

CERES Systems Engineering Committee

Members: Tammy Ayers, SSAI (DM)
Denise Cooper, SSAI (DM)
Tonya Davenport, SSAI (ASDC)
Vertley Hopson, SSAI (ASDC)
Lisa Link, SSAI (ASDC)
Walt Miller, SSAI (DM)
Sue Sorlie, SSAI (ASDC)
Scott Zentz, chair, SSAI (DM)

Charter: Serve as a forum for resolving issues which affect more than one working group. Report to the CERES Data Management Team.

August 18, 2009 @ 3:00

Tonya Davenport, Sue Sorlie, Denise Cooper, Tammy Ayers, Walt Miller, and Scott Zentz were in attendance.

Topics Discussed:

1. Are there any new members we would like to see added to the committee?

Tom Caldwell and a representative from the AMI admin staff will be added to the team. Sue will discuss this matter with Caroline Rasmussen to choose someone from her staff or herself to join the committee.

2. Is it possible for SSIT and production team personnel to adjust to a scenario in which a UNIX environment variable will need to be set when running previously compiled executables under TK5.2.15 in the new TK5.2.16 environment?

In order for TK5.2.15 compiled executables to run in a TK5.2.16 this command will need to be executed:

```
setenv LD_LIBRARY_PATH "/usr/local/lib64:$PGSDIR/hdf5/$BRAND/  
hdf5-1.6.7/lib:$PGSDIR/hdf/$BRAND/HDF4.2r3/lib:$PGSDIR/zip/$BRAND/  
zip-2.1/lib"
```

The consensus of Tonya and Sue was that this would not be an issue if information was provided to them detailing which PGEs needed such action. Tammy has agreed to supply this information as a document that is updated for each delivery as needed. The contents of this document will simply be a list of PGEs and what toolkit they were compiled with.

3. How can we make sure we don't have any more issues come up involving the unlimit command?

Since most PGEs require unlimit to be set on AMI and Magneto and the fact that having unlimit set will not adversely effect any other PGEs, SSIT has agreed to set this in their login script to ensure it is always set. Similar actions will be needed for production. Tammy already does this.

4. An "MOU" was requested by Erika...

Denise has already written up a portion of a document detailing expectations placed on the users in preparation for their first AMI deliveries. This will be expanded to include the SSIT directory structure, more changes to the PCF creation script to facilitate the use of SGE in SSIT testing and production, and standardizing exit codes and their meanings. Thoughts on how to handle expected output with respect to the different architectures will also be added to the existing document. We hope to have a rough draft done by the end of next week (Friday 28th), with a final draft being agreed to before Denise's first AMI delivery.

Meeting adjourned @ 4.00pm