Schedule

Fall 2008 SCons schedule

- **Release Manager front end**
  Release to developers to encourage maintenance of SConscript files   **Release something for developers to use to view RM build results**
  by Nov 12th
    - Navid's tagCollector application available from:
      ftp://ftp-glast.slac.stanford.edu/glast.u05/RMViewer/0.1/
    - Karen's web page: [
      http://glast-tomcat03.slac.stanford.edu:8080/releasemanager/releaseManager-NEW.jsp]

- **Release Manager back end** -- Navid
    - RHEL3 and RHEL4 builds   **DONE**
    - Windows   **Status?**
      Some quirks to work out
    - RHEL5   **Depends on availability of boxes**
      Waiting on new boxes from SCCS
    - Mac   **Status?**
    - 64 bit builds   **READY (is this turned on?)**

- **Completing GlastRelease SCons builds**
    - Update externals.scons to deal with OBF structure -- Navid   **by Nov 20th?**
    - Migration of jobOptions files to top-level directory -- Navid   **by December 15th**
    - Complete build of remaining GR packages   -- Emmanuel   **DONE**
      https://confluence.slac.stanford.edu/display/SAS/GlastRelease-scons+build+status
- **GoGui** -- Joanne
  http://confluence.slac.stanford.edu/display/SAS/GoGui+Status+and+Laundry+List
    - overriding packages by allowing two paths that contain packages
        - Updates to SCons backend -- Navid   **Status?**
        - Updating GoGui to make use of those updates -- Joanne   Guess 1-2 weeks from time SCons backend is ready
    - ~~Implement Delete Package~~ -- Joanne   Done as of Nov. 6.
- **Installer**
- **SCons Windows support**
    - TBD
- **Reorganization of External Libraries for CMT** -- Heather
    - Python 2.5.1-gl1 mostly done
    - OmniOrb ready to go
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- **Documentation**
    - Externals upgrades "how to" documentation -- Emmanuel **Nov 7**
    - GoGui Guide -- Joanne
      http://www.slac.stanford.edu/exp/glast/ground/software/notes/GoGui/GoGui-use.shtml
    - Get the GoGui guide linked into the workbook -- Chuck   **Status?**
    - Update the page -- Heather   **by Nov 8th**
      http://confluence.slac.stanford.edu/display/SAS/SCons

Todo List Fall 2007

- Remove Environment variables used in ST [**End of October**]
    - Remove getenv() from C++ files...done
    - Remove hardcoded paths to $PACKAGEROOT...done
    - Create needed variables at runtime...in progress (about a week)
        - $PACKAGEDATAPATH, $PACKAGEXMLPATH, etc.
- Remove Environment variables used in GR (about 3 weeks) [**Mid November**]
    - Remove getenv() from C++ files
    - Remove hardcoded paths to $PACKAGEROOT
    - Create needed variables at runtime
        - $PACKAGEDATAPATH, $PACKAGEXMLPATH, etc.
- Create CVS layout for SCons (about 1 week) [**Mid November**]
- Adopt new tagging strategy (several weeks) [**Mid November**]
- Write new RM (several months) [**End of December**]
    - Basic RM functions: compile/checkout/test (1.5 month)
        - New Database (2 weeks)
        - New Web Frontend (4 weeks)
        - New RM scripts (4 weeks)
    - Advanced RM functions: installer, tag collector (1.5 months)
        - New Database (2 weeks)
        - Web Frontend extensions (2 weeks)
        - New RM scripts (4 weeks)
- Debug new RM and SCons while CMT continues (1 month) [**End of January**]