Access - RW
SDReal::Ctor : Size - 273488
Leaving DsStStagingDiskReal constructor
SDReal::Create : Staging Disk allocated name being set to value - Disk::2
Leaving DsStStagingDiskReal::Create
Entering DsStStagingDiskReal::DistDelete
SDReal::DistDelete : Delete file - L71EDC139617207013.B10
Leaving DsStStagingDiskReal::DistDelete
Entering DsStStagingDiskReal destructor
Leaving DsStStagingDiskReal destructor

STAGINGMONITORCONFIG file...

```
# ROOTPATH = /home/dsst/staging
# DISKSPACE = 400000
#
# [aaa] is necessary for reading this file
```

[GENERAL]

```
SERVERHOST = DRP1_
CACHESPACE = 2000000000
ROOTPATH = /usr/ecs/OPS/CUSTOM/drp/t1drg01/data/staging/
DISKSPACE = 2100000000
CACHESIZE = 1999017710
LOWWATERMARK = 5.8
HIGHWATERMARK = 90.6
MAXFILES = 10000
BLOCKSIZE = 1024
PATHLEN = 300
EXPIRATIONFLAG = TRUE
ZEROACCESSFLAG = 0
STAGINGDATALIST = /usr/ecs/OPS/CUSTOM/drp/t1drg01/data/staging/STAGINGDATALIST
MAXCMDLEN = 300
```

***** Impact *****

IMPACT.... There is no workaround for this problem!!!! Landsat LPS data cannot be acquired until this problem is fixed!!

***** Analysis *****

Please describe your Analysis:

Although files are being staged, staging monitor is failing when attempting to update the configuration file.

***** ResolutionUpdate (Added 980401 by dbrown) *****

Work around has been created which turns off the update of the staging monitor remaining space. This avoids the problems that arise from update of the remaining space in the configuration file. This is only a temporary change to allow for testing to continue. This work around is part of the

Yellow Patch to drop 4. A permanent fix will be coming in the rework of the Staging Monitor done for ECSed12593.

Note added 04/02/98. The patch that the work around may be included in is not the Yellow patch but rather the Purple Patch to drop 4. The work around changes are scheduled to be merged today for consideration as part of the Purple Patch.

***** Status (Added 980408 by spalmer) *****

4/7/98

Merged the workaround to B/L on 4/3, not recommended as patch to sites. The fix to this problem is being worked as part of NCR 12953, plan to complete U/T and merge to F/R B/L (planned merge 4/10).

4/15/98

Completed merge to F/R, will move NCt to "T" state.

NOTE: IPT decided to patch workaround for delivery (Purple Patch).

5/7/98

Based on workaround being established in Purple Patch this NCR is changed from a Sev 1 to a Sev 2.

***** NSIDC-all datatypes (Added 980427 by lpage) *****

At NSIDC this problem is occurring for all data types. Orders from B0SOT are successful 4 times out of 5. FTPushes and FTPpulls from the SDSRV driver works 4 out of 5 times. PDPS FTPpushes work 2 out of 5 times.

Acquires triggered from a subscription on insertion of data work ~ one out of 40 times.

NSIDC has 4.05 code, please refer to NCR 14184 for details. Why is this working better at EDC, LARC, & the VATC. What can we do to improve our odds?

***** Workaround-NSIDC (Added 980428 by lpage) *****

From further investigation at NSIDC, I believe that the first acquire on an inserted granule will fail. This would explain why an acquire from a subscription would not get fulfilled. If there are two subscriptions with an acquire, the first one will fail and the second one will be fulfilled.

Along with testing triggering acquires on insertion, we inserted a granule using the SDSRV Driver on a data type that did not have any subscriptions. Once the granule was inserted, we triggered a ftppush using the SDSRV

Driver. The first ftppush failed; however, subsequent ftppushes were successful.

As a work around, duplicate subscriptions w/acquires should be entered into SBSRV and acquires should be triggered twice for data that has not yet been acquired.

***** Resolution *****

Please describe your resolution to this problem:

With the redesign of Staging Monitor for Fault Recovery, cache size is now maintained in the database, not a configuration file. As a result, the bug is OBE.

***** Verification *****

Please describe your verification:

Landsat5 (Stage 4) data was successfully staged and acquired. The three required "user" directories were created in staging and visible proof of the subsetting was observed. After the subsetting and data conversion was accomplished, data was successfully ftp pulled. Staging of the data was accomplished multiple times. Ftp pull was accomplished after correct and final cleanup of the storage management database and the pull directory as well as recycling of the PullMonitorServer. Additional pushes and pulls of "L70R" data was accomplished using the Science Data Server Request Driver.

***** Closure *****

Describe the Reason for closing this NCR?

The NCR Board approved this NCR to be Closed on 5/18/98.

***** History *****

xdds 980313 192019 Submitted to RelB0_STMGT by jrattiga
xdds 980313 193115 Enclosure "Problem" added by jrattiga
xdds 980313 193200 Enclosure "Impact" added by jrattiga
xdds 980316 130716 N -> A (Assigned-to bvelikov) by bvelikov
xdds 980319 111330 Enclosure "Analysis" added by bvelikov
xdds 980319 111330 A -> R (Recommend-change = source code) by bvelikov
xdds 980401 142432 Enclosure "ResolutionUpdate" added by dbrown
xdds 980402 091124 enclosure "ResolutionUpdate" edited by dbrown
xdds 980407 123419 Fields modified by spalmer
xdds 980408 133953 Enclosure "Status" added by spalmer

xdds 980415 132307 enclosure "Status" edited by spalmer
xdds 980427 135823 Enclosure "NSIDC-all datatypes" added by lpage
xdds 980428 123510 Enclosure "Workaround-NSIDC" added by lpage
xdds 980504 112220 Fields modified by lpage
xdds 980507 152541 Fields modified by spalmer
xdds 980507 152710 enclosure "Status" edited by spalmer
xdds 980508 141710 Enclosure Resolution added by bvelikov
xdds 980508 141710 R -> T by bvelikov
xdds 980514 155228 Enclosure "Verification" added by pvickers
xdds 980514 155228 T -> V by pvickers
xdds 980518 143249 Enclosure "Closure" added by sbarrier
xdds 980518 143249 V -> C by sbarrier

ECSed17884 Package missing for CLS install "EcCIDAAC.pkg" 091698

.sitemap file needs to be updated to reflect that the EcCIDAAC.pkg needs to be installed on g0ins02 and g0ins01. As a workaround Jim Reavis is updating the .sitemap file to reflect the above mentioned changes.

QTKqa01985 "switch" always matches first case statement if value is null 042194 Date: Mon, 18 Apr 1994 13:16:56 -0800

To: support@QualTrak.COM

From: howard@locus.com

Subject: 'switch' breaks with null value

Cc: vera@devnet.la.locus.com

The 'switch' built-in does not work correctly if the value it is switching on is null - it always matches the first case statement. Example:

```
switch "$FOO"  
case ONE  
    goto Do_ONE  
case TWO  
    goto Do_TWO  
case THREE  
    goto Do_THREE  
default  
    goto Main_Entry  
end
```

Main_Entry: unset Main_Entry

```
.  
.  
.
```

Will **ALWAYS** go to Do_ONE if \$FOO is null. This seems to be a bug in the way switch looks at \$FOO as a **prefix** of the case string values. The current workaround is to use that ole' UNIX hack:

```
switch "X$FOO"  
case XONE  
    ...  
case XTWO  
    ...
```

etc.

Please open a severity 2 defect for this problem. I already spoke with Mike Manley about this one and tried the putting "" around \$FOO to no avail.

Howard

ECSed10885 Modify .install file to include copying Support Files 122297 While installing V0_Client using ECS Assist the support files was not copied to " /usr/ecs/OPS/CUSTOM/data/V0_Client/sup_files " after the directory was created. The .install file used by ECS Assist needs to be updated to support these. Current a workaround is in place.

ECSed05885 Delete key disappears and Font size settings affect GUI display 031897 This problem is due to the X defaults not being set correctly, I believe.

Joe Hunt was looking into this.
Fix may involve Paul Durao of Rel B.

Fix may be difficult to manage.

Note that the workaround is to use a smaller font size (as Natalie noted), and to not resize the screen. The latter is not much of a user inconvenience since this screen is usually not up for long.

Tom 28-Mar

The Top Level Shell filename text box should be removed from the GUI entirely.

Tom 7-Apr

ECSed11385 ECSAssist does not perform dcecp del object ReqMgr fails to come up 011598 NCR ID:
ECSed11021 Status: CLOSED Submit Date: 971230
NCR Class: REL_B0_INFORMAL Project: RelB0_SysBld Enclosures: 5

NCR TITLE....

ECS Assist Must delete CDS entries

DETECTION INFORMATION....

REVIEW-ASSIGN INFORMATION....

Build Name[*]: Drop 3

Evaluate Engineer: michelle

Test Site[*]: VATC

Assigned To: danderso

Detection Method[*]: Engineering Test Iteration [*]: Drop 3.5

Detected-In-Phase[*]: Installation

Build ID:

Test Case ID:

Platform ID: n/a

Severity (1=Showstopper)[*]: 2

Need fix by [*]: Critical

Mode [*]: OPS

Trouble Ticket:

SUBMITTER INFORMATION....

Submitter: jujhazy

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NCR ID: ECSed11021 Status: CLOSED
NCR Class: REL_B0_INFORMAL Project: RelB0_SysBld

TO BE FIXED INFORMATION....

VERIFICATION INFORMATION....

Problem Type[*]: source code	Test Status (Pass/Fail)?: P
Recommended Change[*]: source code	Elapsed Test Time (Hrs): 1
Est. Fix Time (Hrs): 4	Verification Site[*]: EDF
Est. Compl. Date (yymmdd): 980116	Verified Build ID: Drop 3.5
Related NCR ID: N/A	Verified Platform ID: n/a

CLOSING INFORMATION....

RESOLUTION INFORMATION....

Closing Reason[*]: Fixed

Resolution[*]: source code	CCR#/NCR#: none
Resolved by: danderso	Closing accepted by: sbarrier
Indicate_SLOC[*]: Added	
Num_SLOC: 150	
Fixing Time (hrs): 8	
Documentation affected (Y/N)? N	
Affect CSCI: ECS	

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***** Problem *****

PROBLEM DESCRIPTION....ECS Assist must delete DCS entries before making new ones when a user executes the mkcdsentry option. If a CDS entry remains from a prior installation, the stale entry could (and has) result in a server being incorrectly registered in the CDS namespace.

The ECS Assist tools does not clean "delete" CDS entries for the servers when the kill option is used to bring the servers down.

These entries need to be cleaned for the servers to work properly.

Experience has shown us that cleaning these entries from the CDS tables ensures that the servers run smoother when re-started.

We have scripts that we can use on each system as a workaround to this problem.

So far for Drop 3, we have had to do this manually through the CDSBROWSER tool.

***** Analysis *****

Please describe your Analysis:

There are two aspects to this problem. One is ensuring that the CDS entries are removed before regenerating them using the MkCdsEntry option from the GUI. The other is removing the CDS objects whenever a server is started. That will involve changing the startup script template in the EcCoScriptlib and changing the EcCoDcecp code so that it can support a request of this kind.

In all, it is at least a day's (uninterrupted!) work.

Damian Anderson (01/14/1998)

***** Resolution *****

Please describe your resolution to this problem:

Change to /ecs/formal/COMMON/scripts/EcCoScriptlib:
#####

```
# 01/16/1998 Damian Anderson NCR ECSed11021: Rename del_cds_entry to      #
#           del_cds_object, and change EcCoDcecp code #
#           to make it delete a CDS server object. #
#           Add del_cds_object call to start_server. #
```

Added a function in the script library to call a new function in the EcCoDcecp code. The process is authenticated as cell_admin via the cell_admin keytab file by making the call:

```
EcCoCdsMgr delete ${MODE} ${PRINCIPAL} ${HOSTNAME}
```

EcCoCdsMgr is a wrapper which authenticates a limited set of DCECP calls in our EcCoDcecp TCL script library.

(See /ecs/formal/COMMON/MiscUtils/EcCoCdsMgr/EcCoCdsMgr.c)

Added a call to del_cds_object in the function start_server so that whenever a server is started, the library call will delete the remaining CDS server objects before attempting to start the server. Since this is done in the script library, it should be unnecessary to replicate the change in every startup script. Server startup scripts which do not use the call:

```
EcCoScriptlib start_server
```

will find that they need to make the call:

```
EcCoScriptlib del_cds_object ${MODE} ${EXECUTABLE}
```

to delete the CDS server objects. It has been reported to me that the DCECP "object delete" calls do not always work on SGI, so this needs to be tested adequately.

```
#####  
Change to /ecs/formal/COMMON/MiscUtils/EcCoDcecp/EcCoDcecp  
#####
```

```
# 01/16/1998 Damian Anderson NCR ECSed11021: Implement EcCoDeleteServerObj #  
# to delete server objects before startup. #
```

Implemented a new function in DCECP which deletes the CDS server objects for a server. Because some subsystems do not follow the CDS naming standard in SD-1-015, attempted to delete the following entries, we need to delete objects with "Obj" in the name.

OPS MODE:

```
${SERVERS_DIR}/${host}/${principal}/${principal}  
${SERVERS_DIR}/${host}/${principal}/EcAgManager  
${SERVERS_DIR}/${host}/${principal}/${principal}Obj  
${SERVERS_DIR}/${host}/${principal}/EcAgManagerObj
```

other modes:

```
${SERVERS_DIR}/${host}/${principal}/${principal}_${mode}  
${SERVERS_DIR}/${host}/${principal}/EcAgManager_${mode}  
${SERVERS_DIR}/${host}/${principal}/${principal}Obj_${mode}  
${SERVERS_DIR}/${host}/${principal}/EcAgManagerObj_${mode}
```

where

```
SERVERS_DIR = ./:/ecs/subsys/servers  
host = the host running the process  
principal = server principal  
mode = usual meaning.
```

The "Obj" is not supposed to be in the name according to the naming standard, but since it is so common, I attempt to delete objects with "Obj" in the name too. It would help if we all agreed on what the CDS object naming standard is and then keep to it.

Also, why do we have different names for OPS mode and other modes? It would make sense to have all modes follow the same convention.

Damian Anderson (01/16/1998)

***** Verification *****

Please describe your verification:

The NCR Scrub on 7/1/98 determined that this NCR could be closed due to previous installation problems that have since been overcome.

Sheila Barriere
7/10/98

***** Closure *****

Describe the Reason for closing this NCR?

see verification

***** History *****

xdds 971230 085221 Submitted to RelB0_SysBld by jujhazy
xdds 971230 085512 Enclosure "Problem" added by jujhazy
xdds 980105 141852 enclosure "Problem" edited by michelle
xdds 980105 142003 enclosure "Problem" edited by michelle
xdds 980106 111521 N -> A (Assigned-to rmagill) by michelle
xdds 980113 190907 Fields modified by rmagill
xdds 980114 114611 Enclosure "Analysis" added by michelle
xdds 980114 114611 A -> R (Recommend-change = source code) by michelle
xdds 980114 114749 enclosure "Analysis" edited by danderso
xdds 980114 124006 Fields modified by spetrone
xdds 980116 202706 Enclosure Resolution added by danderso
xdds 980116 202706 R -> T by danderso
xdds 980721 120048 Enclosure "Verification" added by sbarrier
xdds 980721 120049 T -> V by sbarrier
xdds 980721 120100 Enclosure "Closure" added by sbarrier
xdds 980721 120100 V -> C by sbarrier

ECSed13085 Error in EcInDbBuild scrip file 031398 IMPACT....

The Ingest database can not be built/loaded with this error. Since there is a simple workaround the impact is minimal (see below).

WORKAROUND....

Manually edit the EcInDbBuild file.

(See information in the "Problem" enclosure)

ECSed14385 DsStStProcTable.C has hard coded path pointing to clearcase 042998 NCR ID:
ECSed12558 Status: CLOSED Submit Date: 980227

NCR Class: REL_B0_INFORMAL Project: RelB0_STMGT

Enclosures: 7

NCR TITLE....

Unable to write to a 8MM tape drive.

DETECTION INFORMATION....

Build Name[*]: Drop 3
Test Site[*]: VATC
Detection Method[*]: Planned Test
Detected-In-Phase[*]: SV-Dry Runs
Build ID: Build 3.02
Test Case ID: TS0850.1
Platform ID: t1dps01
Severity (1=Showstopper)[*]: 1
Need fix by [*]: Emergency
Mode [*]: TS2
Trouble Ticket:

REVIEW-ASSIGN INFORMATION....

Evaluate Engineer: cduma
Assigned To: mmcelarn
Iteration [*]: Drop 4P

SUBMITTER INFORMATION....

Submitter: mnguyen

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NCR ID: ECSed12558 Status: CLOSED

NCR Class: REL_B0_INFORMAL Project: RelB0_STMGT

TO BE FIXED INFORMATION....

Problem Type[*]: configuration
Recommended Change[*]: configuration
Est. Fix Time (Hrs): 8
Est. Compl. Date (yymmdd): 980313
Related NCR ID: N/A

VERIFICATION INFORMATION....

Test Status (Pass/Fail)?: P
Elapsed Test Time (Hrs): 1
Verification Site[*]: VATC
Verified Build ID: Drop4P1
Verified Platform ID: t1dps01

CLOSING INFORMATION....

RESOLUTION INFORMATION....

Resolution[*]: source code
Resolved by: sandrzej
Indicate_SLOC[*]: Modified
Num_SLOC: 50
Fixing Time (hrs): 30
Documentation affected (Y/N)? N
Affect CSCI: STMGT

Closing Reason[*]: Fixed

CCR#/NCR#: none
Closing accepted by: sbarrier

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***** Problem (Added at 980227 by mnguyen) *****

Unable to write to a 8MM tape drive. Two SV tests cannot be run because of this.

***** Pending Correct Installation (Added 980304 by spalmer) *****

This NCR is pending on the tester performing the baseline setup (system configuration and system privileges) to properly install the 8MM Server. When this is accomplished development will be contacted to support resolving any problems encountered.

***** Analysis *****

Please describe your Analysis:

This is a configuration issue see enclosure (Pending Correct Installation) and a possible database setup issue.

03/19/98:

Stored procedures are using a ClearCase path which is not available at the sites. The workaround is to create the necessary path and populate it with the stored procedures. However, the correction which is being worked on is to read the stored procedures from the database, rather than from a directory.

03/24/98:

The fix to this problem is in process and will be merged to baseline on 3/03/25/98.

***** Resolution *****

Please describe your resolution to this problem:

Modified code which created the stored procedure table to look at the stored procedures in the database rather than get the stored procedures from disk.

***** Verification *****

Please describe your verification:

* Using STMGT GUI to config 8MM devices, staker, and slots.

* Go into Sybase server:

```
1> update DsStStacker set MediumType = "8mm"  
2> go
```

```
1> update DsStSlot set SlotStatus = 2, SlotCurrentDrive = -1
```

2> go

1> update DsStDevice set DriveCurrentSlot = -1

2> go

- * Bring 8MM server up and running under sudo root privileges.
- * Request a 8MM distribution using the DSS Request Driver.
- * The request finished with no error.

***** Clarification (Added 980727 by dbrown) *****

Verification supplies a workaround for a problem which was hidden by this NCR and is being tracked under NCR 16339. The work around for NCR 16339 is presented in the Verification enclosure. It is not an ops procedure, simply a work around until 16339 is merged.

Correction, the NCR that was tracking the problem hidden by 12558 was 16299 not 16339.

***** Closure *****

Describe the Reason for closing this NCR?

The NCR Board approved this NCR to be Closed on 7/30/98

***** History *****

wwwweb 980227 104250 Submitted by mnguyen from
xdds 980302 105131 N -> A (Assigned-to cduma) by cduma
xdds 980302 142947 Fields modified by sbarrier
xdds 980304 154224 Enclosure "Pending Propoer Installation" added by spalmer
xdds 980304 154317 enclosure "Pending Propoer Installation" deleted by spalmer
xdds 980304 154427 Enclosure "Pending Correct Installation" added by spalmer
xdds 980305 133107 Enclosure "Analysis" added by cduma
xdds 980305 133107 A -> R (Recommend-change = configuration) by cduma
xdds 980319 130756 Fields modified by jcrowfor
xdds 980319 130947 enclosure "Analysis" edited by jcrowfor
xdds 980324 153117 enclosure "Analysis" edited by spalmer
xdds 980326 141857 Enclosure Resolution added by sandrzej
xdds 980326 141857 R -> T by sandrzej
xdds 980717 124903 Fields modified by sbarrier
xdds 980721 130858 Enclosure "Verification" added by mnguyen
xdds 980721 131338 T -> V by mnguyen
xdds 980727 121935 Enclosure "Clarification" added by dbrown
xdds 980727 130754 enclosure "Clarification" edited by dbrown

xddts 980730 133610 Enclosure "Closure" added by sbarrier
xddts 980730 133611 V -> C by sbarrier

ECSed16185 JobMgmt Install: Mkcfig sets ACFG filename incorrectly 071398
IMPACT....

JobMgmt will not start without doing the workaround mentioned
in the Problem enclosure.

-- M. Mauthe

ECSed19192 EcPIRpsLayAll Doesn't Work 111898
EcPISlayAll doesn't work. The workaround is to kill the
processes manually.

ECSed18285 PRE: Need wait indicator for opening and deleting a PR 100698 IMPACT....

The user is not sure when the open and delete functions are complete.

Although a workaround is probably not necessary - I'll add one anyway.

Click on another tab after starting the delete or open process. When the
GUI switches to the selected tab, it is done.

ECSed11086 Autosys will not permit a job with a priority > 0 to run in VATC 010298 PROBLEM
DESCRIPTION....

Autosys will not permit a job with a priority > 0 to run in the VATC. The
Execution Job will be put in a waiting state.

IMPACT: No PGEs can be run in the VATC.

WORKAROUND: There are two ways to work around this problem:

1: Manually change the priority of each Execution job for each DPR.

Invoke the Job Definition window for the Execution job.

Select "Advanced Features"

reset the Que Priority to 0

Click "Save and Dismiss"

Kill the Execution Job

Force Start the Execution Job

2: Change the DB Initialization script (EcPIInitializePDPSDatabase) so

the priority of all DPRs will be 0. This is the preferred method as

no manual intervention is necessary and all DPRs will run.

Change

"insert PIProductionStrategy values ("Default", 0.0, 0.0, 50.0, 0, 0, 50.0, 5, 5, 5)

to

"insert PIProductionStrategy values ("Default", 100.0, 0.0, 0.0, 0, 0, 0.0, 0, 5, 5)

If this script has already been run then the database can be manually updated
with the above values.

ECSed11086 Autosys will not permit a job with a priority > 0 to run in VATC 010298 I disagree that we should change the default Production Strategy in the EcPIInitializePDPSDatabase script (See number 2 in problem statement).

The default strategy is only put in the initialization script because the Planning Workbench requires a strategy and will use the default if no other one was entered by the operator.

It should be standard operating procedure (and test procedure) that the strategy should be modified to meet DAAC operations' goals. This should be part of any end to end test of PDPS. Therefore a production strategy can be entered that serves as a workaround to this problem - it will require no extra work on the part of the operators beyond entering the correct values for the workaround.

The correct values for the workaround will be - give 100% of the production strategy to the PGE type - then set the default priority value to 0 for the PGE type. Therefore any DPR will have a priority of 0.

Any plans that are activated should use this new production strategy.

ECSed12686 ExecMgmt: Does not handle multiple granules for Attitude and Ephemeris 030498 IMPACT....

PGEs that require more than one granule of either Attitude or Ephemeris data will not execute successfully.

See workaround for how to fix the problem in the field.

-- M. Mauthe

ECSed12686 ExecMgmt: Does not handle multiple granules for Attitude and Ephemeris 030498

To workaround the problem, remove the entries from the template PCF (installed as part of installation of DPS) for logical IDs 10501 and 10502.

The template PCF is installed into the /usr/ecs/<MODE>/CUSTOM/data/DPS/template_PCF and the file is called PCF.relb0.template. Remove entries for logical IDs 10501 and 10502 from the file and ExecMgmt will correctly insert the Attitude and Ephemeris logical IDs into the PCF for the PGE.

Note that if the PGE does NOT require Attitude or Ephemeris data then (with the workaround) those logical IDs will NOT be present in the PCF for the PGE.

-- M. Mauthe

ECSed13286 Planning Workbench cannot schedule DPR if optional input 031998 Please describe your Analysis:

This is part of the Alternate Inputs code. We need to first reproduce this problem and then attempt to correct it. Basic optional inputs is required for some Level 1 processing. If we fix the Production Request Editor problem, this one *may* go away, but I doubt it. It likely is an issue with the way the PIWb determines predecessor DPRs - in the case of an optional input, the

DPR should NOT be marked as a predecessor.

WORKAROUNDS - No complete workaround; need to make either a required input and make sure it's available, or don't have it as an input at all. The user can make two different profiles for now and manually switch between them depending on whether the input is available or not.

ECSed13386 Failed to Lock Database For Plan Save 032398 Please describe the problem you are experiencing below, including what you did, what you expected to happen, and what actually happened:

Will saving the activities on the timeline for DOY 1998/082 I received an error message stating that the "Database Timeout", "Resource Model: Failed to Lock Database for Plan Save" and "Resource Model: Failed to Save Plan Master Plan :1". There is a workaround in place, Eric Justice deleted the lock in the table pln_lock_pst.

Jeanette Applewhite
EDF
3/23/98

ECSed15086 RDD Clock Error Value in Event Display not matching value in RDD 052698 Please describe the problem you are experiencing below, including what you did, what you expected to happen, and what actually happened:

During most of the test, the RDD Clock Error value in the Event Display did not match the value in the RDD Report (generated by the directive "CLOCK END").

If the RDD Report can be proven to be accurate, a possible workaround may be to generate the RDD Report several times a contact as opposed to once per contact.

Bill Muscovich
5/18/98

ECSed15586 Servers Can't Connect - Need Kick-Start 061598 IMPACT....
It would be very hard to get PGEs to run all the way through with this NCR outstanding. The logs have to be viewed constantly, and when a connection attempt fails, a manual cdsping is then performed. And, there's no telling if another connection will fail before the request is successfully completed.

The workaround is to view the logs and do the cdsping when necessary.

ECSed15586 Servers Can't Connect - Need Kick-Start 061598 Two things can be done to get around this NCR and other DCE problems plaguing 4P/4P1 software.

First, when servers are first brought up, it is good practice to cdsping all its clients, ***from the machine the servers run on***. For example, when bringing up SDSRV, from the t1acs03 machine, you should run the following commands:

```
cdsping ./:/subsys/ecs/<MODE>/EcDsStStagingDiskServerDRP1
```

```
cdsping ./:/subsys/ecs/<MODE>/EcDsStStagingMonitorServerDRP1
cdsping ./:/subsys/ecs/<MODE>/EcDsStArchiveServerDRP1
cdsping ./:/subsys/ecs/<MODE>/EcDsDistributionServer
```

Each of these commands should return some dce information, followed by ... is listening. If the request hangs, or if it says it's not listening, further action should be taken to determine why not.

It is important that the cdsping command is used and not the ping_by_name, or any other dce command. Also, the 'cdsping' button on the ECS_ASSISTANT monitor window does *not* perform the correct commands, and therefore the manual cdsping should be performed.

In addition, the cdsping command does not work when on an SGI, therefore when running on an SGI, the following steps should be performed, such as when bringing up the FtpDis server on the t1drg01 machine:

```
dcecp
rpcg list ./:/subsys/ecs/<MODE>/EcDsStPullMonitorServer
exit
```

the rpcg list command should return the group name for the requested server. If nothing returns, that means the requested server is not listening, and further action should be taken to determine why not.

This problem is being fixed in 4PLandsat.

Second, if a dce connection is made and is lost on subsequent requests, such as is noted in this NCR, the temporary fix is the same as listed above - from the machine that is having trouble connecting to a client, perform a cdsping to the client in order to 'kick start' the request.

This often fixes the problem, and you'll see in the appropriate log, that on the next attempt, the connection is made and the request continues. However, this is not a foolproof workaround, and there have been cases where this hasn't kick started the request, for undetermined reasons.

ECSed16186 Granule Server as Memory Hog 071398 PROBLEM DESCRIPTION....

Despite RAM upgrade on huckfinn last week to 512M, swap space errors occurred again today during ingest checkout in the Mini-DAAC TS1 mode. Ingest was also running in OPS mode at the time. As a result, ingest servers hung, thereby halting all activities on huckfinn. All remaining processes were killed, and huckfinn was rebooted. Work continued in TS1 mode, while no activity was performed on the other modes so as to prevent a reoccurrence of the swap space situation.

After consulting with ingest personnel, it was determined that a CLOSED (4PL) priority 2 Ingest NCR (ECSed15620) contains the potential solution to the memory hogging problem. The NCR states that the Granule Server takes up over 700 MB of memory on an SGI, because when the ingest DB is built, the InGranuleServerInfo.data file loads the TotalGranuleThreshold field of the InGranuleServerInfo table with a value of 500, thereby resulting in PfStart trying to create 1500 ListenThreads. It was determined that the initial

value should be set to 40 for all Granule Servers.

The workaround to this problem is to manually make a change to this table in Sybase. This should be done following installation and whenever the ingest DB is reloaded. Install documentation should be modified accordingly. The Sybase command is:

```
update InGranuleServerInfo set TotalGranuleThreshold = 40
ECSed16186 Granule Server as Memory Hog 071398 Please
describe your verification:
```

The manual workaround was applied to the Mini-DAAC & VATC ingest machines, and the problem has not recurred. 4P1 install notes now include the proper steps to perform this workaround.

ECSed16986 ArchiveServer hangs doing checksum on large files 081398 Stmgt developer Calin Duma suggested I turn off the checksum calculation, by adding the line

```
CHECKSUMSTATUS = OFF
```

to the file

```
raven: /usr/ecs/OPS/CUSTOM/cfg/EcDsStArchiveServer.CFG
```

I did this. cold-started the server, and the Inserts are now proceeding relatively quickly.

Insert of the first 1 GB file took only 12 minutes total.

Impact of this workaround at the DAAC is probably to make recovery of damaged granules difficult, since there will be no checksum.

Tom A. 13-Aug-98

ECSed17486 Failure to allocate disk resources leads to undeletable DPR 082798 IMPACT....

When this error occurs the operator has a job that won't run and can't be deleted.

There are several possible workarounds. These include deleting the entry from the DpPrPge table in the PDPS database. ISQL would be used to do this. Another possibility is to set the number of retries very high, so that the initial failure will not occur. This does not seem to be a good approach since the job will sit there for who knows how long retrying. A final possibility is to delete the job box with Autosys and then reset the PDPS database. This will not complete the job and would have to be done with an eye on whatever other jobs were being done in the mode. None of these workarounds seem to be acceptable in the operational situation.

ECSed17686 Cold Start Ingest Servers after ConfiFile GetValues Failed 090898 This is a Sev 2 NCR. The problem occurs during the following scenario: 1) a D3 tape is being read in via Media Ingest and, while data is being staged, request mgr goes down for whatever reason 2) request mgr is warm restarted and the GUI is restarted 3) the request

mgr cannot process this initial request because staging has not completed but the GUI indicates that the request is still Active 4) a second request is entered but fails because the Volume Threshold for requests has been exceeded.

This scenario is likely to occur rarely.

There are 2 basic interrelated problems that need to be resolved:

1) the inaccurate state of the request presented by the GUI and 2) Getting a successful request through.

The following basic workarounds exist:

- 1) Cold Restart of Request Mgr - this solves both 1 and 2 since the database will be updated properly
- 2) Updating the Volume Threshold - this solves 2 but not 1. This allows a request to go through but the old request will still be displayed as Active on the GUI until a cold restart of the request mgr. Changing the threshold values can be accomplished through isql commands and requires no restart of any servers.

The ultimate fix is to implement the Cancel command from the GUI which would allow the operator to Cancel the failed request and start the new request. This, however, is not currently implemented in Ingest. It is a scheduled a 5b capability.

The question for the NCR Board is what is the direction we should take to deal with this NCR in the 4py/5a time frame??

10/1/98 Further workaround information:

For the workaround #2, the VolumeThreshold can also be changed using the GUI Operator Tools page.

Sheila Barriere

ECSed17686 Cold Start Ingest Servers after ConfiFile GetValues Failed 090898 Author: Joseph A Guzek at 11-ECS-1

Date: 9/23/98 9:42 AM

Priority: Normal

TO: Carolyn V Whitaker

TO: Sheila Barriere at 11-ECS-4

CC: Art Cohen

TO: Alla Lake at 11-ECS-2

TO: Randall J Miller at 11-ecs-0

Subject: Re[2]: NCR 17686 is updated with Art's note

----- Message Contents -----

I concur with Randy's recommendation provided in no way that this workaround prevents a re-ingesting of the tape that was in process at the time of the failure.

Joe

My recommendation would be as follows:

Under 4P (initial operations), document as an operational procedure (609? 611?) that

- immediate recovery from this problem is performed by updating the database with the isql command;
- complete recovery is performed by cycling the Request Manager, but that this is only to be done (as a resolution to this problem) as part of scheduled down time)

With this documentation, I think the NCR should be downgraded to Severity 3.

rjm

Reply Separator

Subject: NCR 17686 is updated with Art's note

Author: Alla Lake at 11-ECS-2

Date: 9/22/98 11:22 AM

Please see Minnie's note below.

As a reminder, the story on NCR17686 is as follows:

This is a Sev 2 NCR. The problem occurs during the following scenario: 1) a D3 tape is being read in via Media Ingest and, while data is being staged, request mgr goes down for whatever reason 2) request mgr is warm restarted and the GUI is restarted 3) the request mgr cannot process this initial request because staging has not completed but the GUI indicates that the request is still Active 4) a second request is entered but fails because the Volume Threshold for requests has been exceeded.

This scenario is likely to occur rarely.

There are 2 basic interrelated problems that need to be resolved:

- 1) the inaccurate state of the request presented by the GUI and
- 2) Getting a successful request through.

The following basic workarounds exist:

- 1) Cold Restart of Request Mgr - this solves both 1 and 2 since the database will be updated properly
- 2) Updating the Volume Threshold - this solves 2 but not 1.

This allows a request to go through but the old request will still be displayed as Active on the GUI until a cold restart of the request mgr. Changing the threshold values can be accomplished through isql commands and requires no restart of any servers.

The ultimate fix is to implement the Cancel command from the GUI which would allow the operator to Cancel the failed request and start the new request. This, however, is not currently implemented in Ingest.

It is a scheduled a 5b capability.

The question for the NCR Board is what is the direction we should take to deal with this NCR in the 4py/5a time frame??

Forward Header

Subject: NCR 17686 is updated with Art's note
Author: Minnie Wong at 11-ECS-1
Date: 9/22/98 11:12 AM

Hi,

I updated this NCR and pasted Art's note in a file called
Status_Report.

Minnie

ECSed17786 Preprocessing error for a good AST_L1B data set 091498 IMPACT....

Cannot ingest AST_L1B or AST_L1A data. This impact may be minimal if a simple workaround exists. Development and test are looking into a simple database update workaround and this NCR will be updated when a workaround has been found and tested. A workaround has been found, implemented and successfully tested.

WORKAROUND....

Dev and Test looking into a simple database update workaround. Use the following isql commands to implement the necessary workaround.

```
isql -S<SYBASE_SERVER> -U<dbo_username> -P<dbo_password>
1> use Ingest_<MODE>    ### for OPS mode leave off the _<MODE>
2> go
1> update InSourceMCF set SourceMCF = "AST_L" where SourceMCF = "AST_L1" and
2> SourceParameter like "ASTERGDSGE%"
3> go
1> quit
```

ECSed18386 Reservation GUI does not allow a GE to move from conflict to approved 100998
PROBLEM DESCRIPTION....

Created a new ground event for a specified day and time period. This ground event was then saved, validated, approved and committed. Created a second ground event that conflicted with the first ground event. The ground event was then saved and validated. The second ground event could not be approved because it had a conflict with the first ground. The first ground event was then deleted using the reservation GUI. I then attempted to approve the second ground event and then committ it. The reservation GUI would not allow me to approve the ground event, event though, the conflicting ground event had been deleted. The workaround is to either delete the ground event and recreate it, save, validate, approve and committ it; or modify the ground event in some manner (i.e. change the name) and re-save, validate

approve and committ it.

ECSed18386 Reservation GUI does not allow a GE to move from conflict to approved 100998
IMPACT....

It does not have a large impact, other than an inconvenience to the user.
They can simply perform the workaround stated in the problem statement, to
avoid the problem.

ECSed18586 Database Queries from Web Page 010898 Please describe the problem you
are experiencing below, including
what you did, what you expected to happen, and what actually happened:

Using Web Page PID form, html a Database Query yields a empty result
with a valid mnemonic input.

This needs to be corrected so that this functionality may be used as
a workaround for INFOWINDOW

Hardy Foster 1/8/97 2.1.0

ECSed09787 JBMGMT: Failing to instantiate job in autosys - JIL Failure 110797 Please describe your
resolution to this problem:

The env variable AUTOSERV need not be set for Job Mgmt server. This problem
of JILFAILURE occurs only when the procedures are not followed correctly. For
instance, if the DPRs have to be rerun (ad hoc reprocessing workaround) they
have to be deleted from the Production Request Editor GUI, which will inturn
delete the jobs from Autosys. However, if the PDPS database is reset to a previously
saved database and the jobs are activated, they will get a jilfailure because
the previously run jobs are still present in autosys.

There is no code problem that I see that causes a JILFAILURE. I suggest that
this NCR be closed

ECSed12687 Cannot write to SSIT Manager LogStatus file 030498 Please describe your Analysis:

This problem is because during checkout the SSIT manager (or any SSIT tool
that writes to the toolkit logs) was executed under the login
specified in the problem enclosure and that login had default
setting for new files of 644. Thus only that user ID can write
to the files.

The fix is to the .install files for SSIT. If the Toolkit
status files are created before any SSIT tools are invoked, they
can be given mode 666 (and can be written to by anyone).

See Workaround for an easy workaround to the problem. Because
the ease of the workaround, I suggest that this NCR be downgraded
to a severity 2.

-- M. Mauthe

ECSed12687 Cannot write to SSIT Manager LogStatus file 030498

To workaround the problem, login as the user specified in the
problem enclosure and do a "chmod 666" on the files. This
will allow everyone to write to them.

-- M. Mauthe

ECSed15187 Incorrect entries in .sitemap for ECS Assist 052998 PROBLEM DESCRIPTION....
The subsystem identifies for the B0SOT should be VOC.

The sitemap in the VATC was changed to allow installation of the SDSRV GUI on t1acs03. This is a workaround to enable test of the GUI, until mount point baseline is updated to enable testing on its baseline host.

Need to add:

VATC:t1dms02:CSS:EcCs
.EcCsSubServerGUI.pkg

ECSed11688 SSIT: Prohib. Func. Checker doesn't check for F77 'PRINT *' 012898 To workaround the problem add the following to the

/usr/ecs/<MODE>/CUSTOM/data/DPS/prohibitedFunctions77.txt file:

```
PRINT(\*[^\]*)  
print(\*[^\]*)
```

after the line:

```
read(5[^\0-9][^\]*)
```

This will then be checked for by the Prohibited Function Checker.

-- M. Mauthe (02/20/98)

ECSed13988 Error in ODL for ESDT_MOD021KM. 041398 IMPACT....

MODIS PGE02 (Level 1B) processing cannot be run. This means PGE02 cannot be used in either performance or stability testing. It would also cause failure of level 1B MODIS processing if the system was released with this error.

The workaround is to go in with an editor and put the missing "*" on the offending line.

ECSed14488 DPREP: Ignores entry 999 - Can't run on first dataset 050198 IMPACT....

Can't run DPREP in the VATC or at the sites. Since the first one can't be run, the preceding can not be run as the output from the first run is not available.

A workaround would be to provide "dummy" datasets to insert for the timeframe that the first run of DPREP would expect. Then it would have data to start the first run and the subsequent PGE's would have their input data.

Sample datasets are available, but I was not successful in creating .met files for this data so I could not insert them to SDSRV.

ECSed14488 DPREP: Ignores entry 999 - Can't run on first dataset 050198
The workaround for this problem is to make sure the .pcf file has an entry for logical id's 1500 and 1502. The files named don't need to actually exist but the code needs to the filenames.

ECSed15088 FDS/FOS Incompatibility in Range Predict File Contents 052698 Please describe the problem you are experiencing below, including

what you did, what you expected to happen, and what actually happened:

FDS/FOS Incompatibility in Range Predict File Contents exists. This prevents Clock Correlation from being performed. The first line of the contents did not match what the FOS s/w is designed to expect.

The workaround is to manually edit the Range Predict file prior to performing clock correlation.

Bill Muscovich
5/18/98

ECSed16488 GI parameter list points to LOCALDISK for meta file for GDAS_OZF data 072998 IMPACT....

With the SAVEONEXIT environment variable set to "false" some data types will fail to be archived since the GI Parameter list points to the meta files in the Preprocessing LOCALDISK directory which is cleaned up prior to the insert request being sent to SDSRV. The impact is minimal since there is a simple workaround for this problem.

WORKAROUND....

The workaround for this problem is to set the SAVEONEXIT environment variable to "true" so that the Preprocessing LOCALDISK directory is not cleaned up at all.

(Note: when using this workaround, neither the Staging area or the Preprocessing LOCALDISK directory get cleaned up. This will cause the disk space on the Ingest host and on the ICL and DRP RAIDs to eventually fill up. The Staging area can be cleaned up every couple of days by cold starting the EcDsStStagingDiskServer process. The Preprocessing LOCALDISK directory can be cleaned up manually at any time as long there are no active Ingest Requests.)

ECSed17588 Reservation GUI hangs 090198 IMPACT....

The user can lose control of the xterm session and will have to log on to another workstation to kill the Reservation GUI, if they click the Report button, followed by another button.

The workaround is not to click the Report button (this functionality is not available yet, anyway).

ECSed18388 Can not re-use the name of a deleted ground event 100998 PROBLEM DESCRIPTION....

Created a Ground Event with the name "Ground Event 1". Ground Event 1 was saved, validated, approved and committed. Ground Event 1 was then deleted. Attempted to create another Ground Event with the name "Ground Event 1". A pop-up error message box appeared notifying the user that a reservation can not be saved with the name "Ground Event 1", even though that ground event had been deleted.

The workaround is to always give the ground events a unique name.

ECSed10089
N.Herndon

Tlm_cata file not updateing 112297 Failed Verification 12/12/97 EOC

There are still no files going into the tlm_cata table. There are files in tlmarchive but not in tlm_cata.

No Analysis Requests can be done until files get into tlm_cata. I can put them into the tlm_cata file by hand as a workaround, but they should go into that table automatically.

ECSed10089 Tlm_cata file not updateing 112297
Severity was changed to 2 as a workaround exists but the process still should be automatic.

nherndon 12/15

ECSed12689 ECS ASSIST: mkcfg does not create the Preprocessing LocalDisk directory 030498
IMPACT....

If this directory does not exist than no data can be ingested and archived. The impact is minimal since a simple workaround exists (see below).

WORKAROUND....

I manually created this directory.

ECSed13989 PCF template defaults to too much trace information. 041398 IMPACT....

First, the run-time directory fills too quickly. Second, extra D3 tape is used in the archive since the toolkit log file is saved as part of the production history.

The workaround is to edit the file "PCF.relB0.template" in directory "t1spg01:/data2/TS1/pdps/template_PCF". The trace control parameter can be located and changed to a "1" (error trace).

ECSed14689 Missing "class" attribute on met file when aquire data from sdsrv 050898 SDE Analysis:

The "Class =" structure in the populated *.met returned by SDSRV is technically correct. The *.met that resulted from the acquire does match that the CCB'd ESDT descriptor file template, which was agreed upon by SDSRV, SDP TK and Science Office. The SDP TK PGS_MET_* routines are expecting a "Class =" structure which is not in sync with SDSRV and the Release B.0 ESDT descriptor file template. However, it will need to be decided whether the fix or workaround is to be performed in SDSRV code or in SDP TK code.

NCR ECSed05929 (Project=RelB0_Toolkit; verified and closed 4/27/97) states that

The toolkit must be modified to handle the descriptor template syntax for declaring CLASS=M for groups within container objects.

While the fix for ECSed05929 may have allowed populated *.met files to be written out by a PGE using the SDP TK, it appears that this

"Class =" format as assumed by and written by the SDP TK does not match that of SDSRV which builds the acquire *.met files.

The Release B.0 ESDT descriptor file template did contain the present "Class =" structure long before NCR ECSed05929 was fixed. SDSRV built the acquire code based on this agreed-upon template. Here is the corresponding AdditionalAttributesContainer section of the Release B.0 ESDT descriptor file template

```
/* NOTE: The following block of ODL for AdditionalAttributes is */
/* commented out in this ESDT descriptor file template. This */
/* indicates that, while this information should not appear in an */
/* actual ESDT descriptor file, this block ODL must appear in any */
/* MCF that is generated from an ESDT's INVENTORYMETADATA */
/* section in place of the GROUP = ProductSpecificMetadata in the */
/* ESDT descriptor file, if any product-specific will be set for */
/* the given ESDT. The GROUP = ProductSpecificMetadata ODL appears */
/* in ESDT descriptor files, but not in MCFs. The text between the */
/* 'Begin MCF ODL block' and 'End MCF ODL block' comment lines must */
/* be used by either Data Server or the MetaDataWorks tool when a */
/* MCF is generated from an ESDT's INVENTORYMETADATA section, if */
/* product-specific attributes will be set by science software for */
/* granules corresponding to that ESDT. This AdditionalAttributes */
/* ODL must exist within MCFs if the SDP Toolkit APIs are to be */
/* used to successfully set product-specific attributes. */
/* */
/* At the Granule-level AdditionalAttributes consists only of the */
/* AdditionalAttributeName attribute; this means that the */
/* COLLECTIONMETADATA section must contain corresponding definitions */
/* of AdditionalAttributeDescription & AdditionalAttributeDatatype */
/* for this specific AdditionalAttributeName. */
/* It is necessary to include NUM_VAL information for the component */
/* attribute ParameterValue in order to supply the information */
/* needed by SDP Toolkit routines. */
/* The NUM_VAL = MAX_NUM_PARAMETERVALUE must be replaced with the */
/* ESDT-specific value of the maximum possible number of Granule- */
/* level ParameterValue instances for this ESDT. */

/***** Begin MCF ODL block *****/
/* GROUP = AdditionalAttributes */
/* OBJECT = AdditionalAttributesContainer */
/* Data_Location = "NONE" */
/* Class = "M" */
/* Mandatory = "TRUE" */
/* */
/* /* AdditionalAttributes */
/* OBJECT = AdditionalAttributeName */
/* Data_Location = "PGE" */
/* Mandatory = "TRUE" */
/* Class = "M" */
/* TYPE = "STRING" */
/* NUM_VAL = 1 */
```

```

/*      END_OBJECT = AdditionalAttributeName      */
/*
/*      */
/*      /* InformationContent */      */
/*      GROUP = InformationContent      */
/*      */
/*      Class = "M"      */
/*      */
/*      OBJECT = ParameterValue      */
/*      Data_Location = "PGE"      */
/*      Mandatory = "TRUE"      */
/*      TYPE = "STRING"      */
/*      NUM_VAL = MAX_NUM_PARAMETERVALUE      */
/*      END_OBJECT = ParameterValue      */
/*      */
/*      END_GROUP = InformationContent      */
/*      */
/*      END_OBJECT = AdditionalAttributesContainer      */
/*      END_GROUP = AdditionalAttributes      */
/***** End MCF ODL block *****/

```

ECSed14889 CLCW Mnemonics need to be defined as DS 051598 Please describe the problem you are experiencing below, including what you did, what you expected to happen, and what actually happened:

When FOS DR1850 (CLCW Parameters should display as Analog Strings) was fixed the mnemonics were defined in the fos_pids_table as "AS". This was per the DR, however, upon clarification the mnemonics should have been defined as "DS" in the fos_pid_table. Also, when they are defined as DS they need to be added the ground_discretes table.

The workaround is to run a CLCW script written by Al Hunter after Gen OPS and before ODF generation (as was done to fix the problem on SUPPORT_OPS).

A related problem is that FOP is not setting these mnemonics correctly. See FOS DR1958.

Rob Messerly
5/7/98

ECSed16589 EcDsDistributionServer.CFG has wrong MssConfigFile parameter 073198 NCR ID:
ECSed15497 Status: CLOSED Submit Date: 980611
NCR Class: REL_B0_INFORMAL Project: RelB0_DDIST Enclosures: 6

NCR TITLE....

DDist can't read/write EcDsDistributionServer.ACFG File

DETECTION INFORMATION....

REVIEW-ASSIGN INFORMATION....

Build Name[*]: Drop 4P	Evaluate Engineer: mzuniga
Test Site[*]: VATC	Assigned To: mzuniga
Detection Method[*]: Engineering Test	Iteration [*]: Drop 4P Landsat
Detected-In-Phase[*]: Installation	
Build ID: N/A	
Test Case ID: N/A	
Platform ID: t1dps01	
Severity (1=Showstopper)[*]: 2	

Need fix by [*]: Routine
Mode [*]: TS2
Trouble Ticket:

SUBMITTER INFORMATION....

Submitter: kcockeri

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NCR ID: ECSed15497 Status: CLOSED
NCR Class: REL_B0_INFORMAL Project: RelB0_DDIST

TO BE FIXED INFORMATION....

VERIFICATION INFORMATION....

Problem Type[*]: source code Test Status (Pass/Fail)? : P
Recommended Change[*]: source code Elapsed Test Time (Hrs): 1
Est. Fix Time (Hrs): 4 Verification Site[*]: VATC
Est. Compl. Date (yymmdd): 980706 Verified Build ID: Drop4PL
Related NCR ID: N/A Verified Platform ID: t1dps01

CLOSING INFORMATION....

RESOLUTION INFORMATION....

Closing Reason[*]: Fixed

Resolution[*]: configuration CCR#/NCR#: none
Resolved by: mzuniga Closing accepted by: sbarrier
Indicate_SLOC[*]: Not Applicable
Num_SLOC: 0
Fixing Time (hrs): 4
Documentation affected (Y/N)? N
Affect CSCI: ddist
Merge Build Id:

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***** Problem *****

PROBLEM DESCRIPTION....

K. Cockerill, 06/11/98: Noticed distribution server had a problem with reading the ACFG file in TS2 mode in the VATC. The ALOG file had the following output at the beginning of the file:

DSS EcDsDistributionServer Server Output log on t1dps01 starting at Thu Jun 11 14:34:11 EDT 1998

PID : 28634:MsgLink :0 meaningfulname :DsDdRequestMgrServerDsDdRequestMgrServerP
rocStart

Msg: EcDsDistributionServer Priority: 0 Time : 06/11/98 14:34:16

PID : 28634:MsgLink :0 meaningfulname :ConfigVarMissing

Msg: DsCDdLimitMediaGrans var not set in Config File. Useful for debugging? Priority: 0 Time : 06/11/98 14:34:18

PID : 28634:MsgLink :0 meaningfulname :ConfigVarMissing

Msg: DsCDdIgnoreMSS var not set in Config File. May TRY to use MSS Priority: 0 Time : 06/11/98 14:34:18

PID : 28634:MsgLink :0 meaningfulname :EcAgConfigFile::Lock

Msg: EcAgConfigFile :: unable to lock config file: /usr/ecs/TS2/CUSTOM/cfg/EcDs
DistributionServer.ACFG Priority: 2 Time : 06/11/98 14:34:18

PID : 28634:MsgLink :0 meaningfulname :EcAgConfigFile::Read: /usr/ecs/TS2/CUSTOM
/cfg/EcDsDistributionServer.ACFG
Msg: Could not Read/Write/Find configuration file
Priority: 0 Time : 06/11/98 14:34:18
PID : 28634:MsgLink :4 meaningfulname :DsDdRequestMgrServerPerfMetricsInitReadCo
nfigErr
Msg: Failed to read config file. Priority: 2 Time : 06/11/98 14:34:18
PID : 28634:MsgLink :0 meaningfulname :msg1

Observing the /usr/ecs/TS2/CUSTOM/cfg directory, I noticed there was no
EcDsDistributionServer.ACFG file. However there was an
EcDsDataDistributionApp.ACFG file. Also, I noticed that the CFG file had
an entry for MssConfigFile that was set to EcDsDistributionServer.
The Mkcfcg file has this value coded this way. Perhaps this value should
be coded EcDsDataDistributionApp.

***** Impact *****
IMPACT....

Data Distribution Server will still run however it won't be able to
brought up by HPOV (I think this is the case.)

***** Analysis *****
Please describe your Analysis:

***** Resolution *****
Please describe your resolution to this problem:
ddist mkcfcg file is changed so that ddist .cfg file contains a
different ACFG file.

***** Verification *****
Please describe your verification: Iota patch/TS2 mode. File permissions were change and
EcDsDistributionServer was started
up after workaround was implemented.
Copied EcDsDistributionServerStart to EcDsDataDistribution AppStart.
Install procedures will be modified to reflect workarounds and patch will be redelivered in 4pL.
This NCR will verified again in 4pL.

VERIFICATION in DROP4PL

- * Took DDist server down.
- * Using HPOV to bring DDist server back up, and looked at the EcDsDistributionDebug.log, There was no error related to EcDsDistributionServer.ACFG file.

***** Closure *****

Describe the Reason for closing this NCR?

The NCR Board approved this NCR to be Closed on 9/3/98

***** History *****

xddts 980611 144020 Submitted to RelB0_DDIST by kcockeri
xddts 980611 144510 Enclosure "Problem" added by kcockeri
xddts 980611 144538 Enclosure "Impact" added by kcockeri
xddts 980618 152555 N -> A (Assigned-to mzuniga) by mzuniga
xddts 980706 154619 Enclosure "Analysis" added by mzuniga
xddts 980706 154619 A -> R (Recommend-change = source code) by mzuniga
xddts 980706 154721 Enclosure Resolution added by mzuniga
xddts 980706 154721 R -> T by mzuniga
xddts 980724 095338 Enclosure "Verification" added by jsydney
xddts 980724 095339 T -> V by jsydney
xddts 980724 110251 enclosure "Verification" edited by jsydney
xddts 980724 112642 enclosure "Verification" edited by jsydney
xddts 980724 135103 enclosure "Verification" edited by jsydney
xddts 980724 141606 enclosure "Verification" edited by jsydney
xddts 980724 141640 enclosure "Verification" edited by jsydney
xddts 980728 135443 V -> T by sbarrier
xddts 980901 134507 T -> V by mnguyen
xddts 980901 134526 V -> V by mnguyen
xddts 980901 135330 enclosure "Verification" edited by mnguyen
xddts 980903 120855 Enclosure "Closure" added by sbarrier
xddts 980903 120856 V -> C by sbarrier

ECSed16689 Metadata query fails when advanced temporal production rule is used 080398 IMPACT....

Will cause Production Request Editor to fail (or create incorrect inputs)
for PGEs which use Advanced Temporal and Metadata query.

Depending on the use case of this, the severity on this NCR can be updated.

Workaround: There is some minimal work around possible to use "timeDelta"
to specify the time offset in the ODL. Advanced Temporal Production rule
lets the begin and end period offset be specified independently, whereas

the timeDelta parameter specifies the same offset to be applied to either ends. The workaround needs to be investigated more

ECSed17389 Cannot start servers at component level 082598 When we tried to start servers at component level, got an error message in a pop up box, that the startup script does not exist. But, as a workaround, we were able to bring up the servers at application level.

The affected server is g0ins01.

ECSed17389 Cannot start servers at component level 082598
There is no impact statement and a simple workaround exists. Therefore, this should be downgraded to a SEV 3.

ECSed18189 ESDTs: Wrong MISR descriptors installed in 4PX/Minidaac 093098 At Landover, ftp the files from the EDF to the mini-DAAC.

No workaround for LARC.

Tom A. 29-Sep-98

NOTE: When these descriptors are Installed with the EcDsSrAdesdt script, the following warning appears on the screen:

-UnnamedPL[WARNING(DLL file name libDsESDTSyLgPoly.001Sh.so does not match to the ShortName MIANCAGP and Version ID 1 contained in the descriptor file)]

Accprding to Dana D'aria, one can safely ignore this.

I was able to successfully Insert a MIANCAGP granule, so the ESDT installation must have been successful.

Tom A. 2-Oct-98

ECSed10490 View Into Trouble Tickets 121097 Please describe your resolution to this problem:

This is not a bug (see the Analysis enclosure for further details).

Current workaround(s):

All users (whether a science user or a DAAC operator) can see the status of trouble tickets which they have submitted by using the Custom Web Interface that MSS has designed, as long as they have an entry in a site's user profile database. Note that very few (if any) science users and only a limited number of DAAC operators will have an entry in the SMC user profile database.

The SMC version of Remedy can be configured such that any updates in the status of system-level trouble tickets would trigger an email notification to a specified mail account at each DAAC.

Possible future solutions:

1. Use the Remedy distributed server option. This would require the purchase

of additional software from Remedy for each site. The software would essentially perform database replication functions that would allow sites views and/or update privileges at other sites (the product appears to be highly configurable in terms of what privileges can be granted). This would have minimal impact on current development activities.

2. Use the Remedy ARWeb product. This would require the purchase of additional software from Remedy for each site at which an outside view is required into that site's trouble tickets. Again, this product appears to be highly configurable in terms of permissions that could be granted to science users and DAAC operators. Science users and DAAC operators would access ARWeb via the Web. This would also have a minimal impact on development activities. FOS is procuring a copy of ARWeb for use in the EOC.

3. Modify the ECS Custom Web Interface for trouble tickets. A significant amount of work would be required to redesign this interface and make it configurable (in terms of privileges).

ECSed10490 View Into Trouble Tickets 121097

Status as of 12/31/97:

On 12/29/97, the workaround resolution and alternatives stated in this NCR were sent via email to ESDIS M & O for their consideration.

ECSed09390 Pair Time Selector does not work properly 101497 Please describe the problem you are experiencing below, including what you did, what you expected to happen, and what actually happened:

a) The pair time selector does not allow user to enter different times within the same day. An error dialog pops up saying that the start date must be less than the stop date.

b) when the pair time selector pops up, there are default values for the start date and stop date, when user tried to enter a starting date larger than the default stop date and hit return which is required, an error dialog window popped up saying "start date must be greater than stop date", A workaround for this problem is to change the stop date first then change the start date.

ECSed11990 Copy of files to Stmgt fails on Insert 020598 Once the copy of the executable is accomplished, viz>

```
cp -p /usr/ecs/OPS/CUSTOM/utilities/EcUtCopyExec /usr/ecs/OPS/CUSTOM/logs
```

the multi-file granule Inserted successfully, and appeared in the RAID directories on raven.

Tom A. 5-Feb-98

ECSed13990 DDIST core dumping (MSS Library Problem) 041398 While finishing the FtpPull procedure the DistributionServer is core dumping while establishing communication with EcAcOrderManager.

A workaround to solve the core dumping is to enable a flag to DISABLE handshaking with OrderManager via DDIST development Miguel suggested the following

----- IGNORE_MSS = DO_IGNORE_MSS

This also DISABLES the full functionality of the SYSTEM.

Corrective action should be taken to resolve this issue.

ECSed13990 DDIST core dumping (MSS Library Problem) 041398 The DDIST core dump is caused by a MSS library call. The flag was specifically implemented to identify if DDIST core dumps were being caused by the MSS library. The workaround (disabling MSS) proves this to be a MSS problem and will be forwarded to MSS.

ECSed14390 PRE: Multigranule ESDT will fail when getting inputs 042998 IMPACT....

Any PGE that uses a multi-granule ESDT as input will simply not work. This problem does not affect PGEs that produce multi-granule ESDTs as outputs.

WORKAROUND - The only workaround would be to force the PGE to use a Dynamic Metadata Query for each of these inputs. This should work, but it would be much less efficient.

ECSed14890 FOP Not setting CLCW Mnemoincs Correctly 051598 Please describe the problem you are experiencing below, including what you did, what you expected to happen, and what actually happened:

FOP is not setting the following 3 mnemonics correctly: SYS_CLCW_REF, SYS_CLCW_LOF, SYS_CLCW_WTF. Instead of setting them to 0 or 1, FOP is setting them to 0 or the value of a 16 bit word based on the bit position.

The workaround is to change the values for each of the 3 mnemonics in the ground_discrete table that were min=1 max=1, to min=1 max=8192 (as was done on SUP_OPS)

This is related to FOS DR1850 which has been closed and FOS DR1957.

Rob Messerly
5/7/98

ECSed17990 STMGT Gui can't edit ServerId 092198 Bug ID: ECSed18004
EDAAC_TT Submitted: 980918
ASSIGNED-TEST defect report Review-Assigned: 980922
Being-Fixed: 981027

Software: STMGT GUI

4 enclosures

"STMGT GUI ServerId can't modify"

ANALYSIS INFORMATION...

PROBLEM INFORMATION... Evaluate Engineer: trockvam
Problem Type[*]: source code Assigned To: lreeves
Build ID: 4PL+Aqua Affect Subsystem[*]: STMGT
Server ID: e0dis02 Related NCR#: ECSed17948
Test Site[*]: EDC
Severity (1=Showstopper)[*]: 2
Need fix by (yymmdd):

SUBMITTER INFORMATION... TO BE FIXED INFORMATION...
Submitter: Susan Wenzel [Hughes S Problem type[*]: source code
Address: swenzel@puff Recommended change[*]: source code
Est. fix time (hrs): 24

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Bug ID: ECSed18004 EDAAC_TT Assigned-Test: 981112
ASSIGNED-TEST defect report

TESTING INFORMATION..

Resolution[*]: source code
Resolved by: lreeves
Address: trockvam@puff
Indicate_SLOC[*]: Added
Num_SLOC: 200
Fixing time (hrs): 5
Documentation affected (Y/N)? N
Assigned test engineer: lreeves
Verification Due:

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***** Problem *****

Please describe the problem you are experiencing below, including what you did, what you expected to happen, and what actually happened: In the Storage Management Gui, when you choose Pull Monitor, you need to update the ServerId field to append the mode suffix. The field cannot be edited. So in STMGT table DsStConfigParameter, ServerId says EcDsStPullMonitorServer instead of EcDsStPullMonitorServer_TS1. Please make the field editable.

***** Workaround (Added 981015 by trockvam) *****

The server ID is the primary key by which servers are identified and stored in the database. The effort to change a primary key is non-trivial, but will be investigated. The interim workaround is to delete the incorrectly named entry and insert a new entry with the correct server ID.

J.Crawford 10/14/98

***** Analysis *****

Please describe your Analysis:

The appropriate DsStCPUdate* stored procedures will be modified to handle the database logic and allow unique key ServerId to be modified.

***** Resolution *****

Please describe your resolution to this problem:

The DsStCPUdate*.sp files used by the stmgmt GUI to modify Servers were modified themselves to include an IF statement varifying what commands to perform on the database if ServerId is being modified or not.

***** History *****

xddts 980918 092657 Submitted to EDAAC_TT by swenzel@puff
xddts 980918 092906 Enclosure "Problem" added by swenzel
xddts 980921 153204 Cloned from ECSed17948 (EDAAC_TT) by trockvam
xddts 980921 153204 Parent & Children Links Removed.
xddts 980922 084946 N -> A (Review-Assign to trockvam) by trockvam
xddts 981015 114042 Enclosure "Workaround" added by trockvam
xddts 981027 090745 Enclosure "Analysis" added by trockvam
xddts 981027 090745 A -> R (Recommend-change = source code) by trockvam
xddts 981106 095336 Fields modified by trockvam
xddts 981112 113748 Enclosure Resolution added by trockvam
xddts 981112 113748 R -> T by trockvam

ECSed18890 PRE: Data Granule discrepancy with Jade patch and 4PX Gamma 102998 PROBLEM DESCRIPTION....

After installing Jade (4PX.10), a discrepancy with data granule naming causes DPRs to use the wrong input granules.

We installed the 4PX.10 patch in TS2 mode in the VATC. For checkout, we planned to run ACT chained to ETS. Since we had run these DPRs before, we created Ad Hoc production requests for these two PGEs. When we activated the plan, ETS began to run immediately. It should have waited until ACT ran and used the output from ACT as input.

The data granule that was allocated to ETS as its input granule was a granule from a previous run of ACT. It turns out that the granule naming

***** Problem *****

Currently you can only run a specific PR once, using one PGE, one set of input granules, generating DPR(s) and output granule(s). In the SSI&T environment, regression testing is required to run the same PR over with the same input data creating the same results. A new version of the PGE must be created to re-run the PR. In this workaround, the database will be "littered" with versions of PGEs with no changes except for a new version number. The workaround in IT was to reset the Database. This is a drastic solution when MODIS is expecting 25 PGEs. In the Production Environment with Reprocessing this would again be a problem.

The impact of not implementing a change would cause approximately 1250 hours. 25 PGEs x 50 runs/PGE x 1 hour to reregister a PGE = 1250 hours. Given the schedule constraints and need for feedback to ITs, the system will not support SSIT needs.

The capability to selectively purge the PDPS database of a PR and output granules is needed to rerun a specific PR.

***** Status (Added 970505 by khoffman) *****

5/05/97 Status: This NCR was reviewed by the Testbed ECS DAAC Liaisons at the Testbed DAAC Telecon on 5/01/97.

The GDAAC initially assigned the emergency priority and the other DAACs concurred with the priority of 1.

The M & O SEO Science Coordinator (Debbie Foch) was assigned to work with the SDE personnel (Karin Loya) to make them aware of the priority and to obtain a schedule and staffing estimate in preparation for the 5/06/97 M & O CCB.

***** Analysis (Added 970505 by kloya) *****

Analysis:

The analysis, implementation and developer testing is estimated to take 1 week. Request also 4 hours time on an operational configuration to test the script, once ready for installation into the baseline.

A script can be written to "back-out" a PGE from the database in order to repeat a run of the PGE within PDPS. Because PDPS was designed as a production system, and this scenario would be considered to be "re-processing" which is a Release B capability, the Testbed requires a work-around, or as the NCR suggests, a script to be developed.

The problem description is not correct in its understanding of the current work-around. Currently a PGE may be re-run by entering a new PR for it. It would be advisable to delete the original PR so as to avoid build-up of PRs for the same PGE in the DB.

05/06/97 Randy Bollinger, SEO Systems Engineering

At today's M&O CCB, agreement was reached that Karin Loya and her personnel should proceed with the script generation, and that following completion of this update and testing at GSFC, a schedule for updating all of the DAAC's with this fix should be provided by her.

05/08/97 Randy Bollinger, SEO Systems Engineering

Bob Zurn of GDAAC brought to our attention some errors in the analysis of the TT.

Bob states (with regard to the above stated analysis):

" It's not the PGE that needs "backed-out" of the system but the PR and it's DPR's that need to be removed. What we call "Post SSI&T".

"Also, a PGE can only be re-run by entering a new PR for it with a different date/time stamp. Otherwise, you can not run the PR even if you delete the PR. This assumes that the original PR has been submitted to AUTOSYS. In SSI&T, you rerun the PR with its specific PGE, for a specific date/time stamp."

"FYI...So far the only workaround is to run the Reset_to_Post_SSIT script (which is only available at GSFC) which removes all PR's, but for now, it only takes a few minutes to re-enter the PR's. I'm still testing to see if this script causes any other problems. We've run it once. I spoke to Rick Hatfield and he was in agreement that the wording of the analysis needs to be fixed."

***** 5/08/97 Status (Added 970508 by khoffman) *****

At the 5/08/97 TT/CCR DAAC Telecon, the ECS DAAC Liaisons felt the same date

/time stamp had to be retained (contrary to the 5/08/97 Analysis) and that the PRs need to be backed out on a PR by PR basis, (contrary to the 5/08/97 Analysis of removing all PRs), which was the intent of the original problem.

***** 5/20/97 Status (Added 970521 by dfoch) *****

Spoke to Rick Hartfield. The script is still being worked on, and debugged. One of the options they are working on is for backing out individual PRs. The people working on it are at NSIDC, but should be back on Friday 5/23. Testbed 5 will be installed at Goddard starting Friday, and the script will be tested there. Significant progress is expected to be made on the script next week. Karin Loya will provide an expected completion date and the staff level working it by the 5/27 CCB telecon if possible.

***** Resolution (Added 970603 by kloya) *****

This NCR has been superceded by a number of related NCRs for scripts to be provided to reset the PDPS DB, clear out related data in the AutoSys DB, and clean out related residual information from the IMF archive. The NCRs which replace this NCR detail each of the specific scripts to aid the DBA in supporting the SSI&T process. Please see the following NCRs for each specific "reset" aspect: ECSed 06922 Post-SSIT Reset

ECSed 06976 Single PR Reset
ECSed 06977 Single DPR Reset
ECSed 06978 Single PGE Reset

***** History *****

xdds 970430 174213 Submitted to Missions_Operations by khoffman@puff
xdds 970430 175110 Enclosure "Problem" added by khoffman
xdds 970430 175132 Cloned from ECSed06391 (Missions_Operations) by khoffman
xdds 970430 175132 Parent & Children Links Removed.
xdds 970430 175156 Fields modified by khoffman
xdds 970430 175259 Fields modified by khoffman
xdds 970505 112957 Enclosure "Status" added by khoffman
xdds 970505 132013 Fields modified by khoffman
xdds 970505 133033 N -> A (Review-Assign to kloya) by khoffman
xdds 970505 133225 A -> A (Review-Assign to fhuang) by kloya
xdds 970505 134428 Enclosure "Analysis" added by kloya
xdds 970508 121730 enclosure "Analysis" edited by rbolling
xdds 970508 122206 enclosure "Analysis" edited by rbolling
xdds 970508 181857 Fields modified by khoffman
xdds 970508 192749 Enclosure "5/08/97 Status" added by khoffman
xdds 970521 164647 Enclosure "5/20/97 Status" added by dfoch
xdds 970521 164739 enclosure "5/20/97 Status" edited by dfoch
xdds 970527 155141 Fields modified by jhunt
xdds 970603 212004 A -> R (Recommend-change = not a bug) by fhuang

xddts 970603 212631 Enclosure "Resolution" added by kloya
xddts 970611 192337 Fields modified by khoffman

ECSed12791 ECSAssist: CGI binaries are not symbolically linked to STAGE for IOS 030598
IMPACT....

There is a space impact since the binaries are copied and not linked.

The workaround is to remove the binaries, and then link each one individually.

ECSed15891 Intermittent staging disk creation failure when ingesting from D3 Tape 062998
IMPACT....

Data from D3 tape will intermittently not be ingested.

WORKAROUND....

There is no workaround for this problem.

ECSed17391 Cannot start servers at component level 082598 When we tried to start servers at component level, got an error message in a pop up box, that the startup script does not exist. But, as a workaround, we were able to bring up the servers at application level.

The sever affected is g0ins02.

ECSed17491 VoGateway cannot read parenthesis in the ODL dataset field 082798
IMPACT....

L7 Billing and Accounting test

No workaround

ECSed18991 4PX.10 SDP Toolkit Install- Too Many Files To Hand-Edit 110498 This TT is being written for promotion to an ECS NCR "1-emergency, drop 4PX.10, PDPS, RelB0_Toolkit, mode TS1".

The SDP Toolkit installation for drop 4PX.10 contains Workaround instructions which require the hand-modification of at least 160 Toolkit and HDFEOS environment setup files. This workaround is unacceptable to the Langley DAAC.

"LaRC TT #1011"

ECSed18991 4PX.10 SDP Toolkit Install- Too Many Files To Hand-Edit 110498 Please describe your Analysis:

We are currently in the process of preparing a fix to 17209, which will fix this problem.

Currently, there is a workaround; officially given in the 4PX.10 Installation Instructions. The DAACs are aware of this; but find the workaround to time-consuming and error-prone.

We are working on completing 17209 to remedy the situation.

ECSed06392 Cannot have multiple runs of same PGE 043097 Currently you can only run a specific PR once, using one PGE, one set of input granules, generating DPR(s) and output granule(s). In the SSI&T environment, regression testing is required to run the same PR over with the same input data creating the same results. A new version of the PGE must be created to re-run the PR. In this workaround, the database will be "littered" with versions of PGEs with no changes except for a new version number. The workaround in IT was to reset the Database. This is a drastic solution when MODIS is expecting 25 PGEs. In the Production Environment with Reprocessing this would again be a problem.

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ECSed06392 Cannot have multiple runs of same PGE 043097 Analysis:

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05/08/97 Randy Bollinger, SEO Systems Engineering

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"Also, a PGE can only be re-run by entering a new PR for it with a different date/time stamp. Otherwise, you can not run the PR even if you delete the PR. This assumes that the original PR has been

submitted to AUTOSYS. In SSI&T, you rerun the PR with its specific PGE, for a specific date/time stamp."

"FYI...So far the only workaround is to run the Reset_to_Post_SSIT script (which is only available at GSFC) which removes all PR's, but for now, it only takes a few minutes to re-enter the PR's. I'm still testing to see if this script causes any other problems. We've run it once. I spoke to Rick Hatfield and he was in agreement that the wording of the analysis needs to be fixed."

ECSed09892 Incorrect Estimated size for media 111497 This NCR cannot be verified at this time because tape distribution is currently not working in the VATC. We have two separate NCRs open against the 8MM distribution: ECSed14503 and ECSed14472. This NCR can't be verified until a fix, or a workaround, for NCR 14503 is in place.

ECSed12192 Subagents not started in VATC 021298 Please describe your Analysis: Tivoli will be configured to monitor the subagent. If the subagent is not running for any reason, Tivoli will attempt to restart it. Tivoli configuration materials need to be turned over and the procedures need to be performed in the VATC.

Workaround:

Until Tivoli is available, the following workaround will ensure that the subagent is running on all platforms with ECS servers. Before running an ECS server, check to see whether EcMsAgSubAgent is running (if the code installed is pre-DROP3.5, it may be named MsAgSubAgent). It should be running only once on each machine, and should only run in SHARED mode. If it is not running, run the subagent by executing "/usr/ecs/SHARED/CUSTOM/utilities/EcMsAgStartSubAgent SHARED" from the command line (you may need to use MsAgStartSubAgent for pre-DROP3.5 code). Periodically check to ensure that the subagent is still running.

ECSed12392 FDD Ephemeris "output" files do not match FDD ICD 022398 Please describe the problem you are experiencing below, including what you did, what you expected to happen, and what actually happened:

The FDD "Ephemeris File" which is generated as one of the "output files does not contain the header which is documented in the FDD ICD. It is my understanding that it is the "output" files which are automatically ftp'd to ASTER. Therefore, the workaround for this is for an FOT member to verify that the input file passed validation and then manually ftp this product everyday.

Note: This was observed in the ops/ops environment....but this form won't allow me to choose hornet/stork as servers.

debbie ramey
2/12/98

ECSed12692 ECS ASSIST: mkcfg failed to set ECS_DOCUMENT_DATA_SERVER_ACTIVE_FLAG var 030498 IMPACT....

None, since the Document Data Server is not in this release and there is a simple workaround (see below).

WORKAROUND....

Edited the .cfgparms file to correct the error and then reran the mkcfg option of ECS ASSIST.

ECSed15092 Clock Correlation constants table file driver name differs from doc 052698 Please describe the problem you are experiencing below, including what you did, what you expected to happen, and what actually happened:

The Clock Correlation constants table file driver name differs from documentationn (FOS Tools manual). The current file driver cannot be ran using the name in the current FOS Tools Manual.

The workaround is to use handwritten notes.

Bill Muscovich

5/18/98

ECSed15892 EcInReqMgr core dumps after D3 ingest encounters staging disk create err 062998 IMPACT....

No data can be ingested when EcInReqMgr is not running. Since a simple workaround exists the impact is not extremely critical.

WORKAROUND....

Restart the EcInReqMgr process.

ECSed16592 EcDsDistributionServer.CFG has wrong MssConfigFile parameter 073198 Iota patch/TS2 mode. File permissions were change and EcDsDistributionServer was started up after workaround was implemented.

Copied EcDsDistributionServerStart to EcDsDataDistribution AppStart.

Install procedures will be modified to reflect workarounds and patch will be redelivered in 4pL.

This NCR will verified again in 4pL.

ECSed18292 DCE login to bring up the Production Request Editor 100698

The workaround is to continue to log into DCE before bringing up the Production Request Editor.

ECSed08193 Can not display help for hdiff gui 080897 Can not display help for hdiff gui

I brought up the SSIT manager then the hdiff gui and

clicked on the hdiff gui help button. I was greeted with

an error message: OPENR: Error opening file: /DpAtMgrCheckHdfFile.hlp.

Can not display /DpAtMgrCheckHdfFile.hlp

My workaround was printing the help file with the unix find

and lp commands. Submitted-on: 970808

11/17/97: Hard carriage returns input in this enclosure by K. Hoffman.

ECSed11393 Retrieve Ad for Updating Long Form 011598 PROBLEM DESCRIPTION....

The update of an advertisement submitted using the longform does not work.

When the ad is retrieved, it is not returned in a template format used to make the updates. The wrong version ID is returned. It is not the same version Id that was used when the ad was submitted.

The impact is not having the capability to update an ad that was submitted using the long form. There is no workaround, however the short form is working correctly. Updates can be made using the short form.

ECSed05393 ODLToGI should check ODL datatypes as well as dictionary datatypes. 110696 Please describe the problem you are experiencing below, including what you did, what you expected to happen, and what actually happened:

The code that converts ODL from a given MCF file assumes that the ODL datatype is the same as the expected type. For example, in the test MCF file the ScienceReviewStatus value was 1.2. ODL interprets this as a real number. The DsMdMetadata software assumes that this is a string because it is a string in the dictionary. This causes a core dump.

As a workaround, change the MCF file to "1.2".

ECSed12193 UPG: Does not produce the profile2.odl correctly 021398 Please describe your Analysis:

--

The problem was caused by the V0 ODL merge (02/10/98) which fixed a known ODL problem but broke the ADDRESS workaround implemented on 07/25/97.

Back out the workaround in User Profile Gateway and DAAC Desktop.

ECSed12193 UPG: Does not produce the profile2.odl correctly 021398 Please describe your resolution to this problem:

--

Commented out the workaround in DAAC Desktop and User Profile Gateway.

ECSed13993 Pull directories are created with restricted privileges 041398 For now, the simplest workaround is for an operator to manually change the permissions on the user directories and files as needed.

ECSed14293 DANs submitted from Ingest Driver not appearing on Ingest GUI4.05 042298 Please describe your Analysis:

I spoke to Royce Reid at EDC. We have a known problem with the GWClient on sgi in that the PDR file must be in the same directory as where the executable is run from in order for the PDR to get submitted correctly. When the GWClient prompts the operator for a PDR file name, if there is a path typed before the file name, then garbage is sent to EcInAuto. This is probably because a flush needs to be put after each endl in the cout statements to flush the buffer.

Royce had moved the GwClient to a sun machine in order to get the submission to work and wrote the NCR because he had to copy the Auto config file along with the executable. This is really his workaround for the actual problem.

ECSed14793 Planning Workbench does not properly place jobs in Creation Queue 051398 IMPACT....

Currently, no workaround exists and jobs cannot be properly removed and placed into the Creation Queue. This poses a problem if a user were trying to activate two consecutive plans where several of the jobs did not have data.

ECSed15093 FDS/FOS Incompatibility ein Range Predict file naming convention 052698 Please describe the problem you are experiencing below, including what you did, what you expected to happen, and what actually happened:

FDS/FOS Incompatibility in Range Predict File Naming Convention exists. This prevents Clock Correlation from being performed.

The workaround is to manually rename the files.

Bill Muscovich
5/18/98

ECSed15993 xemacs not found in Mini-DAAC 070698
IMPACT....

Small. Xemacs can't be used to display results of displaying Jobs Completed or jobs waiting. Use workaround described in the problem statement.

ECSed17393 Cannot start servers at component level 082598 When we tried to start servers at component level, got an error message in a pop up box, that the startup script does not exist. But, as a workaround, we were able to bring up the servers at application level.

The affected server is g0ins02

ECSed18693 Constants should not be included in fos_pids 072198 Please describe the problem you are experiencing below, including what you did, what you expected to happen, and what actually happened:

ASTER constants are not working on the Ops Test environment.

Generated PDB 19 on Ops Test and Ops Ops on the same dat, with the same data. All cmd and tlm database tables contained identical data. When the ODFs were generated, constants (used in ASTER derived parameters) were not evaluated as constants in the Ops Test environment, but they were in the Ops Ops environment.

After the developer looked at the ODFs and databases, it was discovered that the constants in Ops Test were in the fos_pids table, and they shouldn't be. They are not in the Ops Ops fos_pids table.

The workaround is to manually remove them from the Ops Test fos_pids table and regenerate ODFs.

Sara Haugh
7/10/98

ECSed18693 Constants should not be included in fos_pids 072198 Apparently the ASTER constant were inserted into the tlm_desc_pdb by someone at the FOT, and from there the genops put them in the fos_pids table. The tlm_desc_pdb (and fos_pids) are for parameters only, not constants. The telemetry ODF builder got fooled by this and assumed the mnemonics were parameters. As a result, Decom could not evaluate the derived parameters that use these constants.

When normal FOS procedures are used to load constants into the database, this will not happen (says Carol Lloyd). The manual insertion was done mistakenly as part of a workaround to another problem.

The ODF builder could be made smarter under these circumstances, but it is debatable what logic should be used, and whether the potential benefit would outweigh the potential risk.

Dave Grimes

7/29/98

ECSed18993 Concern With Change To daac_toolkit_f90 On Sun 110498 Please describe your Analysis:

This was caused by some confusion on whether the delivery on the SUN is F90 or F77. Therefore, admission of the need for resolution of this issue was placed in the Installation Instructions.

We have now verified that the built code is F77 (as was thought). A simple workaround for this problem is:

after installation, change the directory name on the SUN from "F90" to "F77". Also, to state the effects of F77 vs F90 on the SUN: the compiled code on the SUN is not used functionally. It is installed there for message file use by PDPS. (Message files are not compiled F77 or F90). At any rate, once the installation is done, the name can be changed to reflect F77 (which will negate the need to change any other subsystem environment variables -- like PDPS).

We are in the process of making corrections for future installs.

The correction has been made simply by changing f90 to f77 in the appropriate place in the EcTkToolkitCoreMkcfg file.

11/6/98

Megan E. D. Spencer

301-925-0746

ECSed09194 Administrative Complexities when different hosts and NIS servers 061797 Please describe your Analysis:

The directory installed on different server than the rest of the program. This was due to a limited amount of RAID. LaRC was not aware of the deviation and had to go to a workaround to keep NIS. LaRC is willing to live with the work around under the condition that B.0 is notified of the concern and has a TT and action to prevent in the B.0 delivery.

ECSed09194 Administrative Complexities when different hosts and NIS servers 061797 Please describe your resolution to this problem:

The directory installed on different server than the rest of the program. This was due to a limited amount of RAID. LaRC was not aware of the deviation and had to go to a workaround to keep NIS. LaRC is willing to live with the work around under the condition that B.0 is notified of the concern and has a TT and action to prevent in the B.0 delivery.

Permanent workaround, clone to B.0.

ECSed04094 Field Label on "PROFILE" tabstack of PGEDbUpdateGui window corrupted 102496 NCR 4094 is verified by discovering a workaround.

On the SUN SPARC20, the FONT size must be set to 2 or below for the field labels of the DpAtOpDbGui(PDPS/SSIT Database Update GUI) to be displayed in their entirety.

As the FONT size setting is increased, more truncation of the field labels occurs.

The symptoms (as cited in this NCR and repeated below) occurred when the FONT SIZE setting was at 4.

In the PROFILE tab stack in the Pge Database Update Gui

- (1) the label for the field entry "local filename of top level shell" display is truncated to "cal filename of top level sh"
- (2) the label for the field entry "Max. DISK SPACE used during PGE run _____MB" is truncated to "ax. DISK SPACE used during PGE run_____MB"
- (3) the label for the "Computer Name" toggle switch is truncated to "Computer Na"

Directions for setting the FONT size on the SPARC 20:

- 1) select the "Style Manager" Program
- 2) From the "Style Manager" window, Select "Font"
- 3) From the "Style Manager-Font" window Select "2" and Press "OK"

(A "Notice" pop-up window will appear. Select OK

Relaunch the DpAtOpDbGui(PDPS/SSIT Database Update GUI) for the Font size change to take affect.

ECSed13794 System-Generated PCF Is Incorrect 040698 There are several issues that are raised in this NCR. All of them are related to the template pcf that is used by processing to generate the actual pcf's for every pge run.

The template pcf that processing creates during PRONG's mkcfg time is a one time thing. When a particular mode is configured processing will create this template pcf based on a template pcf that toolkit delivers.

Any problems in this template pcf can be edited and fixed (possible workaround) as long as the changes that need to go in there are documented. For this reason, I suggest the severity be lowered to a two.

Let me try to summarize the problems here and possible solutions to them.

Problem 1 :

The system generated PCF has incorrect entries for 3 arc DEM data. It has been determined that processing will stage this data from science data server. In the SSIT ODLs there will be entry for Logical ID 10653, and processing will stage the files like it stages other inputs. The template pcf has been fixed (already merged to the baseline, but not in Drop 4) to remove the entries for Logical id 10653.

Problem 2 :

The system generated PCF has incorrect entries for 30 arc DEM data. These files will be installed on the science processor and there won't be any reference to them in the SSIT

ODLS and processing will not stage these files. The template pcf that was generated had incorrect entries for these in drop4 and was later removed from the template pcf. The template pcf should have entries for these files. Since all the files are grouped under one logical id processing should know the order (version number) in which to put them in the template pcf.

Problem 3 :

Ephemeris files: Drop 4 template pcf had a default entry for this. Later the template pcf was corrected to remove this entry. Ephemeris files will be acquired from science data server. The SSIT ODL will have an entry for this logical id.

Problem 4:

Attitude files: Same as above

The formal system version of these files will be available whenever DPREP is run. DPREP produces these attitude and ephemeris files.

Problem 5:

Logical ID 10601 has an incorrect architecture. This has been already fixed to the baseline.

Problem 6:

Several Logical Ids have no subdirectories specified. All of them point to files in ~/runtime. This problem was due to the fact that toolkit changed the locations of these files in toolkit5.2.2, but processing scripts did not keep up with the changes. Related NCR 12238. This has been fixed.

Problem 7:

The file udunits.dat is referenced by different logical ids (MODIS uses 10302 and template pcf references using 11001). The reason for this difference is the same as mentioned in problem 6. This again has been corrected and fixed.

Problem 8 :

Logical ID 10251. Just that everyone knows, logical ids 10000 - 10999 are reserved for toolkit use. 10251 is not used in the template pcf that toolkit delivers. ASTER currently uses this logical to refer to its Data Dictionary file. This file is being delivered right now by PDPS. With my little understanding about the use of this file, I think that either ASTER should use another logical id to refer to this file (PDPS will then stage this file from science data server) or toolkit should include this in its template pcf.

Problem 9:

Logical ID 10999: Toolkit uses this to refer to file PGS_CUC_maths_parameters. I believe that this file was not delivered by TOOLKIT prior to TK4 version and is now being delivered by TOOLKIT. I assume that ASTER made its own version of this file which is now being delivered by PDPS. At one point (during the Aug demo time frame) the ASTER pges did not work with the toolkit version of this file. It should be investigated whether this is still a problem and resolved accordingly.

ECSed16794 Disk space issue not allowing TS1 and OPS install 080598 A preliminary look at machines indicates a disk problem on at least 7 machines "e0acg02, e0ais02, e0ais03, e0icg02, e0msh11, e0pls01, e0spg01".

An analysis is being done at EDC by Jim VerMeer "605" 594-2570 to see if there are available workarounds and if other machines need workarounds/more disk.

Analysis will be updated tomorrow.

Impact: Possible SVAT impact, as well as, TS1 and OPS installs.

ECSed16794 Disk space issue not allowing TS1 and OPS install 080598 This is being forwarded to M&O for Release B. A clone of this Trouble Ticket has been generated in EDC's local Trouble Ticket database. Reference TT 16795.

As you heard yesterday, we are having some concern about the disk space available on some of the machines in our 4P1 string. The concerns fall under two categories: 1) ability to run our TS2 mode to support SV/AT testing, and 2) ability to install 4P1 into our TS1 and OPS modes.

The main concern driving TS2 stability comes from HP OpenView and the fact that we now have subagents running on every machine to report back to the HPOV server. Word from development is the subagents require a healthy amount of disk space in order to run and if we run out of disk, HPOV will be impacted. Since we are planning on using HPOV as our primary tool for monitoring and controlling the CUSTOM code during SV/AT, this is a concern. We had to do a significant cleanup on all machines to get HPOV up and running and two machines are still at or above 85% of capacity (e0ais02 - 85%, e0pls01 - 97%). We can run, but will need to closely monitor the growth of log files. If our log files get too large or if we get a core dump on these machines, it could bring down HPOV.

The issue of installing 4P1 into TS1 and OPS brings more machines under scrutiny. We have a number of machines that have not been used before and therefore only have TS2 and SHARED modes installed, yet are already getting tight on disk space. Of these machines, there are 7 that don't seem to have an obvious workaround to make room for the other modes. Of these seven, several are designated as secondary servers, so are less critical, but would still cause us to be out of sync with baseline if we couldn't install them.

- e0acg02 - 61%; Secondary for STMGT and INS; No local resources to link to
- e0ais02 - 85%; One of two primaries for EOSView and AIT Workstation, One of five primary toolkits
- e0ais03 - 53%; Same role as e0ais02
- e0icg02 - 45%; Secondary INS
- e0msh11 - 58%; Primary DAR server, Secondary for MSS Mode Management, Tivoli, and Trouble Ticket (Remedy)
- e0pls01 - 95%; Secondary Planning Work Station
- e0pls02 - 49%; Primary Queuing Server, one of five primary toolkits

Further analysis will be required to determine the extent of our concern and if there are in fact workarounds for all of these machines. We don't know yet how big SHARED and TS2 modes are on each machine, so we can't tell for sure if we have room for copies of TS1 and OPS. I will begin gather this

information and give a more detailed analysis ASAP. My goal at this time is just to let you know that we see a potential problem looming on the horizon - and since we are scheduled to put 4P1 into TS1 next week, the horizon is not far away.

More later!

- Jim VerMeer

ECSed16794 Disk space issue not allowing TS1 and OPS install 080598 Bug ID: ECSed16795

EDAAC_TT Submitted: 980805

FIX defect report Review-Assigned: 980901

Being-Fixed: 980901

Software: Hardware

3 enclosures

"Disk space issue not allowing TS1 and OPS install"

ANALYSIS INFORMATION...

PROBLEM INFORMATION... Evaluate Engineer: trockvam

Problem Type[*]: hardware Assigned To: rbolling

Build ID: DROP 4P1 Affect Subsystem[*]: N/A

Server ID: Many Related NCR#: ECSed16796

Test Site[*]: EDC

Severity (1=Showstopper)[*]: 1

Need fix by (yymmdd): 980812

SUBMITTER INFORMATION...

TO BE FIXED INFORMATION...

Submitter: Gregory L. Stensaas Problem type[*]: configuration

Address: stensaas@puff Recommended change[*]: configuration

Est. fix time (hrs): 40

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Bug ID: ECSed16795

EDAAC_TT

FIX defect report

***** Problem (Added at 980805 by stensaas) *****

A preliminary look at machines indicates a disk problem on at least 7 machines "e0acg02, e0ais02, e0ais03, e0icg02, e0msh11, e0pls01, e0spg01".

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Analysis will be updated tomorrow.

Impact: Possible SVAT impact, as well as, TS1 and OPS installs.

***** Analysis (Added 980805 by swenzel) *****

This is being forwarded to M&O for Release B. This is a clone of NCR 16796.

As you heard yesterday, we are having some concern about the disk space available on some of the machines in our 4P1 string. The concerns fall under two categories: 1) ability to run our TS2 mode to support SV/AT testing, and 2) ability to install 4P1 into our TS1 and OPS modes.

The main concern driving TS2 stability comes from HP OpenView and the fact that we now have subagents running on every machine to report back to the HPOV server. Word from development is the subagents require a healthy amount of disk space in order to run and if we run out of disk, HPOV will be impacted. Since we are planning on using HPOV as our primary tool for monitoring and controlling the CUSTOM code during SV/AT, this is a concern. We had to do a significant cleanup on all machines to get HPOV up and running and two machines are still at or above 85% of capacity (e0ais02 - 85%, e0pls01 - 97%). We can run, but will need to closely monitor the growth of log files. If our log files get too large or if we get a core dump on these machines, it could bring down HPOV.

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Further analysis will be required to determine the extent of our concern and if there are in fact workarounds for all of these machines. We don't know yet how big SHARED and TS2 modes are on each machine, so we can't tell for sure if we have room for copies of TS1 and OPS. I will begin gather this information and give a more detailed analysis ASAP. My goal at this time is just to let you know that we see a potential problem looming on the horizon - and since we are scheduled to put 4P1 into TS1 next week, the horizon is not far away.

More later!
- Jim VerMeer

***** Analysis 08/07/98 (Added 980901 by trockvam) *****
08/07/98 Randy Bollinger
Per the conference call with EDC yesterday, the following actions will take place:

1. For the SGI's, plans will be expedited to deploy 9GB internal drives for all SGI's.

Current SGI's have:
2GB system disk
4GB /data1 partition

New configuration will have:
2GB swap disk
4GB system disk
9GB /data1 partition

It is possible to go ahead and deploy 9GB drives immediately and copy the 4GB /data1 partitions to the 9GB drive to alleviate immediate issues, then follow up with re-configuring the system disk onto the 4GB drive, and then making the 2GB drive a swap disk.

2. For the SUN's, there are no spare drives in stock. Systems Engineering has requested that Bill Johnson of the Patch IPT convene a tiger team of people to help study and resolve the disk space issue at EDC. This team will study both the SGI and SUN disk space issue and make recommendations.
3. EDC can provide information by issuing the DU command at the partition level and below and providing us Disk Space information via DU for those machines and Disk areas that are heavily utilized. The tiger team needs to study exactly what is it that is being stored on these disk partitions that makes them use up so much space.

The tiger team will begin to meet on 8/11, and we will keep EDC informed with

respect to data requests, etc.

08/17/98 Randy Bollinger

Correction to Item #2 above, it was my understanding that our stock room only contained 9GB SGI Drives. It has been brought to my attention that in fact a previous purchase of SUN uni-packs and multi-pack drives had been done some time ago and that we have these packs in stock. I now have a stock count and list of the drives (and their sizes), and I will be determining (based on the disk space partitions of the affected machines) how and what to deploy from a disk size perspective. This will be the short term fix to solve the space problem. The long term fix will be determining how much space is being utilized at all times and why. I believe I had mentioned the availability of these drives in one of the telecons with EDC regarding the space problem, if not, I will be seeing Greg Stensaas today when he is in town.

***** History *****

wwwweb 980805 181428 Submitted by stensaas from e0mop21.edcmo.ecs.nasa.gov
xdds 980805 181925 Enclosure "Analysis" added by swenzel
xdds 980805 181952 Cloned from ECSed16794 (EDAAC_TT) by swenzel
xdds 980805 181952 Parent & Children Links Removed.
xdds 980805 182113 enclosure "Analysis" edited by swenzel
xdds 980806 111951 enclosure "Analysis" edited by trockvam
xdds 980806 112205 enclosure "Analysis" edited by trockvam
xdds 980806 113159 enclosure "Analysis" edited by trockvam
xdds 980901 164224 N -> A (Review-Assign to trockvam) by trockvam
xdds 980901 164236 A -> R (Recommend-change = configuration) by trockvam
xdds 980901 164414 Enclosure "Analysis 08/07/98" added by trockvam

ECSed16994 ftp to ASTER of FDS planning products need Signal Files 081398 Please describe the problem you are experiencing below, including what you did, what you expected to happen, and what actually happened:

The ASTER GDS ICD states that ftp of FDS planning products requires a signal file for each product (section 4.2). The current software does not provide signal files for ASTER.

The workaround is to manually create a signal file for each ASTER FDF product and manually ftp this file after the ftp of the FDF planning products.

ECSed18094 DPREP: Profile 2 looks for previous datasets. 092598
PROBLEM DESCRIPTION....

The DPREP PGE that runs with no previous datasets is failing in executing. It is apparently looking for previous datasets. There is no known workaround as of now.

ECSed18994 Possible Unnecessary Toolkit Environment File Modification 110498
We are currently in the process of preparing a fix to 17209,
which will fix this problem automatically.

A workaround would be just not to edit these files on the SUN.
ECSed08395 Problem with FORTRAN Temp IO tool 070397
No software modifications will be done at this time. Users are expected
to follow the workaround procedures described in the analysis.

This trouble ticket should remain open and will be resolved at a later date.
ECSed10995 PRE: Can't delete a DPR whose completion state is QA_FAILURE 122997 PROBLEM
DESCRIPTION....

When I tried to delete a Production Request with a DPR with a completion
state of QA_FAILURE, I couldn't, because when I try to delete the DPR through
the DPR List view, it sees that the completion state of the DPR is not
null and then tries to tell Job Mgmt to delete it, only Job Mgmt has
never had this DPR be activated, so the delete fails. Furthermore,
I can't delete the PR through the PR List window because it sees that
the DPR completion state is not null and it won't delete the PR.

The workaround for this is to set the completion state of the DPR to NULL
using isql.

The impact of this is that an operator can't delete a DPR with a QA_FAILURE
without the workaround.
ECSed11295 "DropAll.sql" file not installed 011398 NCR ID: ECSed11945 Status:
CLOSED Submit Date: 980203
NCR Class: REL_B0_INFORMAL Project: RelB0_STMGT Enclosures: 5

NCR TITLE....
Database tables missing for D3 Tape.

DETECTION INFORMATION....	REVIEW-ASSIGN INFORMATION....
Build Name[*]: Drop 3	Evaluate Engineer: shalpine
Test Site[*]: EDC DAAC	Assigned To: shalpine
Detection Method[*]: Analysis	Iteration [*]: Drop 4P
Detected-In-Phase[*]: Installation	
Build ID: Drop 3.0.1	
Test Case ID:	
Platform ID: e0acs05	
Severity (1=Showstopper)[*]: 2	
Need fix by [*]: Critical	
Mode [*]: Other	
Trouble Ticket:	

SUBMITTER INFORMATION....
Submitter: mfreche

TO BE FIXED INFORMATION... VERIFICATION INFORMATION...
Problem Type[*]: source code Test Status (Pass/Fail)? : P
Recommended Change[*]: source code Elapsed Test Time (Hrs): 1
Est. Fix Time (Hrs): 8 Verification Site[*]: EDF
Est. Compl. Date (yymmdd): 980227 Verified Build ID: Drop 4P
Related NCR ID: N/A Verified Platform ID: e0acs05

CLOSING INFORMATION...
RESOLUTION INFORMATION... Closing Reason[*]: Fixed
Resolution[*]: source code CCR#/NCR#: none
Resolved by: lcolombo Closing accepted by: sbarrier
Indicate_SLOC[*]: Added
Num_SLOC: 100
Fixing Time (hrs): 8
Documentation affected (Y/N)? N
Affect CSCI: STMGT

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***** Problem *****

The following tables were added to the STMGT database:

Scheduler
Reservations
Request

Background:

The following error message was received for D3 Tape

RequestListTable:Add:Invalid attempt to insert into DB

The Drop 3 code referenced these tables but did not create them. They were referenced in Drop 2. Since Drop 2 was delivered to GDAAC, the schema was available there in order to create the tables. The tester created a .sql script to create the tables in STMGT at EDC. This was performed BEFORE the mandate that everything is to be taken ONLY from the SMC. The patch file is located in /usr/ecs/TS2/CUSTOM/dbms/stmgtpatch3.02.sql at EDC.

Impact:

If this workaround was not performed, test would have lost valuable time waiting for a patch to solve this problem.

Gordon Brandyburg (2/3/98)

***** Analysis *****

Please describe your Analysis:

This is a know problem for all deliveries prior to DROP 4. Problem has been fixed in DROP 4 version of ECS.

Workaround: .sql sscript was provided to site by test to create required tables

***** Resolution *****

Please describe your resolution to this problem:

Added .sql scripts in the DROP 4 version of ECS to correct problem.

Patch Recommendation: If there are additional DROP 3.0xxx installs this will continue to be a problem.

***** Verification *****

Please describe your verification:

The NCR Scrub on 7/1/98 determined that this NCR could be closed due to previous installation problems that have since been overcome.

Sheila Barriere
7/10/98

***** Closure *****

Describe the Reason for closing this NCR?

see verification

***** History *****

xdds 980203 175012 Submitted to EDAAC_TT by mfreche@puff
xdds 980203 175915 Enclosure "Problem" added by mfreche
xdds 980203 180117 Forwarded from EDAAC_TT to RelB0_STMGT by mfreche
xdds 980204 141353 N -> A (Assigned-to lcolombo) by lcolombo
xdds 980205 142315 Fields modified by sbarrier
xdds 980224 080611 Enclosure "Analysis" added by lcolombo
xdds 980224 080611 A -> R (Recommend-change = source code) by lcolombo
xdds 980224 081533 Enclosure Resolution added by lcolombo
xdds 980224 081533 R -> T by lcolombo
xdds 980717 142327 Fields modified by sbarrier
xdds 980717 142401 Enclosure "Verification" added by sbarrier
xdds 980717 142401 T -> V by sbarrier
xdds 980717 142415 Enclosure "Closure" added by sbarrier
xdds 980717 142415 V -> C by sbarrier

ECSed05895 Specify Time Duration Feature Does Not Work For Analysis Request 031997 FOS Release 1.1.0

The "Specify Duration" option on the Pair Time Selector tool does not work. The `Absolute`, `Time`, and "Specify Duration" dialog buttons are selected. After the analysis timespan is entered and accepted, a reasonably close timespan is displayed in the "Selected Times" window and remains there after the request is saved. (Note: The displayed timespan is within a second of the entered timespan) When the request is closed and opened again, the stop time of the selected timespan has changed. For example, "1997/027 21:45:32" changes to "1997/044 18:43:36". The timespan with the new stop time is the one used for the analysis request. The workaround is to use the "Specify End Time" option instead of the duration option.

ECSed12895 Insert tools cannot see files in directories outside /home 030998 When trying to insert an SSEP or a test dynamic file from the SSIT Manager, the .met files cannot be seen from directories outside /home. This has been tried using both a user account "group ssit" and the ts1user account "group cmts1".

Copying the many large data files that must be inserted to test the MODIS PGEs to home directories is an unsatisfactory workaround.

ECSed15395 While 060998 Please describe the problem you are experiencing below, including what you did, what you expected to happen, and what actually happened:

You only can fit one ECL directive inside the while brackets. Also, it doesn't work, here is an example:

```
$X=5
while (X10)
{
$X++
}
SHOW_VAL $X
```

The output is a 6 rather than a 10. If \$x is supposed to increment until it is not <10, while doesn't work. The workaround is to use a do-until loop.

Kraig Larson
5/28/98

ECSed19191 L2ETS Fails To Trigger After AST_09T Insert By L1ACT 111898 This TT is being written for promotion to an ECS NCR "mode OPS, drop 4PX.11, 2-emergency, l0pls01, RelB0_PLS".

During testing of the multiple science processor configuration at LaRC, two pairs of

PGEs were submitted- L1ACT/L1ETS and L2ACT/L2ETS. These have been registered as different versions of the same PGE, running on the same data.

Both L1ACT and L2ACT run concurrently on different science processors. The L2ACT DPR completes successfully, and its L2ETS successor is scheduled. The L1ACT DPR completes successfully, but its L1ETS successor does not schedule.

Investigation of the database reveals that the data availability flag for the AST_09T granule for L1ACT is still set to "0" after the successful insert.

Investigation of the EcPISubMgr logs reveals that the subscription notification processing for the L2ACT job completes successfully, but the subscription notification processing for the L1ACT job fails with "attempt to insert duplicate key row".

This scenario has been run three times with the same result, even after resetting the PDPS database and re-inserting all PGEs and data.

Workaround- Deleting and re-entering the L1 PRs/DPRs seems to have worked in one case. "In this scenario, the L1 jobs run alone, not in tandem with the L2 jobs."

"LaRC TT # 1075"

***** Per 11/20/98 NCR Board ***** (C. Whitaker)

LaRC has reported that the workaround is not working. As a result, this NCR is being changed to a Severity 1.

ECSed15895 Unnable to run 8MM tape distribution 062998 NCR ID: ECSed16299
Status: CLOSED Submit Date: 980717
NCR Class: REL_B0_INFORMAL Project: RelB0_STMGT Enclosures: 6

NCR TITLE....

Staker MediumType should be changed to 8mm by STMGT GUI.

DETECTION INFORMATION....

REVIEW-ASSIGN INFORMATION....

Build Name[*]: Drop 4P Evaluate Engineer: jcrowfor
Test Site[*]: VATC Assigned To: jcrowfor
Detection Method[*]: Planned Test Iteration [*]: Drop 4PX
Detected-In-Phase[*]: System Verificatio
Build ID: DROP 4P1
Test Case ID: TS0850.1
Platform ID: t1dps01
Severity (1=Showstopper)[*]: 2
Need fix by [*]: Critical
Mode [*]: OPS
Trouble Ticket:

SUBMITTER INFORMATION....

Submitter: mnguyen

NCR Class: REL_B0_INFORMAL Project: RelB0_STMGT

TO BE FIXED INFORMATION....	VERIFICATION INFORMATION....
Problem Type[*]: source code	Test Status (Pass/Fail)?: P
Recommended Change[*]: source code	Elapsed Test Time (Hrs): 1
Est. Fix Time (Hrs): 24	Verification Site[*]: VATC
Est. Compl. Date (yymmdd): 980724	Verified Build ID: DROP4PX
Related NCR ID: N/A	Verified Platform ID: t1dps01

CLOSING INFORMATION....	
RESOLUTION INFORMATION....	Closing Reason[*]: Fixed
Resolution[*]: source code	CCR#/NCR#: none
Resolved by: cduma	Closing accepted by: sbarrier
Indicate_SLOC[*]: Modified	
Num_SLOC: 30	
Fixing Time (hrs): 24	
Documentation affected (Y/N)? N	
Affect CSCI: stmgt	
Merge Build Id: N980727001	Page 2/2

***** Problem (Added at 980717 by mnguyen) *****
The Medium Type is set to 8MM, while the software looks for 8mm,
and we cannot use the STMGT GUI to change the MediumType to 8mm.

There's a workaround:

```
* loggin the Sybase : isql -Ustmgt_role -Pwelcome -St1acg01_srvr
  1> use stmgtdb1
  2> go

  1> update DsStStacker set MediumType = "8mm"
  2> go
```

***** Analysis *****

Please describe your Analysis:

Media type that is passed in is passed in as "8MM". The GUI use this value to fill in the media type for the stacker table. The Stacker server uses the value "8mm" to find the stackers of its type in the database. The Stacker server does not find any stackers to manage so no requests get served.

***** Resolution *****

Please describe your resolution to this problem:

Modified the resource manager code for the stackers to look for upper case MM rather than lower case mm. This resolves the conflict between the GUI and the application code.

***** Previous Merge Build IDs *****

Please enter any related Merge Build ID(s) information:

- 1)
- 2)
- 3)
- 4)

***** Verification *****

Please describe your verification:

* The correct value for MediumType is 8MM, and it can be set using STMGT GUI.
The value of 8mm for MediupType is no longer needed.

***** Closure *****

Describe the Reason for closing this NCR?

The NCR Board approved this NCR to be Closed on 9/28/98

***** History *****

wwweb 980717 133612 Submitted by mnguyen from 192.150.28.5
xdds 980717 134540 N -> A (Assigned-to jcrowfor) by jcrowfor
xdds 980720 141254 Fields modified by sbarrier
xdds 980721 141255 Enclosure "Analysis" added by jcrowfor
xdds 980721 141255 A -> R (Recommend-change = source code) by dbrown
xdds 980727 142641 Enclosure Resolution added by cduma
xdds 980727 142641 R -> T by cduma
xdds 980805 182148 Enclosure Previous Merge Build IDs added by cduma
xdds 980805 182148 T -> T by usrdev04
xdds 980924 144830 Enclosure "Verification" added by mnguyen
xdds 980924 144830 T -> V by mnguyen
xdds 980928 122242 Enclosure "Closure" added by sbarrier
xdds 980928 122243 V -> C by sbarrier

ECSed16795 Disk space issue not allowing TS1 and OPS install 080598 A preliminary look at machines indicates a disk problem on at least 7 machines "e0acg02, e0ais02, e0ais03, e0icg02,

e0msh11, e0pls01, e0spg01".

An analysis is being done at EDC by Jim VerMeer "605" 594-2570 to see if there are available workarounds and if other machines need workarounds/more disk.

Analysis will be updated tomorrow.

Impact: Possible SVAT impact, as well as, TS1 and OPS installs.

ECSed16795 Disk space issue not allowing TS1 and OPS install 080598 This is being forwarded to M&O for Release B. This is a clone of NCR 16796.

As you heard yesterday, we are having some concern about the disk space available on some of the machines in our 4P1 string. The concerns fall under two categories: 1) ability to run our TS2 mode to support SV/AT testing, and 2) ability to install 4P1 into our TS1 and OPS modes.

The main concern driving TS2 stability comes from HP OpenView and the fact that we now have subagents running on every machine to report back to the HPOV server. Word from development is the subagents require a healthy amount of disk space in order to run and if we run out of disk, HPOV will be impacted. Since we are planning on using HPOV as our primary tool for monitoring and controlling the CUSTOM code during SV/AT, this is a concern. We had to do a significant cleanup on all machines to get HPOV up and running and two machines are still at or above 85% of capacity (e0ais02 - 85%, e0pls01 - 97%). We can run, but will need to closely monitor the growth of log files. If our log files get too large or if we get a core dump on these machines, it could bring down HPOV.

The issue of installing 4P1 into TS1 and OPS brings more machines under scrutiny. We have a number of machines that have not been used before and therefore only have TS2 and SHARED modes installed, yet are already getting tight on disk space. Of these machines, there are 7 that don't seem to have an obvious workaround to make room for the other modes. Of these seven, several are designated as secondary servers, so are less critical, but would still cause us to be out of sync with baseline if we couldn't install them.

- e0acg02 - 61%; Secondary for STMGT and INS; No local resources to link to
- e0ais02 - 85%; One of two primaries for EOSView and AIT Workstation, One of five primary toolkits
- e0ais03 - 53%; Same role as e0ais02
- e0icg02 - 45%; Secondary INS
- e0msh11 - 58%; Primary DAR server, Secondary for MSS Mode Management, Tivoli, and Trouble Ticket (Remedy)
- e0pls01 - 95%; Secondary Planning Work Station
- e0pls02 - 49%; Primary Queuing Server, one of five primary toolkits

Further analysis will be required to determine the extent of our concern and if there are in fact workarounds for all of these machines. We don't know yet how big SHARED and TS2 modes are on each machine, so we can't tell for sure if we have room for copies of TS1 and OPS. I will begin gather this information and give a more detailed analysis ASAP. My goal at this time is just to let you know that we see a potential problem looming on the horizon - and since we are scheduled to put 4P1 into TS1 next week, the horizon is

not far away.

More later!

- Jim VerMeer

ECSed12896 MET: PSAs not passed to .met if CLASS="M" in MCF 030998 Workaround for SSIT is to stop PDPS/AutoSys before the Execution step, but after the input MCF has been Acquired from Data Server, and edit the MCF to change CLASS="M" to CLASS="1" for the PSAs with Data_Location="MCF".

This workaround is not feasible in the operational system.

Tom A. 9-Mar-98

Unfortunately this workaround only works for the first of 9 sensor container objects in the .met file.

To fix the .met file for Insert to work, one must stop PDPS/AutoSys before the Insert step, then edit the .met file to copy over the other 3 attributes from the first sensor object to all 8 other sensor objects.

Tom A. 22-May-98

Dana D'Aria has constructed an MCF with 9 of these containers (attached "workaround MCF"), which serves as a clumsy workaround for this ESDT only.

Note that the associated descriptor does not generate this MCF in PDPS at runtime, apparently because DataServer ignores the descriptor objects with CLASS="1", etc., and replaces it with a generic container with CLASS="M".

What this means is that the workaround must involve stopping Execution in Autosys and editing the MCF staged from DataServer, as opposed to reinstalling a new descriptor.

Tom A. 15-Jun-98

ECSed04096 Disk space usage field of Profile window contains garbage 102496 Problem is due to database not being initialized correctly.

Program DpAtPdpsDbUpdateScience needs to work such that it initializes all database tables (which are not filled in by itself) with zero values or equivalent.

Workaround to remove offending value:

```
unix% isql -Unwoodson  
Password: ait_db
```

```
1> update PGE_DETAIL_RESREQS set DISK_SPACE=0.0  
2> go
```

I performed the workaround for all PGEs currently listed in the PDPS database.

The reason this problem does not occur for other fields on this GUI is because this is the only floating point value.

Tom 25-Oct

ECSed14996 RogueWave dbtools.h++ bug with RWDBStoredProc.text() method 052098 IMPACT...

STMGT was using this approach to parse the parameters from the stored procedure text. While a workaround has been found for this particular situation, the problem will impact any other functionality which relies on obtaining accurate stored procedure text from the database.

ECSed15396

DDIST GUI Fails 060998 Problem already stated in ECSed15396.

Analysis and resolution response

already made to this NCR. Wasn't sure if that analysis/resolution was sufficient, so this NCR supplies additional information to be on safe side.

Additional info is as follows:

1. Problem affects all three Installation modes that were assigned. These are TS1, TS2, and OPS .

2. Problem caused by following files not existing in

/usr/ecs/{MODE}/CUSTOM/lib/DSS

libDsHcSh.so

libDsHrSh.so

libDsClSh.so

libDsAdSh.so

libDsDcSh.so

libDsCsSh.so

libDsGeSh.so

libDsSrSh.so

libDsDbSh.so

libDsDe1Sh.so

libDsDe2Sh.so

libDsMd1Sh.so

libDsMd2Sh.so

libDsMd3Sh.so

libDsSiSh.so

libDsBtSh.so

3. The workaround was to copy these files from the directory

/net/t1code1/codedrop/Drop4P_Stage/drop4P_sun/CUSTOM/lib/DSS to the directory specified in 2. above.

4. Apparently these files should have been specified in file

/usr/ecs/TS2/CUSTOM/.installed/DSS/distribution/.EcDsDdistGUI.iu .

5. Logical leap: If the missing files had been specified in

.EcDsDdistGUI.iu, then at some point in the install process, the files would have been copied from Stage area to the required installation area.

6. So, don't know what specific mechanism gets the complete set of proper .so file names entered into .EcDsDdistGUI.iu . But that is the mechanism that has to be corrected. I think.

7. Don't know if the Resolution given in ECSed15396 addresses this specific problem or some of the other problems we had and that were resolved by Diana Schmidt, Tim Somers and others.

ECSed16196 EcInReqMgr hangs after ingesting data from NESDIS (Polling wo/DR) 071498 IMPACT....

Since no data can be ingested after data has been ingested from NESDIS and since the workaround (Restart EcInReqMgr process) is not acceptable for an operational system the impact is critical.

WORKAROUND....

The workaround for this problem would be to Warm Start the EcInReqMgr process. This would not be acceptable for an operational system only a test system.

ECSed16796 Disk space issue not allowing TS1 and OPS install 080598 A preliminary look at machines indicates a disk problem on at least 7 machines "e0acg02, e0ais02, e0ais03, e0icg02, e0msh11, e0pls01, e0spg01".

An analysis is being done at EDC by Jim VerMeer "605" 594-2570 to see if there are available workarounds and if other machines need workarounds/more disk.

Analysis will be updated tomorrow.

Impact: Possible SVAT impact, as well as, TS1 and OPS installs.

ECSed16796 Disk space issue not allowing TS1 and OPS install 080598 This is being forwarded to M&O for Release B. A clone of this Trouble Ticket has been generated in EDC's local Trouble Ticket database. Reference TT 16795.

As you heard yesterday, we are having some concern about the disk space available on some of the machines in our 4P1 string. The concerns fall under two categories: 1) ability to run our TS2 mode to support SV/AT testing, and 2) ability to install 4P1 into our TS1 and OPS modes.

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More later!

- Jim VerMeer

ECSed17896 Load Queuer Hangs in Processing 091698 Please describe the problem you are experiencing below, including what you did, what you expected to happen, and what actually happened:

When generating an ATC load which incorporates an RTS load, the load queuer hangs in a processing state.

The workaround for this problem is to recycle the load queuer on the data server and catch the load generator in an initializing or reading state, and then delete the job.

Adrian Holmes FOT
(301) 614-5101

ECSed07197 Administrative Complexities when different hosts and NIS servers 061797 Please describe your Analysis:

The directory installed on different server than the rest of the program. This was due to a limited amount of RAID. LaRC was not aware of the deviation and had to go to a workaround to keep NIS. LaRC is willing to live with the work around under the condition that B.0 is notified of the concern and has a TT and action to prevent in the B.0 delivery.

ECSed07197 Administrative Complexities when different hosts and NIS servers 061797 Please describe your resolution to this problem:

The directory installed on different server than the rest of the program. This was due to a limited amount of RAID. LaRC was not aware of the deviation and had to go to a workaround to keep NIS. LaRC is willing to live with the

work around under the condition that B.0 is notified of the concern and has a TT and action to prevent in the B.0 delivery.

Permanant workaround, clone to B.0.

ECSed10997 PRE: Can't use "orbit" for PR if you OPEN an existing PR 122997 PROBLEM DESCRIPTION....

If you "OPEN" an existing Production Request, and then try to change it's orbit, the PReDitor will not let you switch from UTC Time to Orbit in the Duration window.

impact: The operator has to always select "NEW" before trying to enter a PR by orbit. This is a minimal impact.

workaround: There is no need for a work around since the impact is only an impact to the operational procedure.

ECSed14497 Wrong Ingest database trigger files delivered. 050498 Please describe your resolution to this problem:

The following is a synopsis of what happened based on conversations with the individuals involved:

- o It appears that during the initial install of the Purple Patch in the IPT Lab the Ingest_TS2 database was not successfully built from the DROP 4 baseline.
- o Development personnel got involved and provided a workaround. It was noticed that the database was not current (i.e. DROP 4) and was missing db values along with several .trg files.
- o NCRs were written against the "specific" values/files missing and not against Ingest_TS2 database not being at the current baseline.
- o Ingest and the Ingest_TS2 database was rebuilt successfully on Wednesday (5/6). NOTE: The Ingest_TS2 db had current db values and the current .trg files were installed.
- o Verification was performed by development today that the existing version of the Purple Patch in the IPT Lab with the DROP 4 Ingest_TS2 database is correct and working.

The two NCRs (14497 and 14504) will be resolved as "NOT A BUG" and will include a write up on the procedural steps to properly install Ingest and the Ingest_TS2 database. Bill and Laverne the installation instruction is as follows:

INSTALL PROCEDURES:

NOTE: The baseline version (DROP 4) of Ingest and the Ingest_TS2 database must be provided.

1) Using ECS ASSIST install the Ingest executables.

2) Using ECS ASSIST install the INGEST_TS2 Database (this is a separate tab on the ECS ASSIST GUI to install the database).

ECSed15497 DDist can't read/write EcDsDistributionServer.ACFG File 061198 Please describe your verification: Iota patch/TS2 mode. File permissions were change and EcDsDistributionServer was started up after workaround was implemented.

Copied EcDsDistributionServerStart to EcDsDataDistribution AppStart.

Install procedures will be modified to reflect workarounds and patch will be redelivered in 4pL.

This NCR will verified again in 4pL.

VERIFICATION in DROP4PL

* Took DDist server down.

* Using HPOV to bring DDist server back up, and looked at the EcDsDistributionDebug.log, There was no error related to EcDsDistributionServer.ACFG file.

ECSed17497 GENERAL : No specific oid number for OPS mode. 082898 Status, K. Cockerill, 8/31/98:

The following is an excerpt from the installation procedures for DMS:

Workarounds: MAKE CONFIGURATION:

The following workaround only needs to be done in the OPS mode on the principal Interface Server for DMS. In order for the Dictionary server to register in CDS correctly, edit the EcDmDictServer.CFG file after "mkcfg" has been run. Edit the variable "oid_ECDmDictServer" and add "_OPS" to this variable name. This problem is documented in NCR ECSed17497.

ECSed17497 GENERAL : No specific oid number for OPS mode. 082898 Per 10/05 NCR Board, NCR returned to R state for clarification. Resolution information incomplete. Need to specify whether workaround is permanent fix, or if a permanent fix is planned.

C. Whitaker

ECSed19233 EOSView: Cannot Display Quier.hdf File Image 111998 IMPACT....

Unable to access this image. No workaround.

ECSed04198 Could not find path of science processing device 102996 Please describe your resolution to this problem:

This required that a configuration file parameter (DpPrRmSpin) be restored to its pre-workaround value (=ls), and the resulting new configuration file be used.

ECSed09998 Necessary Files not delivered for PullMonitor 111997 The DsStPull.cfg file was not delivered in DROP 3 for the OPS Mode.

As a workaround the file was copied from Drop 2, TS2 Mode.

This was necessary to perform FTP Pull Testing.

-- M. Mauthe

ECSed10799 ExecMgmt: MCFs cannot be acquired from DSS. 122197
Please describe your verification:

For Drop 4, no workarounds have been necessary.

MCFs are being successfully acquired.

ECSed13399 ECS Assist doesn't change parameter in EcSbSubServer.CFG 032398
IMPACT....

Have to do a workaround by modifying the EcSbSubServer.CFG.

ECSed13699 EA INSTALL:Change Scriptname in .ACFG and .PCFG 033198 PROBLEM
DESCRIPTION....

According to msg 3/30/98 from V. Khatri: "HPOV: Changes in *.PCFG and .ACFG files for all subsystems", HP OpenView could not work because the file names of the scripts in those files were wrong. The message directed that the filenames be changed by hand for a Drop 4.0 workaround, and a change page and NCR be submitted for each change.

Workaround:

For the Client Subsystem, the following changes were made on Drop 4.0 OPS and TS2 modes on t1ins01 in the following files:

```
/usr/ecs/OPS/CUSTOM/cfg/EcCIDtUserProfileGateway.ACFG  
/usr/ecs/OPS/CUSTOM/cfg/EcCIDtUserProfileGateway.PCFG  
/usr/ecs/TS2/CUSTOM/cfg/EcCIDtUserProfileGateway.ACFG  
/usr/ecs/TS2S/CUSTOM/cfg/EcCIDtUserProfileGateway.PCFG
```

For parameter MsAg_ExecFile:

```
EcCIDtStartUserProfileGateway <MODE>
```

was changed to:

```
EcCIDtUserProfileGatewayStart <MODE>
```

Verification of NCR:

1. During a Drop install, the correct parameter "EcCIDtUserProfileGatewayStart" should be input during the mkcfg and the correct script name should appear in the referenced files for each mode.

ECSed14099 Unable to save P&S activities after Sybase Server reboot 041698 Please describe the problem you are experiencing below, including what you did, what you expected to happen, and what actually happened:

After rebooting the Sybase server the system sets the maximum parameter id to \

0 preventing the user from saving Planning and Scheduling activities through the Activity Definer.

The workaround requires the user to reset the maximum parameter id in the idfact_commandparam_pst database table.

Although not a level 1 DR this is serious and should be fixed before launch.

Witnessed by Tom Collins

Dawn Turner

4/1/98

ECSed14099 Unable to save P&S activities after Sybase Server reboot 041698 Bug ID: ECSed13932

FOS_POST_RRR Submitted: 980409

CLOSE defect report Assigned-Eval: 980413

Assigned-Fix: 980413

Software: scheduling 4 enclosures

"Command Parameters being corrupted when software installs are done"

DETECTION INFORMATION

ANALYSIS INFORMATION

Detection method[*]: Normal Operation Evaluate engineer: dhyde

Detected in phase[*]: Acceptance Test When_Planned: 2.2.0B

Test Case ID: Regression Assigned to: dhyde

Build ID: 2.1.6 Affect Subsystem[*]: PAS

Platform ID: Analysis time (hrs): 0

Test Site[*]: EOC Est. fix time (hrs): 2

Severity (1=Showstopper)[*]: 1

NCR Priority (A=Launch Critical)[*]: A

Related-DR: FOS1803

SUBMITTER INFORMATION

Submitter: bseaman

Address: bseaman@puff

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Bug ID: ECSed13932 FOS_POST_RRR Assigned-Verify 980414

CLOSE defect report Verified 980430

Closed 980519

RESOLUTION INFORMATION

CLOSING INFORMATION:

Resolutions[*]: source code

Closing accepted by:

Resolved by: dhyde

SLOC: 0

Fixing time (hrs): 2

Documentation affected (Y/N)? N

When_fixed: 2.2.0B

TESTING INFORMATION:

Assigned test engineer: japplewh

VERIFICATION INFORMATION

Test Status (Pass/Fail)? P

Elapsed test time (hrs): 1

Attachments (Y/N)? N (japplewh@puff)

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***** Problem *****

Please describe the problem you are experiencing below, including what you did, what you expected to happen, and what actually happened:

During Load Generation, received Hard constraints indicating that parameters contained within the commands did not match any of the subfields. upon examining the offending command, I discovered that parameters not associated with the command were being added to the command. David Hyde was notified and looked into the problem. he concluded that this problem was caused when the last patch was installed, and the command parameter ID factory table was not set correctly. 26 Activities were corrupted as a result. this problem needs to be corrected as soon as possible because the workaround is to manually correct the Activities one by one.

Ed Rodriguez

4/2/98

***** Resolution (Added 980413 by dhyde) *****

Modified pasDb.script to set all the id factories when data read into database.

- David

***** Verified (Added 980430 by japplewh) *****

Verified successfully at Goddard EOC.

4/30/98

Jeanette Applewhite

***** Action Taken (Added 980519 by bseaman) *****

NCR Closed

5/19/98

***** History *****

xddts 980409 111210 Submitted to FOS_POST_RRR by bseaman@puff
xddts 980409 111519 Enclosure "Problem" added by bseaman
xddts 980413 153041 N -> A (Assigned-Eval to dhyde) by dhyde
xddts 980413 153047 A -> O by dhyde
xddts 980413 181353 Enclosure "Resolution" added by dhyde
xddts 980413 181403 O -> R (Resolution = source code) by
xddts 980414 104952 R -> T by
xddts 980430 131657 T -> V by japplewh
xddts 980430 131743 Enclosure "Verified" added by japplewh
xddts 980511 105515 Fields modified by ddunn
xddts 980519 102941 V -> C by
xddts 980519 102950 Enclosure "Action Taken" added by bseaman

ECSed14799 Metadata-Based Query Problem on Production Request Editor 051398 NCR ID:
ECSed14800 Status: CLOSED Submit Date: 980513
NCR Class: REL_B0_INFORMAL Project: RelB0_SysBld Enclosures: 8

NCR TITLE....

Mkcfg Creating incorrect entries in config file

DETECTION INFORMATION....

REVIEW-ASSIGN INFORMATION....

Build Name[*]: Patch 4.01 Evaluate Engineer: nharihar
Test Site[*]: Mini-DAAC Assigned To: nharihar
Detection Method[*]: Regression Test Iteration [*]: Drop 4P1
Detected-In-Phase[*]: System Verificatio
Build ID:
Test Case ID:
Platform ID: n/a
Severity (1=Showstopper)[*]: 2
Need fix by [*]: Critical
Mode [*]: TS1
Trouble Ticket:

SUBMITTER INFORMATION....

Submitter: fhuang

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NCR ID: ECSed14800 Status: CLOSED
NCR Class: REL_B0_INFORMAL Project: RelB0_SysBld

TO BE FIXED INFORMATION....

VERIFICATION INFORMATION....

Problem Type[*]: configuration Test Status (Pass/Fail)?: P
Recommended Change[*]: configuration Elapsed Test Time (Hrs): 1
Est. Fix Time (Hrs): 6 Verification Site[*]: EDF
Est. Compl. Date (yymmdd): 980520 Verified Build ID: Drop 4P1
Related NCR ID: N/A Verified Platform ID: n/a

CLOSING INFORMATION....

RESOLUTION INFORMATION.... Closing Reason[*]: Reject
Resolution[*]: problem w/o a CCR#/NCR#: none
Resolved by: nharihar Closing accepted by: sbarrier
Indicate_SLOC[*]: Not Applicable
Num_SLOC: 0
Fixing Time (hrs): 6
Documentation affected (Y/N)? N
Affect CSCI: none

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***** Problem (Added at 980513 by fhuang) *****

Problem 1"

The mkcfg on the EcCoAssist truncates the any string data following the "\$" character. Because of this problem, no string containing the "\$" character can currently be entered as data.

Problem 2"

The mkcfg on the EcCoAssist in the EcDpPrDM config area does not replace the variables \${ScienceProcess1} through \${ScienceProcessor3} in the fields MOUNT_POINT_BETWEEN_PDPS_SP1 through MOUNT_POINT_BETWEEN_PDPS_SP3. The actual value of ScienceProcessor1 through ScienceProcessor3 must be input by hand.

***** Workaround (Added 980513 by nharihar) *****

Problem 2 has been already fixed on the baseline.

Since an easy workaround for problem 1 is to use a password which does not have special characters in them.

Beacuse of the easy workaround, I suggest that this NCR be downgraded to sev 2

Naga Hariharan

***** Analysis *****

Problem 2 is already fixed on the baseline.

To fix problem 1 the the special characters have to be escaped with a back slash

***** Reason for closing (Added 980609 by nharihar) *****

After talking to Damian Anderson, it is almost impossible to allow special characters for values when entering them through the ECS-Assist Mkcfig GUI.

Even, if it is determined that the special characters have to be handled, the fix lies in the ECS-Assist script libraries.

Since the workaround (See "Workaround") is fairly straight forward, and is the normal way of allowing special characters in scripts, I suggest that this NCR be closed.

Naga Hariharan

***** Resolution *****

Please describe your resolution to this problem:

see "reason for closing" enclosure

***** Fwd to SysBld (Added 980616 by sbarrier) *****

The NCR Board believes there are three options for this NCR:

- 1) modify the code to accept special characters
- 2) notify the user that special characters are not allowed, or
- 3) make the code recognize the special character and generate an error message.

Sheila Barriere
6/16/98

***** Verification *****

Please describe your verification:

The NCR Scrub on 7/1/98 determined that this problem is not a bug. Therefore, it's being closed.

***** Closure *****

Describe the Reason for closing this NCR?

see verification

***** History *****

wwwweb 980513 115829 Submitted by fhuang from mgd.hitc.com
xdds 980513 143452 Forwarded from RelB0_MSS to RelB0_DPS by jwatson
xdds 980513 173510 N -> A (Assigned-to nharihar) by nharihar
xdds 980513 181035 Enclosure "Workaround" added by nharihar
xdds 980513 181234 Fields modified by nharihar
xdds 980515 123033 Fields modified by sbarrier
xdds 980518 182953 Enclosure "Analysis" added by nharihar
xdds 980518 182953 A -> R (Recommend-change = configuration) by nharihar
xdds 980609 100205 Enclosure "Reason for closing" added by nharihar
xdds 980610 113454 Enclosure Resolution added by nharihar
xdds 980610 113454 R -> T by nharihar
xdds 980610 114442 Fields modified by elarson
xdds 980616 152918 Forwarded from RelB0_DPS to RelB0_SysBld by sbarrier
xdds 980616 153040 Enclosure "Fwd to SysBld" added by sbarrier
xdds 980721 122716 Fields modified by sbarrier
xdds 980721 122735 Enclosure "Verification" added by sbarrier
xdds 980721 122736 T -> V by sbarrier
xdds 980721 122746 Enclosure "Closure" added by sbarrier
xdds 980721 122746 V -> C by sbarrier

ECSed15799 Red Text Not Visible in Snap Prints 062498 Please describe the problem you are experiencing below, including what you did, what you expected to happen, and what actually happened:

The FOS delivered "snap" and "snapframe" provide the ability to print telemetry display pages. The problem occurs when a TLM page is snapped to record mnemonics in the red limit range. Pages printed using snap do not show red text, the text appears black just like the background. Not printing red text makes this method of printing TLM pages unacceptable.

If the printing time is not crucial (and the mnemonic doesn't change too quickly), a workaround is UNIXs snapshot tool. Snapshot can be used to print in color, or even in Black & White snapshot has the resolution to print red text as gray. (Be forewarned that snapshot has been known to kill the Directive Control Window, DR FOS0721.)

Snap and snapframe need a higher resolution print to distinguish between red text and the black background. An alternative may be to change the background color of the TLM page to a color that retains the visibility of red and yellow text on the terminal and also allows red and yellow text to be read when printed with snap or snapframe.

Rob Messerly
6/10/98

ECSed15899 SSI&T File Inserts: Case-Sensitive Inputs Prone to Error 063098 NCR ID: ECSed15842
Status: CLOSED Submit Date: 980626

NCR Class: REL_B0_INFORMAL Project: RelB0_DPS Enclosures: 6

NCR TITLE....

Insert Dynamic File tool won't take yes for an answer

DETECTION INFORMATION....

REVIEW-ASSIGN INFORMATION....

Build Name[*]: Drop 4P Evaluate Engineer: mmauthe
Test Site[*]: VATC Assigned To: mmauthe
Detection Method[*]: Engineering Test Iteration [*]: Drop 4P Landsat
Detected-In-Phase[*]: Operability Test
Build ID:
Test Case ID:
Platform ID: t1ais01
Severity (1=Showstopper)[*]: 3
Need fix by [*]: Routine
Mode [*]: TS1
Trouble Ticket:

SUBMITTER INFORMATION....

Submitter: bob

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NCR ID: ECSed15842 Status: CLOSED
NCR Class: REL_B0_INFORMAL Project: RelB0_DPS

TO BE FIXED INFORMATION....

VERIFICATION INFORMATION....

Problem Type[*]: source code Test Status (Pass/Fail)?: P
Recommended Change[*]: source code Elapsed Test Time (Hrs): 0.4
Est. Fix Time (Hrs): 1 Verification Site[*]: VATC
Est. Compl. Date (yymmdd): 980701 Verified Build ID: 4PL7 Beta
Related NCR ID: N/A Verified Platform ID: t1ais01

CLOSING INFORMATION....

RESOLUTION INFORMATION....

Closing Reason[*]: Fixed

Resolution[*]: source code CCR#/NCR#: none
Resolved by: mmauthe Closing accepted by: sbarrier
Indicate_SLOC[*]: Modified
Num_SLOC: 2
Fixing Time (hrs): 2
Documentation affected (Y/N)? N
Affect CSCI: AITTL
Merge Build Id:

Page 2/2

***** Problem *****

PROBLEM DESCRIPTION....

The "Insert Test Dynamic File" tool (portion?) of SSIT allows for the insertion of both single and multiple file granules. In order to determine which type granule it is working with, it asks the operator if the granule is a multifile granule. It interprets all user input except an upper case "Y" as a negative response. It should accept either an upper or lower case

"Y" as a positive response and all other characters as a negative response.

The workaround is to abort the tool and restart it.

***** Impact *****

IMPACT....

Without this change the operator will occasionally forget to hold down the shift key when answering this question. If he notices soon enough in the process he can type ^C to abort the tool, otherwise he will insert a single file as a multiple file granule.

***** Analysis *****

Please describe your Analysis:

Need to change the code to accept either a upper case
"Y" or a lower case "y".

-- M. Mauthe

***** Resolution (Added 980626 by mmauthe) *****

Changed the shell scripts for Insert Static and Insert
Test Dynamic to accept both "Y" and "y" as an
answer.

-- M. Mauthe

***** Verification *****

Please describe your verification:

Ran tool - it now accepts both "y" and "Y" as positive responses. It correctly
takes other responses as a negative response.

***** Closure *****

Describe the Reason for closing this NCR?

The NCR Board approved this NCR to be Closed on 8/26/98

***** History *****

xddts 980626 102100 Submitted to RelBO_DPS by bob
xddts 980626 103255 Enclosure "Problem" added by bob
xddts 980626 103553 Enclosure "Impact" added by bob
xddts 980626 123805 N -> A (Assigned-to mmauthe) by mmauthe
xddts 980626 123851 Enclosure "Analysis" added by mmauthe
xddts 980626 123851 A -> R (Recommend-change = source code) by mmauthe
xddts 980626 164053 Fields modified by mmauthe
xddts 980626 164138 Enclosure "Resolution" added by mmauthe
xddts 980630 143332 R -> T by mmauthe
xddts 980824 142140 Enclosure "Verification" added by awhitele
xddts 980824 142140 T -> V by awhitele
xddts 980826 125530 Enclosure "Closure" added by sbarrier
xddts 980826 125530 V -> C by sbarrier

ECSed16099 PDPS does not properly function with debug levels set at 2 070998 IMPACT....

The user may or may not experience various problems with creating production requests and activating jobs when the debug level is set to 2. The problem seems to exist across the PLS system whenever the debug level is set to 2. The impact is that the user may or may not be able to run PGEs (due to not being able to create Production Requests or not being able to activate jobs) with the debug level set to 2. The workaround is to set the debug level to 3 in all cfg files.

ECSed16299 Staker MediumType should be changed to 8mm by STMGT GUI. 071798 The Medium Type is set to 8MM, while the software looks for 8mm, and we cannot use the STMGT GUI to change the MediumType to 8mm.

There's a workaround:

```
* loggin the Sybase : isql -Ustmgmt_role -Pwelcome -St1acg01_srvr
```

```
1> use stmgtdb1
```

```
2> go
```

```
1> update DsStStacker set MediumType = "8mm"
```

```
2> go
```

ECSed16699 ARCHRESCONFIG file missing 080398 PROBLEM DESCRIPTION....

The ARCHRESCONFIG file containing the FtpDis, IngestFtp, 4mmTape, 8mmTape and D3 resources configurations is not being installed during the standard EcCoAssist installation process. The workaround is to manually copy a valid ARCHRESCONFIG into the appropriate directory and configure the entries in it.

ECSed16899 Warm Start of EcInGran causes core dump of EcInReqMgr 081198 IMPACT....

If the EcInReqMgr core dumps then no more data can be ingested. This impact is minimal since it happens only when the EcInGran process is warm started

and a simple workaround exists.

WORKAROUND....

When the EcInGran process is warm started while it is processing an Ingest Request the EcInReqMgr process will core dump. When this happens just warm start the EcInReqMgr process and all ongoing Ingest Requests will be completed and any new Ingest Requests will be processed as normal.

ECSed17099 ECSAssist not copying library files into correct directories 081798 When copying library files for ESDT's thru ESDT Manager, the

library files are not being copied into the correct directories

A manual copy of all files is the workaround for this action.

We would like to see an "ALL" button for selection of files to copy. Installation of DROP4PL7 in TS3 on g0acs03"SDSRV" Please assign to Derrick Clark.

ECSed17499 Can't Run L7 MOC CCA Scripts >1x Without Manual Cleanup 082898

The workaround for this NCR is to manually delete the LastTime and the LastFilename files between runs of the script.

ECSed17799 Need Correct File Permissions For PDPS Staging Disk 091098 Please describe your resolution to this problem:

See analysis for resolution.

A reason why the directory permissions could have been reset to 777 manually:

This is the directory in which data granules gets staged (ftped). If the account (EcDpPrEM on 4PX, some configured account previously) does not belong to the same group as the user that owns this directory then staging would fail.

To workaround this, the permissions could have been changed manually.

ECSed19155 Problems with search in B0SOT 111698 Please describe the problem you are experiencing below, including

what you did, what you expected to happen, and what actually happened:

Jason Wolfe: (303) 492-1160

11/16/98

Subsystem: CLS, V0_Client

GUI Name: B0SOT

As per CLS Checkout procedures (dated 9/22/98): From the ECS Desktop, I run B0SOT. A search on "MODIS Level 0 RAW Instrument Packets" at ECS-Test center is successful, but when I order a package ID, specify a media type, and select "Submit Order", the status bar indicates Successful completion of order, but "See Comments" status bar is highlighted. Under the Comments window, I get the following message: "Don't have a message for problem 0. Please notify user support what had happened and the network problem number (0)." Also, according to CLS checkout procedures, I am supposed to see contact information after a successful order. When I select the "Contact Info" button, I get the following message: "No Contact Info Received!" Within the "RxODLTmpFile", the last message indicated a QUIT with a status code of 0. This happened during checkout of 4PL here (September) at NSIDC and was documented in a NCR (NCR ID: ECSed18075). The workaround for that NCR was to try different packaging options. In 4PL checkout procedures, I tried "ftp pull" and "native granule" instead and the order was

successful.

However, now in 4PX when I try "ftp pull" and "native granule", the search is unsuccessful and the "comments" status box says "System error. Please try again."

Any following attempts to order these data and to try different packaging options results in the V0 Gateway crashing (This is a separate problem and has been written into a new NCR from NSIDC, 11/16/98).

Are there any other specific datasets and/or packaging options I should try in order for this to work successfully?

We are held up in 4PX checkout until this is resolved.

BUILD 4PX Gamma

MODE: TS1

ECSed19157 Problems with search in B0SOT 111698 Please describe the problem you are experiencing below, including what you did, what you expected to happen, and what actually happened:

Jason Wolfe: (303) 492-1160

11/16/98

Subsystem: CLS, V0_Client

GUI Name: B0SOT

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However, now in 4PX when I try "ftp pull" and "native granule", the search is unsuccessful and the "comments" status box says "System error. Please try again."

Any following attempts to order these data and to try different packaging options results in the V0 Gateway crashing (This is a separate problem and has been written into a new NCR from NSIDC, 11/16/98).

Are there any other specific datasets and/or packaging options I should try in order for this to work successfully?

We are held up in 4PX checkout until this is resolved.

BUILD 4PX Gamma

MODE: TS1

ECSed19097 EndPointMapper hangs during clean 111198 Since the existence of the EcCoEpMgr was a workaround (and a handy tool) in the first place (as opposed to a "solution"), adding a timeout is not the way the problem should be fixed. Code already exists (4PX.10 and later) to allow client to properly binding to servers (the problem the EcCoEpMgr alleviated). The fact that the EcCoEpMgr can hang is well known but as a result of the code changes, the EcCoEpMgr tool is no longer needed at server startup. Therefore, per ITeam decision, this NCR should be closed by modifying EcCoScriptLib to remove the EcCoEpMgr execution code. This way the EcCoEpMgr tool will not be run with each server startup.

ECSed19240 Delete granule from archive request not submitted 111998
IMPACT....

Interim files will not be deleted because the Deletion Server does not create them.

There is no workaround.

ECSed15258 DPS: Cannot Acquire MCF in AutoSys 060298 Please describe your verification:

We have seen the same problem in the VATC. The logs do suggest that PDPS could not talk to advertising from n0sps08. This was occurring frequently in Drop 4P because the DCE local and global cache where out of sync. The workaround was to perform a cdsping on the client machine to the server. This will correct the problem. We have not had this problem in the VATC in the subsequent Drops to 4P. It is suggested that this NCR be closed for that reason.

11/18 Updated: DAAC Concurrence

>X-Sender: kdowling@kryos.colorado.edu
>Date: Wed, 07 Oct 1998 14:33:12 -0600
>To: sbarrier@eos.hitc.com (Sheila Barriere)
>From: Kate Dowling <kdowling@kryos.colorado.edu>
>Subject: Re: NCRs requiring concurrence
>X-UIDL: f52d3ac2c6af17f0b7287fb7dc8bd216

>
>Sheila,
>You can close this.
> - Kate

>
>At 03:22 PM 10/7/98 -0400, you wrote:
>>Kate and Lonney

>>
>>The following NCR needs NSIDC concurrence prior to closing it out. If no
>>response is received, it will be closed on 10/13. It move to the verified
>>state on 9/3.

>>
>>15258

>>
>>thanx
>>sheila
>>

ECSed19199 Database Login Accounts/Passwords World-Readable 111898 Some additional information on the problem.

The specified file is delivered via ECS-Assist and the file /ecs/formal/COMMON/.installtypes specifies the permissions for the file. Interestingly, PLS (the specified file belongs to PLS and not DPS) is not the only subsystem that has this problem and atleast from the quick check I did, sdsrv, stmgmt all have this problem.

My suggestion is to fix the macros defined in the .installtypes and all subsystems will comply to one permission standards.

I do not think this is a sev 1 problem. The obvious workaround is to change the permissions after the install.

Note: My ulterior motive for writing this addendum late in the day is get this sev 1 NCR off my DPS list :-)

-- Naga Hariharan

ECSed15655 Missing Data Server UR prevents Preprocessing in Autosys. 061798 NCR ID:

ECSed15258 Status: CLOSED Submit Date: 980602

NCR Class: REL_B0_INFORMAL Project: RelB0_DPS Enclosures: 7

NCR TITLE....

DPS: Cannot Acquire MCF in AutoSys

DETECTION INFORMATION....

REVIEW-ASSIGN INFORMATION....

Build Name[*]: Drop 4

Evaluate Engineer: nharihar

Test Site[*]: NSIDC DAAC

Assigned To: nharihar

Detection Method[*]: Engineering Test

Iteration [*]: Drop 4P Landsat

Detected-In-Phase[*]: Integration

Build ID:

Test Case ID:

Platform ID: t1sps02

Severity (1=Showstopper)[*]: 2

Need fix by [*]: Critical

Mode [*]: TS2

Trouble Ticket:

SUBMITTER INFORMATION....

Submitter: toma

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NCR ID: ECSed15258 Status: CLOSED

NCR Class: REL_B0_INFORMAL Project: RelB0_DPS

TO BE FIXED INFORMATION....

VERIFICATION INFORMATION....

Problem Type[*]: unreproducible

Test Status (Pass/Fail)?: P

Recommended Change[*]: unreproducible

Elapsed Test Time (Hrs): 1

Est. Fix Time (Hrs): 1 Verification Site[*]: VATC
Est. Compl. Date (yyymmdd): 980610 Verified Build ID: Drop 4PL
Related NCR ID: N/A Verified Platform ID: t1sps02

CLOSING INFORMATION....

RESOLUTION INFORMATION.... Closing Reason[*]: Reject
Resolution[*]: unreproducible CCR#/NCR#:
Resolved by: nharihar Closing accepted by: cwhitake
Indicate_SLOC[*]: Not Applicable
Num_SLOC: 0
Fixing Time (hrs): 1
Documentation affected (Y/N)? N
Affect CSCI: none
Merge Build Id: Page 2/2

***** Problem *****

The Preallocate step failed in Autosys when running
MODIS PGE08 during informal testing at NSIDC.

The error message is

PID : 11366:MsgLink :0 meaningfulname :PICoDataTypeGetDssUrFromAdvertisingDCEEXCEPTION
Msg: DCE Exeception: Unable to search IOS database for MOD29Getqueryableparameters due to: No
more bindings (dce / rpc) Priority : 2 Time : 05/27/98 15:13:15
PID : 11366:MsgLink :0 meaningfulname :DpPrPcf::GetMCFTemplateFromDSS
Msg: Cannot get Data Server UR from Advertising for dataType MOD29#0 Priority : 3 Time : 05/27/98
15:13:15

Several attempts were made to reinstall the ESDT (MOD29),
bounce the Advertising server, examine the CFG files,
check out DCE, and the like. The error still occurred.

When the PDPS database entry for DataServerUR in table PIDataTypeMaster
was changed from NULL to the real DataServerUR, and the job
was Restarted in AutoSys, the DPR ran to completion successfully.

Two Unix tar files with both Advertising and PDPS
ALOG and Debug log files, and relevant CFG files,
are located in the EDF in directory
/home/toma/nsidc/ncr/missing_dsrv_ur .
(Also in this directory is file database_Before_Clean.tar,
which is a dump of the PDPS database in TS2 before
it was cleaned out. We ran PGE08.)

These logs contain info about both the failed runs
and the final successful run.

nsidc_ncr_TS2.tar contains the files from the failed run in mode TS2.

nsidc_ncr_TS1.tar contains the files from a successful run for
the same PGE in mode TS1.

(In TS1 mode, the DataServerUR was updated in PIDataTypeMaster table
by the end of the PGE run, unlike TS2 where the update was done

manually.)

Note that the SSIT Acquire MCF tool does work when used in TS2 to Acquire the MCF in question outside of AutoSys.

Also: When the TS2 database was cleaned out, PGE08 reregistered, and rerun, this problem did not occur. The MCF was Acquired and the PGE ran.

At this time NSIDC has Drop 4 installed, without the PDPS patch.

Tom A 28-May-98

***** Impact *****

No PGEs will execute at NSIDC.
This problem could also occur at other DAACs.

Tom A 28-May-98

IMPACT....

***** workaround (Added 980602 by toma) *****

Use isql to manually change the dataServerUr value for dataTypeId MOD29 from NULL to the correct value (as given in other entries in that table).

Alternatively, reset the PDPS database to an initial state.

Tom A 28-May-98

***** Analysis (Added 980608 by nharihar) *****

After looking at the log files it looks like the advertising sever was not up or atleast not pingable when this error happened. Needs more analysis to make sure that was the problem.

Since, this problem was not repeatable and has not happened in other modes, I suggest that this problem be downgraded to a severity 3

Update on 06/09/98 by Naga Hariharan

The problem was connecting to the advertising server. The fact that SSIT (which runs from a different machine) was able to connect to advertising server and processing was able to connect in a different mode suggests to me that the local cache on the processing machine for that mode was corrupted. It is unknown (at least to me) why this happens, but problems like this with other servers have been seen many times in the integration lab in the EDF.

The workaround/solution to correct the local cache is to do a ping_by_name from the client host for the affected server.

I suggest that this NCR be closed

***** Resolution *****

Please describe your resolution to this problem:

see analysis enclosure

***** Verification *****

Please describe your verification:

We have seen the same problem in the VATC. The logs do suggest that PDPS could not talk to advertising from n0sps08. This was occurring frequently in Drop 4P because the DCE local and global cache were out of sync. The workaround was to perform a cds ping on the client machine to the server. This will correct the problem. We have not had this problem in the VATC in the subsequent Drops to 4P. It is suggested that this NCR be closed for that reason.

11/18 Updated: DAAC Concurrence

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>Date: Wed, 07 Oct 1998 14:33:12 -0600
>To: sbarrier@eos.hitc.com (Sheila Barriere)
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>>The following NCR needs NSIDC concurrence prior to closing it out. If no
>>response is received, it will be closed on 10/13. It move to the verified

>>state on 9/3.
>>
>>15258
>>
>>thanx
>>sheila
>>

***** Closure *****

Describe the Reason for closing this NCR?

The NCR Board approved closure pending DAAC concurrence. The DAAC has concurred.

***** History *****

xdds 980602 144108 Submitted to RelB0_DPS by toma
xdds 980602 144159 Enclosure "Problem" added by toma
xdds 980602 144228 Enclosure "Impact" added by toma
xdds 980602 144334 Enclosure "workaround.txt" added by toma
xdds 980602 144345 enclosure "workaround.txt" deleted by toma
xdds 980602 144357 Enclosure "workaround" added by toma
xdds 980602 144632 Fields modified by toma
xdds 980602 144725 enclosure "Problem" edited by toma
xdds 980603 151609 N -> A (Assigned-to nharihar) by nharihar
xdds 980608 105554 Enclosure "Analysis" added by nharihar
xdds 980609 102426 enclosure "Analysis" edited by nharihar
xdds 980610 113120 A -> R (Recommend-change = unreproducible) by nharihar
xdds 980610 113159 Enclosure Resolution added by nharihar
xdds 980610 113159 R -> T by nharihar
xdds 980610 114359 Fields modified by elarson
xdds 980901 133012 Enclosure "Verification" added by dpinder
xdds 980901 133013 T -> V by dpinder
xdds 981118 161659 enclosure "Verification" edited by cwhitake
xdds 981118 191213 Enclosure "Closure" added by cwhitake
xdds 981118 191213 V -> C by cwhitake

ECSed18680 Unknown URL for FDS generate reports web page 083198 Please describe the problem you are experiencing below, including what you did, what you expected to happen, and what actually happened:

When attempting to use the reports utility web page, an unknown URL message appears when selecting the FDS report option.

Additional information provided by Rory Casey via e-mail 8/24/98:

The workaround is to manually audit the Sybase validation log. Operational impact- due to the size of the log, this is an arduous task, and an error message could be missed.

ECSed18644 FDF Product Validation is incomplete 093098
According to Kevin Work (FOT), Thruster Firings happen in pairs anyway and there are other ways of verifying the other items.

Recommend downgrade to level 2, as a workaround exists.

- Hardy Foster (via ccMail)

ECSed13529 Separate login needed to monitor SQS thread 032698 I created login and userid sqs_mon, and granted it sa_role authority.

The above is a workaround. To fix this problem, a modification to the database installation script to include the creation of a user to monitor SQS. The decision of this BUG modification is to be decided on or about 4/10/98. modified by ematthew on 4/6/98.

From John Cockey: I believe it's been OBE. I think this NCR was put in because there wasn't a good way to monitor the Spatial Query Server's own connection to Sybase. In other words, if Sybase is restarted (it's been done many times), SQS's connections are lost. When SQS is started with the "sqs_sa", these connections can easily be monitored thru ISQL. Prior to this change, SQS was being started with the Sybase "sa" a login and since Sybase uses this account internally to perform its own internal maintenance (these sessions come and go as Sybase needs them) the DAAC could not monitor the SQS connections directly/with confidence. There is an approved CCR out there mandating this be done (as "sqs_sa") at the DAACs - so i think this NCR can be verified and closed as such. Hope that helps. -John
added by ematthew On 11/20/98

ECSed19270 UserAcctMgtGUI - No print box for Create Profile User Action 112398
IMPACT....

Adds to User Services workload to do workaround.

ECSed19020 Subscription ID number is missing from the SUBSCRIPTION NOTIFICATION 110598
In order for the DAAC to perform any editing/deletions/tracking for the subscription by using the ECS Subscription GUI, The USER and the DAAC both require the Subscription ID number to be written by ECS into the SUBSCRIPTION NOTICE, otherwise, subscriptions can not be deleted or edited; problem subscription emailings will be very difficult to trace, rectify, or remove. The Subscription ID number needs to be written by ECS for error/revision/deletions to the subscription. If a user requests that the DAAC delete/modify/query a subscription, or identify a problem subscription, based on the subscription notification, how can the user, or even the DAAC, identify which subscription sent the note? The event ID would also help narrow down the subscription, too.

The Subscription GUI editor uses Subscription ID as the identifier, so the SUBSCRIPTION NOTICE must contain the

subscription ID. The DAAC can not enter an ID number into the user specified text field at the time the subscription is created because the ID number has not yet been assigned by ECS! The Subscription server MUST send out the Subscription ID with the Notification because it is a REQUIREMENT that subscriptions be managed by ECS. It is critical to get the information in the ECS system into the output product called Subscription Notification. If an alleged information system called ECS does not even allow an ID number to be sent with a product, then it is not even the most basic information system. There is no workaround other than writing the information into the message. If the problem is unsolved the DAAC will not be able to service subscriptions.

A functional Subscription email satisfying the requirements with a descriptive Subject line and specific contents with qualifiers would be-

Subject- ECS Subscription Notification for INSERT of MOD01
Date- Wed, 19 Aug 1998 17-08-36 -0400
From- cmshared@g0ins01u "CM SHARED "CM Code Delivery"
To- rbuss@gsfcsrvr4.gsfcmo.ecs.nasa.gov

SUBSCRIPTION ID 99 FOR USER rbuss to event ID 324 of MOD01.001-INSERT qualified by LocalGranuleID
!= Missing

LocalGranuleID = MOD01.A1997217.1725.001.1998294150732.hdf

"user specified" this is to ingest MOD01 -
UR-10-DsShESDTUR-UR-15-DsShSciServerUR-13-[GSF-DSSDSRV]-17-SC-MOD01.001-1282

=====

Note that the revision line suggested for this NCR-

SUBSCRIPTION ID 99 FOR USER rbuss to event ID 324 of MOD01.001-INSERT qualified by LocalGranuleID
!= Missing

would contain the Subscription ID number, user name, event ID, event name, and qualifier info. because these all identify the subscription.

ECSed19275 Default values for User Registration web pages are incorrect 112398 IMPACT....

User is unable to go from the ECS Home page, Choose a Home DAAC page to the individual DAAC's User Registration home pages. User must manually type in the correct URL into Netscape in order to go there (simple workaround).

See detailed instructions below...

Author: Guy Swope at 11-ecs-0

Date: 11/20/98 6:51 PM
Priority: Normal
TO: Douglas K McCartney at 11-ECS-2
TO: r.h.sailey@larc.nasa.gov at internet-mail
TO: w.c.bolden@larc.nasa.gov at internet-mail
CC: Lynne M Case
CC: Kangmin Zheng at 11-ECS-1
CC: Ramana Pathipati at 11-ECS-4
CC: Jonson Marin
CC: Emmanuel Lamptey at 11-ECS-4
CC: William III Johnson
CC: Lisa Purvis
CC: Pamela Johnson
Subject: Fixing IOS to User Registration links

----- Message Contents -----

Doug, Rick,

There are 2 ways in which you can now perform the modifications necessary to fix the links from the IOS User Registration Choose a Home DAAC web page.

First Solution (quickest and dirtiest).

- 1) cd /ecs/formal/<MODE>/WWW/IOS
- 2) edit the EcsChooseDAAC.html file with your favorite editor
- 3) Change the strings that specify the bad DAAC User registration URLs with the good User Registration URLs (be careful only to change between the quotes). There will be 2 places for each (one after a HREF and one each on lines starting with "area shape=") for a total of 8 lines changed, and you will either be replacing a URL that looks similar to the ones below, or something that looks like \$EdcUr. The specific line numbers you should be changing with each is shown below along with the good URLs.

The good URLs are:

for LARC (EcsChooseDAAC.html line #'s 98 and 162)

<http://l0ins02u.ecs.nasa.gov:10600/cgi-bin/CLS/EcCIWbUr?action=request>

for GSFC (EcsChooseDAAC.html line #'s 86 and 161)

<http://g0ins02u.ecs.nasa.gov:10600/cgi-bin/CLS/EcCIWbUr?action=request>

for EDC (EcsChooseDAAC.html line #'s 80 and 160)

<http://e0ins02u.ecs.nasa.gov:10600/cgi-bin/CLS/EcCIWbUr?action=request>

for NSIDC (EcsChooseDAAC.html line #'s 104 and 163)

<http://n0ins02u.ecs.nasa.gov:10600/cgi-bin/CLS/EcCIWbUr?action=request>

- 4) Shut down Netscape and try re-running it. (I ask you to shut down to make sure it forces a reload of the web page and doesn't accidentally

use a previously loaded page.

5) Then try selecting one of the DAACs from the "DAACs by Region" imagemap.

Second Solution (you may balk)

1) Re-install IOS - (NO mkcfg, or db or cds stuff). This will copy in fresh .html files (our actual goal here with this step).

2) From the Extension pulldown menu on EcCoAssist, run EcIoAdReplaceHtml. When they bring up the dialog where you can specify the URLs for the user registration pages, use the values I noted above - as these are the correct values!

3) Once this is run, go to the /usr/ecs/<mode>/CUSTOM/bin/IOS directory and run the script, ReplaceHtml, that was produced. This script will update some html files by placing those CLS user registration URLs into them.

4) Shut down Netscape and try re-running it. (I ask you to shut down to make sure it forces a reload of the web page and doesn't accidentally use a previously loaded page)

5) Then try selecting one of the DAACs from the "DAACs by Region" imagemap.

Let me know how it goes.

Guy
301-925-0515
gswope@eos.hitc.com

ps - I am going to write an NCR against us to provide accurate default values so you won't have to put them in by hand, but at least we can get those fixed.

ECSed19282 LIM problem with Temporal and Spatial search constraints 112398
IMPACT....

Jest searches that have to go to the LIM will not work. The workaround is to only use MOJO.

ECSed17392 Cannot start servers at component level 082598 When we tried to start servers at component level, got an error message in a pop up box, that the startup script does not exist. But, as a workaround, we were able to bring up the servers at application level.

The affected server is g0ins02

ECSed18406 Install/Toolkit: Sym links missing on science processor 100998 Upon further investigation it was found that there is a problem in a toolkit installation script that requires a very laborous manual workaround. This NCR is being forwarded back to toolkit so that the script will be fixed.

CWT 11/23/98
ECSed19290 Fatal Error from EOSView 112398
PROBLEM DESCRIPTION....

When bringing up EOSView, the following error occurred:

EOSView: fatal: libMrm.so.3: can't open file: errno=2

A workaround exists at VATC but not at the DAACs.

Jack Tsou
11/23/98

ECSed18957 JESS: server.cfg has wrong price information on install 110398 The price for the L7 scene data is incorrect on installation. It has a \$ in the price when it doesn't need one. Need to change the mkcfg file to include the correct price.

The workaround is to change the configuration file after the installation.

ECSed19191 L2ETS Fails To Trigger After AST_09T Insert By L1ACT 111898 Please describe your Analysis:

When designing ad-hoc reprocessing the assumption was made that no user would ever want to run both the initial PR and the ad-hoc reprocessing PR simultaneously in DPS.

Workaround:

The workaround for this problem is to run the two PRs in DPS separately by submitting them in different plans. The first PR must be allowed to finish before the second is created. Once the first PR is finished, the second should be created and submitted to DPS.

GJC
x4122

ECSed16509 EcDmDimLimStart:EcDmDimServerStart should be removed from startup script 072998
PROBLEM DESCRIPTION....

When bringing up the DMS Servers via ECSAssist error messages are received regarding "EcDmDimServerStart does not exist". EcDmDimServer is scheduled for a later release.

Until EcDmDimServer is delivered it should be removed from the START_SCRIPTS list in EcDmDimLimStart to workaround this problem.

ECSed12565 Need To Run Same PGE With Same Data In All Modes 022798
Autosys can be mode independent, which means different modes share the same autosys database. If multiple modes attempt to run dprs which have the same dprId, an error (duplicate entry) will occur in autosys database.

As long as the dprId that is generated by Planning (Production Request Editor) is unique across modes, the above error can be avoided and that will make a single instance of autosys support multiple modes.

The dprId is currently created from the following format:

PGENAME#PGEVERSION#PROFILEDATASTARTTIME

PGENAME is a char string (max 10 chars)

PGEVERSION is a char string (max 5 chars)

PROFILE is a two digit integer (00 - 99)

DATASTARTTIME is a char string (12 char) which represents the start time of data. The format is MMDDYYHHMMSS

The dprId is a 29 char string.

Note: If PGENAME is 10 char long then the dprId will not contain the first # sign. If PGEVERSION is 5 char long then dprId will not contain the second # sign.

Autosys has a limitation of 30 char for any job. The job id (for the job box) in Autosys is the same as dprId. The difference in char length (30 for autosys job id and 29 for dprId is used to uniquely identify the different jobs that make up the job box)

To generate different dprIds (hence different jobIds in autosys) from different modes there are several workarounds.

1. Let PGENAME be unique (across diff modes)
2. Make PGEVERSION unique (Across diff modes)
3. Make PGEPROFILE unque (Across diff modes)
4. Different data start times (for the same pgename, version, profile combination) will result in different dprIds.

Note that none of the above solutions require a code change.

If none of the above solutions is feasible then Planning can add a mode unique identifier to the dprId. This will require code changes and will probably be difficult to implement, given that Autosys has a 30 char limit on jobId.

ECSed17398 Unable to launch server on g0pls02 from component level. 082598 Error received while starting server:

Warning: File /usr/ecs/OPS/CUSTOM/utilities/EcPIStart does not exist or is not executable, ignoring.

The above file does not exist. The result is that the server

can not be started at the component level. The workaround is to start the server at the application level.

ECSed19342 V0 Gateway needs to allow ECSGuest to acquire L7 data 112598 When trying to acquire L7 data via the BOSOT, users are unable to do

so because the request gets rejected if a User Profile cannot be found in the User Profile server. This is correct except when the user is making the request as ECSGuest. In that case, the request should be allowed to continue through the L7 Billing & Accounting workaround and onto EDC's B&A DORRAN system where they will determine on whether or not to reject the order based on the information the user entered.

ECSed15414 AutoSys will not allow PGEs to run concurrently on seperate modes 060998 NCR ID:

ECSed12565 Status: CLOSED Submit Date: 980227

NCR Class: REL_B0_INFORMAL Project: RelB0_DPS Enclosures: 10

NCR TITLE....

Need To Run Same PGE With Same Data In All Modes

DETECTION INFORMATION....

Build Name[*]: Patch 3.02
Test Site[*]: LaRC DAAC
Detection Method[*]: Release_I&T
Detected-In-Phase[*]: Installation
Build ID:
Test Case ID:
Platform ID: pls, sps
Severity (1=Showstopper)[*]: 3
Need fix by [*]: Emergency
Mode [*]: TS1
Trouble Ticket:

REVIEW-ASSIGN INFORMATION....

Evaluate Engineer: mbopf
Assigned To: mbopf
Iteration [*]: Drop 4PX

SUBMITTER INFORMATION....

Submitter: llee

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NCR ID: ECSed12565 Status: CLOSED

NCR Class: REL_B0_INFORMAL Project: RelB0_DPS

TO BE FIXED INFORMATION....

Problem Type[*]: source code
Recommended Change[*]: source code
Est. Fix Time (Hrs): 5
Est. Compl. Date (yymmdd): 980313
Related NCR ID: N/A

VERIFICATION INFORMATION....

Test Status (Pass/Fail)?: P
Elapsed Test Time (Hrs): 1
Verification Site[*]: VATC
Verified Build ID: Drop 4PX
Verified Platform ID: pls, sps

CLOSING INFORMATION....

RESOLUTION INFORMATION....

Resolution[*]: source code
Resolved by: mbopf
Indicate_SLOC[*]: Modified

Closing Reason[*]: Fixed

CCR#/NCR#:
Closing accepted by: cwhitake

Num_SLOC: 50
Fixing Time (hrs): 18
Documentation affected (Y/N)? N
Affect CSCI: PLANG
Merge Build Id: N980729005

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***** Problem *****

PROBLEM DESCRIPTION....

The system will not support running the same PGE using the same data date and time in all three modes.

At the current time, the Data Processing Request ID (DPR ID) created by the system contains the PGE name and version, and the data date and time boundary. The DPR ID has no mode-specific components.

The AutoSys job scheduling product is not mode aware, and runs off of a single AutoSys database. All DPR IDs for all modes are in this single database, and DPR IDs cannot be duplicated.

This means that once a job has been run using a particular PGE and a particular set of data in one mode, it cannot be run again in another mode.

The necessity to run the same PGE with the same data in all three modes (and multiple times in any mode) is an ongoing processing and testing requirement.

***** Impact *****

IMPACT....

Impacts SSI&T, mode verification, malfunction analysis, and production processing.

***** WORKAROUND (Added 980304 by nharihar) *****

Autosys can be mode independent, which means different modes share the same autosys database. If multiple modes attempt to run dprs which have the same dprId, an error (duplicate entry) will occur in autosys database.

As long as the dprId that is generated by Planning (Production Request Editor) is unique across modes, the above error can be avoided and that will make a single instance of autosys support multiple modes.

The dprId is currently created from the following format:

PGENAME#PGEVERSION#PROFILEDATASTARTTIME

PGENAME is a char string (max 10 chars)

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PROFILE is a two digit integer (00 - 99)

DATASTARTTIME is a char string (12 char) which represents the start time of data. The format is MMDDYYHHMMSS

The dprId is a 29 char string.

Note: If PGENAME is 10 char long then the dprId will not contain the first # sign. If PGEVERSION is 5 char long then dprId will not contain the second # sign.

Autosys has a limitation of 30 char for any job. The job id (for the job box) in Autosys is the same as dprId. The difference in char length (30 for autosys job id and 29 for dprId is used to uniquely identify the different jobs that make up the job box)

To generate different dprIds (hence different jobIds in autosys) from different modes there are several workarounds.

1. Let PGENAME be unique (across diff modes)
2. Make PGEVERSION unique (Across diff modes)
3. Make PGEPROFILE unque (Across diff modes)
4. Different data start times (for the same pgename, version, profile combination) will result in different dprIds.

Note that none of the above solutions require a code change.

If none of the above solutions is feasible then Planning can add a mode unique identifier to the dprId. This will require code changes and will probably be difficult to implement, given that Autosys has a 30 char limit on jobId.

***** Analysis *****

Please describe your Analysis:

Naga and Mike Bopf discussed this issue, and we decided that the easiest short-term solution would be to added the mode to the DprId. This will require 8 more characters, however, since we won't be able to tell in the Production Request Editor (which creates the DprIds) whether or not there is a collision with another mode. This is somewhat of a problem since the DprId

is currently constrained by AutoSys to 29 characters (DPS *assumes* that the DprId and the AutoSys Jobname are identical). However, we had 8 characters reserved for the TileId, and we will simply use them for now. We may revisit this when we integrate Tiling, but nothing will break in tiling, there will simply be a unique tag stuck on the end for the Tiling DPRs.

***** Workaround for PDPS Patch (Added 980609 by nharihar) *****
Woraround for versions PDPS Patch and after:

DprID is constructed as follows:

The first six characters of pgeID followed by an optional tileId, followed by data start time and a three character random tag. The random tag is used only when there is a similar dprId that exists in that mode. There is no awareness of other modes. (which is the problem--the fix will be to add the ability to check all modes for identical dprIDs and add a random tag, so that there is uniqueness of dprIDs across all modes.) The data start time consists of only the relevant parts of the time. For example a snapshot pge (like ASTER's ACT) will contain only the seconds and the minutes.

The workaround specified in the "WORKAROUND" does not apply to versions PDPS Patch and beyond.

Possible workaround:

1. Change the PGE name (first six characters only)
2. After the Activation of a DPR fails because of a duplicate jobId, create another dpr from the Production request editor with Adhoc ReProcessing as the processing type.
3. Changing the time range in the production request editor may not work.

The 3 character unique tag lowers the occurrence of this problem. Combined with the relatively easy workaround (No 2 in the above list), the severity of this problem should be downgraded to 3.

Naga Hariharan

***** Resolution *****

Please describe your resolution to this problem:

Modified the dprId of PIDpr to include the mode. This dprId is used to create the Autosys Jobname; therefore, if two DPRs are duplicates of one another except for the mode, they will be distinguished by this field. This will cause them not to collide, and the JIL Failure will not occur.

***** Previous Merge Build IDs *****

Please enter any related Merge Build ID(s) information:

- 1)
- 2)
- 3)
- 4)

***** Verification *****

Please describe your verification:

Put in Production Requests and activated them into Autosys. All had the mode appended to their name. Thus, the same PGE can be run in different modes.

-- M. Mauthe

Added 11/3/98 - Atlee Whiteleather

We have run the same PGE's in all three modes in the VATC with no problems. As Mike stated, the MODE is used in the DPR name, thus there is no conflict with the DPR names in Autosys.

The PGEs that were run are the checkout PGE's ACT and ETS, as well as several of the synthetic test PGEs that we normally test with.

>X-Sender: b.k.engle@express.larc.nasa.gov
>Date: Sat, 21 Nov 1998 14:46:32 -0500
>To: LaVerne Jackson <ljackson@eos.hitc.com>
>From: "Brian K. Engle" <b.k.engle@larc.nasa.gov>
>Subject: Re: NCR require DAAC concurrence
>Cc: ncrboard@ecs.larc.nasa.gov
>
>Concurrence is given by LaRC for the following NCRs:
>
>12565
>
>17500
>
>

***** Move back to T (Added 981103 by ljackson) *****
NCR Board 11/03/98 - Moved back to T state for VATC testing by Test Org.

11/5: A second verification update was made after the Board meeting, so the NCR has been returned to the V state. (C.Whitaker)

***** Closure *****
Describe the Reason for closing this NCR?
Closure NCR Board 11/25/98

***** History *****

xddts 980227 124952 Submitted to RelB0_DPS by llee
xddts 980227 130833 Enclosure "Problem" added by llee
xddts 980227 130948 Enclosure "Impact" added by llee
xddts 980304 135127 N -> A (Assigned-to nharihar) by nharihar
xddts 980304 150651 Enclosure "WORKAROUND" added by nharihar
xddts 980310 182518 Enclosure "Analysis" added by nharihar
xddts 980310 182518 A -> R (Recommend-change = source code) by nharihar
xddts 980609 172345 enclosure "Analysis" edited by nharihar
xddts 980609 175555 Enclosure "Workaround for PDPS Patch" added by nharihar
xddts 980617 114125 enclosure "Workaround for PDPS Patch" edited by elarson
xddts 980706 192130 R -> A (Assigned-to kmensch) by nharihar
xddts 980706 192518 Enclosure "Temporary Solution" added by nharihar
xddts 980709 172410 Fields modified by mbopf
xddts 980709 172432 A -> R (Recommend-change = source code) by mbopf
xddts 980709 173236 enclosure "Analysis" edited by mbopf
xddts 980709 173309 enclosure "Temporary Solution" deleted by mbopf
xddts 980720 173116 Fields modified by elarson
xddts 980721 143137 Fields modified by sbarrier
xddts 980729 203528 Enclosure Resolution added by mbopf
xddts 980729 203528 R -> T by mbopf
xddts 980805 190114 Enclosure Previous Merge Build IDs added by mbopf
xddts 980805 190114 T -> T by usrdev04
xddts 981030 192624 Enclosure "Verification" added by mmauthe
xddts 981030 192624 T -> V by mmauthe
xddts 981103 120241 enclosure "Verification" edited by awhitele
xddts 981103 215325 V -> T by ljackson
xddts 981103 215500 Enclosure "Move back to T" added by ljackson
xddts 981105 162303 T -> V by cwhitake
xddts 981105 162501 enclosure "Move back to T" edited by cwhitake
xddts 981105 185343 Fields modified by awhitele
xddts 981105 185412 V -> V by awhitele
xddts 981105 185530 enclosure "Verification" edited by awhitele
xddts 981124 154148 enclosure "Verification" edited by cwhitake
xddts 981125 124502 Enclosure "Closure" added by cwhitake

xddts 981125 124502 V -> C by sbarrier

ECSEd16949 EcDmDimServerStart Script Not Found 081198 NCR ID: ECSEd16509
Status: ASSIGNED-TEST Submit Date: 980729
NCR Class: REL_B0_INFORMAL Project: RelB0_DMS Enclosures: 9

NCR TITLE....

EcDmDimLimStart:EcDmDimServerStart should be removed from startup script

DETECTION INFORMATION....

REVIEW-ASSIGN INFORMATION....

Build Name[*]: Drop 4P Landsat Evaluate Engineer: gswope
Test Site[*]: VATC Assigned To: wyu
Detection Method[*]: Planned Test Iteration [*]: Drop 4PY
Detected-In-Phase[*]: Installation
Build ID: DROP4PL_sun5.5
Test Case ID:
Platform ID: t1ins01
Severity (1=Showstopper)[*]: 2
Need fix by [*]: Emergency
Mode [*]: TS2
Trouble Ticket:

SUBMITTER INFORMATION....

Submitter: nwoodson

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NCR ID: ECSEd16509 Status: ASSIGNED-TEST
NCR Class: REL_B0_INFORMAL Project: RelB0_DMS

TO BE FIXED INFORMATION....

Problem Type[*]: source code
Recommended Change[*]: source code
Est. Fix Time (Hrs): 1
Est. Compl. Date (yymmdd): 980803
Related NCR ID: N/A

RESOLUTION INFORMATION....

Resolution[*]: source code
Resolved by: wyu
Indicate_SLOC[*]: Modified
Num_SLOC: 1
Fixing Time (hrs): 1
Documentation affected (Y/N)? N
Affect CSCI: LIMGR
Merge Build Id: N980925002

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***** Problem *****

PROBLEM DESCRIPTION....

When bringing up the DMS Servers via ECSAssist error messages are received regarding "EcDmDimServerStart does not exist". EcDmDimServer is scheduled for a later release.

Until EcDmDimServer is delivered it should be removed from the START_SCRIPTS list in EcDmDimLimStart to workaround this problem.

***** Impact *****

IMPACT...

EcDmDimServerStart was removed from the START_SCRIPTS list in EcDmDimLimStart script in the utilities directory.

Now the EcDmLimServer can be brought up.

***** Analysis *****

EcDmDimServer is not needed to start now, the EcDmDimServerStart script should be removed from the START_SCRIPTS list in EcDmStart.

EcDmDimServer is not needed to start now, the EcDmDimServerStart script should be removed from the /ecs/formal/DM/scripts/EcDmDimLimAppStart.

***** Resolution *****

EcDmDimServerStart is removed from the START_SCRIPTS list in EcDmStart.

EcDmDimServerStart is removed from /ecs/formal/DM/scripts/EcDmDimLimAppStart.

***** Previous Merge Build IDs *****

Please enter any related Merge Build ID(s) information:

1)M980803014

2)M980803015

3)

4)

***** MOVE TO FUTURE PATCH (Added 980922 by elampety) *****
This fix did not make 4pXbeta patch. Please move iteration to 4PY..

***** Analysis2 (Added 981124 by tjackson) *****
Checking on t1ins01 in OPS mode shows
that the call to EcDmDimServerStart
is still in the start up script and
generates the same error.

***** Verification *****
Please describe your verification:

This NCR has been fixed, tested, and merged to the 5A baseline.
Now it is merged to the 4PY baseline.

***** Statechg info (Added 981130 by sbarrier) *****
Moved back to "T" state. Should be tested by some test organization.

***** History *****
xdds 980729 170746 Submitted to RelB0_DMS by nwoodson
xdds 980729 171108 Enclosure "Problem" added by nwoodson
xdds 980729 171257 Enclosure "Impact" added by nwoodson
xdds 980730 084540 N -> A (Assigned-to wyu) by gswope
xdds 980731 115541 Fields modified by sbarrier
xdds 980803 102800 Enclosure "Analysis" added by gswope
xdds 980803 102800 A -> R (Recommend-change = source code) by wyu
xdds 980803 103045 Enclosure Resolution added by wyu
xdds 980803 103046 R -> T by wyu
xdds 980803 105256 enclosure "Analysis" edited by wyu
xdds 980803 105335 enclosure "Resolution" edited by wyu
xdds 980810 135036 A -> R (Recommend-change = source code) by wyu
xdds 980810 135100 Enclosure Previous Merge Build IDs added by wyu
xdds 980810 135100 R -> T by wyu
xdds 980810 135233 enclosure "Previous Merge Build IDs" edited by wyu
xdds 980811 174154 T -> T by usrdev04
xdds 980902 191334 Fields modified by jboliek
xdds 980902 191354 T -> T by jboliek
xdds 980922 165715 Enclosure "MOVE TO FUTURE PATCH" added by elampety
xdds 980923 123803 T -> R (Recommend-change = source code) by gswope
xdds 980923 143653 R -> T by wyu

xddts 980923 144240 enclosure "Resolution" edited by wyu
xddts 980923 144427 enclosure "Analysis" edited by wyu
bugs 980928 111102 Fields modified by elampzey
bugs 980928 111111 Fields modified by elampzey
bugs 980928 111119 Fields modified by elampzey
xddts 981025 162217 T -> T by jboliek
xddts 981124 160326 Enclosure "Analysis2" added by tjackson
xddts 981124 182019 A -> R (Recommend-change = source code) by wyu
xddts 981124 182029 R -> T by wyu
xddts 981124 184204 Enclosure "Verification" added by wyu
xddts 981124 184204 T -> V by wyu
xddts 981130 131035 V -> T by sbarrier
xddts 981130 131835 Enclosure "Statechg info" added by sbarrier
xddts 981130 131922 Fields modified by sbarrier

ECSed19303 L2ETS Fails To Trigger After AST_09T Insert By L1ACT 111898 Please describe your Analysis:

When designing ad-hoc reprocessing the assumption was made that no user would ever want to run both the initial PR and the ad-hoc reprocessing PR simultaneously in DPS.

Workaround:

The workaround for this problem is to run the two PRs in DPS separately by submitting them in different plans. The first PR must be allowed to finish before the second is submitted to DPS.

GJC
x4122

Added on 12/01/98 by Dawei Qian:

I am been working on this issue for almost a week. The information I collected is as follows:

1. I tested the same drop version on both MiniDAAC and VATC without the problems they claimed. So I first guess was the their DCE configuration has problems. So I suggested them to bounce the servers and re-register PDPS Subscription Manager server CDS entry. According to Lucy Lee, they have done this, and it did not help.

2. According to the error log I got from LARC, I located the place that Subscription Server logged errors. It is caused by Message Passing server could not initialize an Rpc handle to Subscription Manager. There was a DCE error on this. I checked Subscription Server database and PDPS Subscription Manager entry on LARC, their states are not stable. For example, Lucy Lee said that she could find Subscription Manager (created by PDPS) through CDS browser, But this morning when I logged in, that entry was gone. She said no body removed it. The same thing happens to subscriptions they submitted through Subscription Manager.

3. This morning, Lucy Lee said that she could not submit and new subscriptions. But I checked the logs and found that SDSRV was talking with us.

At this point, my suggestion is: Do the tests by following all necessary steps (including clean up PDPS associated database and CDS entries). I have asked PDPS subscription manager people to call Lucy Lee and help her check every necessary environment setup and cleanups to narrow the problem. And I am tracing the result.