

Meeting September 14, 2007

Agenda

- Update from Riccardo concerning MRStudio's status
 - Current tag
 - Toby's reported trouble on windows
 - Fixes for Joanne's wishlist?
 - Ability to run debugger
 - Update release.notes and requirements when tagging
 - VS2005
 - What next?
- SCons Discussion
 - Has there been an opportunity to look at SCons organization and potential MRStudio impact?
- Upgrading FRED's FOX library

Minutes

Attendees: Joanne Bogart, Toby Burnett, Richard Dubois, Riccardo Giannitrapani, Navid Golpayegani, Heather Kelly

We began with a report from Riccardo. There is now a new tag of MRStudio v0r6. Included in this tag is a fix for the problem Joanne reported concerning tagging and updating the requirements and release.notes files on Linux. Riccardo tracked this down to a difference in the behavior of CVS on Windows and Linux. Apparently one cannot use an absolute path when checking in or out via CVS on Linux. Another bug concerning filling the package tree was fixed. Riccardo has spoken to Marco concerning providing the ability to spawn a debugger. Marco had directed Riccardo to read Joanne's web page concerning her use of gdb. Riccardo requested that Joanne send him the link to that page, as he was unable to find it.

Riccardo mentioned a problem Toby reported with MRStudio on Windows. While mousing around, MRStudio disappeared. Toby sent Riccardo the log and Riccardo has not yet been able to reproduce the problem on his machines.

Heather asked Riccardo if we could consider this tag of MRStudio to be a beta release. Riccardo made it clear that having more users would be helpful to him to locate any further troubles that may occur. We will plan to make a general announcement to that effect at the next Core meeting, making it clear that there is still work to be done.

Concerning VS2005, Riccardo has not yet installed it locally. Toby reiterated his interest in getting MRStudio to work with VS2005 and offered to help out in any way. Toby confirmed that one may install VS2003 and VS2005 on the same machine with no ill effects. Riccardo will pursue getting set up with VS2005 as soon as possible.

Riccardo mentioned that he has gone over the SCons web page and a question concerning container packages and their structure under SCons. He asked if a container like IExternal would be set up to contain the subpackage directories directly beneath the IExternal directory. Navid confirmed this to be the case, but pointed out that IExternal itself may be a poor example as that package will no longer be necessary when we move to SCons. Riccardo was wondering how to best check if a directory is a top-level of a package, and Navid suggested checking for the existence of an SCons script file. Navid will be presenting an overview of the setup for SCons for GLAST at the next core meeting, and Riccardo will try to attend.

We then discussed Fox and FRED. Riccardo confirmed that a move to a more recent version of Fox would require some work as the interface has indeed changed. He plans to send Johann the script and instructions to build Fox for himself so that he can move forward. In the meantime, Riccardo will look into migrating to a later version of Fox. Riccardo is also considering the possibility that FRED should become a light C++ application, removing Ruby, but retaining Fox for the GUI. This may be a more stable configuration. This would not be an immediate project, as there are clearly many other fish to fry. Richard asked about the possibility of supporting Mac, which apparently FRED does not currently run on. Riccardo noted that a move from Ruby wrapper for Fox may help with this as well, as that seems to be the part causing trouble on Mac.

Riccardo suggested that we plan to continue having MRStudio meetings every two weeks. So we tentatively chose Fridays at 11 AM Pacific. Heather will check with those interested in these meetings to see that this is an acceptable time.