Core Week July 2010

Dates: Thursday, July 15 - Wednesday, July 21

Closeout Wednesday July 21, 2010 3PM

- CMT Builds
    - Kim cleared out hanging builds (mostly on VC8)
    - u09 continues to be rather full, holding at 93%
    - SCons HEAD builds are not being triggered since cmt tagger doesn't appear to be applying SCons-style tags
- Wired
    - Tony has a list of JIRAs
    - Tony has provided a way to pass in an ior file to Wired - so we can start up Gleam and fire up Wired as we do Fred
    - Pass 7 branch and GR HEAD have all patches necessary to run Wired
    - Tom has offered to help address issues in the near term
- SCons
    - ST
        - Python 2.6.5 and ROOT v5.26.00a-gl3 will be included in the next tag
        - sourcelike has been removed from HEAD and LATEST
        - cfitsio upgrade is still pending input from James P.
    - ft2Util (and TestReport)
        - Jim C. has revised fitsgen to remove all ST references, save embed_python. Now both will be ingested into GR. This will limit ft2Util and TestReport to depend upon GR only and not ST, avoiding the ongoing issues with maintaining the correct set of package versions for ft2Util and TestReport builds
    - GR
        - Reached agreement with L1proc that we will Sconsify Pass 7 branch, where L1proc will likely move to in a month or so.
        - Upgrade to Python 2.6.5 and ROOT v5.26.00a-gl3 needed in L1proc and Pass 7 branch
        - FSW work on OBF continues - we will check in Oct/Dec
        - Joanne has reorganized existing OBF and it seems to be allowing builds
        - G4HadronSim will disappear with new G4 upgrade (this is helpful to VS users where VS disliked the large number of files in the project)
        - Geant4 Upgrade - Francesco is getting back to this now
    - Windows
        - Automated user/developer releases are now fully functional, where the F: drive has been mapped to u35
        - Trouble with VC90 builds -
        - There is a new VM with Win 7 and VS 2008 and 2010 installed for our testing
        - Richard will purchase one new nifty windows box for future automated builds
        - Workbook doc for SCons and VC++ needs to be added
    - Snow Leopard
        - All ST externals are now available - Tom will enable SCons builds.
        - Heather's issue with bldmac02 not throwing windows is now fixed.
    - Setup Environments
        - Joanne will look to pull out pfiles setup and simplify if possible
    - RMII Web page discussion
        - New to do list for Karen who will have time after this month to start to address them
        - Tom owes Karen some example DB queries to extract information concerning number of build/unit test failures
        - We should provide Karen a mock up of what we want the entry page for RMII to look like

Tag Up Two

- SCons
    - ST
        - Completing upgrade to Python 2.6.5 and ROOT v5.26-gl3
        - cfitsio upgrade
        - ft2Util
        - Turning off CMT builds
        - removing sourcelike?
    - GR
        - OBF update
    - Agreement concerning SCons Env Setup
    - Windows
        - Turning on VC90 builds
        - Automating user/developer releases
            - F drive status
        - New virtual machine for win 7 testing
        - Working to get new boxes for automated builds
    - Snow Leopard
        - xerces in place
    - RMII Web Page discussion
- CMT Builds
    - Many stuck builds
- Event Displays
    - Working through issues with Wired

List O'Topics

- SCons
  - Windows
    - Support for VC++
    - user and developer releases
    - https://confluence.slac.stanford.edu/display/SAS/SCons+on+Windows+-+Status+and+Problems
  - Snow Leopard
    - xerces in progress
  - ST
    - Turning off CMT Builds
    - ft2Util
  - GR
    - OBF possibilities of new FSW to support gcc 4 or 64 bit builds
      - Is it time to pursue other options i.e. pulling OBF from GR and making it a separate processing step?
  - CHS
    - When to turn off CMT builds?
  - Tag Collecting and triggering heads and release tags post-CMT
  - RMII web pages
  - Agreement concerning SCons Env Setup
- Pass 8
  - G4 upgrade
- Pass 7
- Workbook
  - Migrating from CMT
- Wired vs Fred vs other event displays
- L1Proc plans for upgrades
- Windows Box discussion with SCS
  - Get some new boxes with local drives to handle our automated builds
  - Lab moving to Win 7 by the end of the year
  - Get access to a windows server 2008 / Win 7 box for testing?
  - Move to VC++ 2010?