

Kickoff Minutes Thursday July 15, 2010

Attendees: Joanne Bogart, Anders Borgland, Richard Dubois, Tom Glanzman, Tony Johnson, Heather Kelly, Kim Lo, Chuck Patterson, Leon Rochester, Tom Stephens, Tracy Usher

General Items

We have Tracy today and Friday. Jim Chiang, Toby, and possibly Eric Winter will be available Monday through Wednesday.

SCons Items

Windows support

- Plan to talk to Tracy & Leon to go over Joanne's concerns and to see how to proceed.
- Discussion with SCS this morning revealed their plan to migrate to Win 7 by end of the year. Also a strong suggestion to just move to VC++ 2010 rather than 2008.
- At Richard's request, SCS will help spec out a new set of win boxes with windows server 2008 along with enough local disk to run builds in place.
- Windows user and developer releases are about there. The Win-admins have mounted u35 for the glast account and Tom is testing.
- Tom S will turn on VC90 builds in SCons RM.
- Tom S asked if a win version of the command line installer was necessary. He would have to add in support for zip files. No one seemed all that interested.

Snow Leopard

- Kim is working on building xerces 2.8.0 using Eric Winter's list of patches. So far no luck. We will ask Eric to send along his build of xerces, and perhaps we can just use that.
- Joanne will start to consider xerces 3.1.1 to see what is involved in upgrading - but that is by no means a high priority at the moment.
- Tom S reports that starting Snow Leopard builds in the SCons RM should be a few entries in the data base tables and we can start testing.

ST

- Need to determine when we can shut down the ST CMT Build
- Talk to Warren about ft2Util to make sure he can continue builds without a CMT version of ST
- Heather wondered if there's anything required for ASP and RSP?
- Jim C has test ASP, and is waiting to try things out in production. Tom G reports he has been using the SCons version of ST since last summer in the pipeline, there are no issues associated with RSP at this point.

CHS

- Jim Panetta has given the green light for us to shut down the CHS CMT builds at will. Will do so when we shut down ST CMT builds.

GR

- Will have discussion concerning OBF with FSW crew - hopefully tomorrow
 - Heather asked if it is time to consider further the idea of pulling OBF out of GR. Tracy wonders how that would work for MC. It just seems clear FSW crew does not have the time to address the issue right now. Perhaps more will become clear tomorrow.
- Joanne continues to have trouble linking ldfReader on Windows due to declspec errors. She will take advantage of Heather and Tom's presence. (In fact this is now already fixed by including the _WIN32_LDF_STATIC define)

Tag Collecting and Triggering builds post-CMT

- Joanne has set up scheme using a file similar to CMT requirements that lists the packages. Joanne needs to complete her testing using a fake container. Tag collecting will be done by hand rather than using the RMViewer interface for now - that suits Jim and Heather just fine.

RMII Web Page

- Tom G asked if we have a link to RMII on the glast-ground page.
- We will have a chat with Karen when Jim is in town to discuss outstanding updates to the RM II web pages.
- Tom S was formally introduced to Karen, and we hope that this week provides an opportunity for him to explain the DB content to Karen so she can display more summary information about the builds further up the food chain in the pages.

Pass 8

- Geant4 upgrade held off until an issue with double deletions at the end of the GR jobs is sorted out. (This sounds very familiar!)
 - Francesco is working on verification.
 - Tracy would like to just upgrade at GR HEAD to promote wider testing
- Leon is working on updating the geometry
 - He suggests creating a new directory separate from the old geometry.

- The new geometry is married to the updated alignment in the calibrations. The current plan is to introduce a new flavor in the calibrations.
- Anders also asked if this was a good moment to drop use of the OktoberFest calibration and move to the flight version.
 - Leon responded that there is very little use of the calibration in MC, for example TKR likely only worries about dead strips. Leon also wondered about introducing a new flavor for MC.

Event Display discussion set for 3 PM Friday with Tony

- To address concerns about our ever growing list of event displays, support, and speed issues on Windows.
- Tony requests of list of areas to address and then determine the best way to proceed.

Pass 7

- Tom reports that the reprocessing work continues. New xrootd issues have been revealed.
- Tom asks about the possibility of pipeline interface changes to provide more flexibility. Tony, Tom and Dan will likely have a discussion soon to see what can be done.

L1Proc

- Johann reports he has a new GCRCalib tag. Anders wonders how the update was implemented to use the FSW version of the variables. Further testing is required and then there will be a new L1proc tag.
- Heather asked about plans to upgrade L1proc from the v15r47 branch. Anders responded that after Pass 7 reprocessing, there will likely be a move.

Workbook

- Chuck and Heather have already started to discuss Chuck's efforts to migrate from CMT in the workbook.
- Externals listing for ST and GR versions is out of date. We're not aware that anyone uses this page any more. We'll send an email out to the general software list to see if anyone really desires to see this page continue.