

SCon Status June 17, 2009

Agenda

- Release Manager Status
 - Backend
 - Windows
 - Mac AFS token issue fixed - but only one batch build at a time? so automated builds will be back?
 - Automatically notify package owners of build failures - some feature requests
 - Other Issues?
- rh9 need to dump by summer
 - Plan to do it my mid-late July
 - Unix-admins as if the batch machines could go to RHEL5
- Installer/ RMviewer /Tag Collector - Navid
 - Web based version of Installer
 - There are a few remaining known issues
 - a) It would help a lot if we could add a new column to the os table in MySQL which listed the OsType, (for example Windows, MAC OS X, Linux) and OsVariant (32/64). I want to show users only the releases which are compatible with the machine they are running the installer on but it is hard at the moment without building in a lot of assumptions concerning mapping osName to osType.
 - b) The Java installer tries to not reinstall files if they are already installed. There are a number of issues which make this hard with the new scon files. First the mapping between downloaded file name and unpacked name is not always consistent. For example:
ScienceTools is unpacked into ScienceTools-09-11-00/
Ape (and other externals) unpack into ape/2.3-gl1/
In addition the 64/32 bit and debug/optimized files are difficult to tell apart because they only differ far down the install path. If it was possible to add some consistent tag file to all of the zip/tar files that would make things easier? Would it be possible for example for all zip/tar files to contain a
<package>/<version>/<variant>/<os>.tag
 - developer release status
 - Version 0.5 current test release
 - available for testing from <ftp://ftp-glast.slac.stanford.edu/glast.u05/RMViewer/>
 - To Do List
 - Installer for Developer Releases
 - Tag Collecting
- Front End - Karen
 - Web Front End - Karen
 - <http://glast-ground.slac.stanford.edu/rm2/>
current test version is: <http://glast-tomcat03.slac.stanford.edu:8080/rm2/>
 - How to get checkout and compile output like RMViewer?
 - Joanne made some recent requests for test program and compile output
 - Looking at current RM2 "Latest" builds, it appears some appear multiple times?
- SCons
 - 1.2.0 is now installed on SLAC AFS as is a more recent developer version with additional Windows support.
 - Joanne/Navid To Do <http://confluence.slac.stanford.edu/display/SAS/SCons+tools+to-do>
New externals handling is ready to go in CVS (head?)
 - any update on bug report to SCons developers?
- GoGui
 - [GoGui Status and Laundry List](#)
- Windows Support
 - [SCons and Windows - a Log](#)
 - Do we have something we throw at Toby for ST?
- stag command line tagger now available
 - Migrate to new tagging convention - can we do it, and expect people not to use MRVcmt's tagging feature?
- ST Builds
 - Mac build v9r15p1 is ok -- need one for v9r15p2, then perhaps get someone to test it and make general announcement about its availability?
 - make f2c an external for rhel5 - now available
- GR Builds
- [GlastRelease-scons v15r49 build status](#)
 - Need to check out using GlastRelease-15-49-00
Gleam package creates test_Gleam app, no Gleam. I think we need to add a definition for the Gleam application into the Gleam SConscript file?
- [GlastRelease-scons build status](#)
 - obf restructuring - Emmanuel, Navid, Joanne
 - Migration of JO files to top-level
 - FRED and fox library
- CHS
 - Last tag built, but with errors - fixes in progress
- Externals
 - RHEL4-64 needs python 2.5.1-gl1
 - ROOT upgrade -gl4 coming soon, need build for RHEL5, Mac, and VC90
 - Fred & Fox
 - rhel4 problem figured out - now need to package up for use
 - Did we ever figure out how to build Fred/Fox on 64 bit machines?

