SCons Status October 28, 2009

Windows Support

We have been trying to move to the new SCons checkpoint release 1.2.0.d20090919, but have run into dependency issues when building with VC9, and creating project files. Joanne is looking into it. There are other annoying issues like being unable to clean a build.

This brought up a wider discussion concerning continued Windows support and what we can legitimately hope to complete. Joanne is concerned that even when we work through the existing trouble with the checkpoint releases, the project files that are being created may be considered inferior to the ones we get from CMT now.

We will need to keep CMT around for as long as we support VC7.1, or we can consider VC71 support from within SCons if we find we cannot provide the VC90 version of all our externals. Hopefully have more information about that within a week or so.

We need Windows support at least through Pass 8 which will likely last a year.

Plan to have a discussion with Tracy and Leon after the upcoming Symposium. Toby also has made noises about more availability at that time.

ReleaseManager Update

ST 09-15-05 RHEL5-64 builds and unit tests are being fixed up with Eric's help. He will be committing updates for the unit tests to CVS - Navid will ask him about the status of that.

Navid has moved ahead on Developer, User, and Source Code Releases for windows. What remains is to get RMViewer to handle uzip, where we cannot assume unzip is available on the client machine. Navid was wondering when to activate the releases for Windows - holding off due to concerns about disk space. We agreed to hold off for now, but to do it sometime in November. The current plan is to put the windows builds onto u35 just like linux and mac.

Navid has just tested the two installs of Visual Studio on glast05 to see if CMT can live with that. His test succeeded producing identical results to the RM CMT builds, with a package failing with the same errors.

ASP Update

https://confluence.slac.stanford.edu/display/SAS/ASP-to-SCons+conversion+status+by+package

Jim has responded to some of Joanne's remaining issues, so she'll press on with that, and then Jim will finish testing after the Symposium.

Externals

Had meeting with Tony W, Tracy, Jana, and Gregg concerning FSW on 64 bit machines: http://confluence.slac.stanford.edu/display/SAS/OBF

OBF RHEL4-32 has been tested and added to GR HEAD.

Need to try out G4 builds on RHEL4-64 and RHEL5-64

Schedules

We talked a little about schedule and specifically Navid's:

http://spreadsheets.google.com/ccc?key=0AradgsCW6fMzdDhiUklXdW84bkl3Wk5DX2JwWU9uTVE&hl=en

Things labeled "future" are items that currently work, but there could be further improvements. The items labelled "open" will hopefully be completed during November.