EVO Meetings

From 2002-2007, the agenda page was here

Summaries of these meetings are given as **Science Tools Updates**

Frequency: biweekly, Wed.

Time: 08:00 Pacific

Location: GLAST Community on EVO (no video needed)

Notes: Test and adjust your **microphone gain**, and avoid an open mic, which may cause echoes. The Workbook has tips on using EVO

October 15, 2008

News & Issues

- Update on support of gcc4 for the Science Tools - RM is not yet making gcc4 builds
    - *From Navid:* "Issues are getting fixed but new ones keep propping up. Currently the issue I'm working on with the admins is that jobs submitted via lsf don't have afs tokens transferred to the host when the job starts. This makes building on those machines still unusable since afs access is required in several places like the external libraries and the location of the RM executables."
- Data products - JIRA issues (leap second in DATE-OBS/END, time keywords in primary header), and status of updates to FT2 updates - Seth
- Science Tools Freeze/Test/Release schedule at the FSSC - Dave
- INST_DIR vs. FERMI_DIR vs. FERMI_INST_DIR

Updates from the development areas

- Databases and related utilities
- Analysis tools
    - Likelihood analysis
    - GRBs
    - Pulsars
- Observation simulation
- User interface/software infrastructure

August 13, 2008

News & Issues

- **gtbin** and **gtbindef** are being distributed now for GBM analyses - any feedback on installation /operation?
- Tutorial on science analysis at the coming collaboration meeting - the scope is broad but will include the Science Tools, obviously, along with data access, extensions to the science tools and scripts built on the science tools (iLat, etc.), and possibly Web-based analysis that Gino and Roberto have been discussing
- Prospects for support of gcc4 for the Science Tools: Word from Navid is that getting to gcc4 will depend on upgrading some batch farm computers (and presumably some development computers) to RHEL5. Word from Richard is that we are negotiating with SCCS for these computers, with the hitch being that taylor (for central management) is not yet working on RHEL5.

Updates from the development areas

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    - GRBs
    - Pulsars
- Observation simulation
- User interface/software infrastructure

May 21, 2008

News

Recap of the Beta Test by the GUG

Updates from the development areas (probably won't take long)

- Databases and related utilities
- Analysis tools
    - Likelihood analysis
    - GRBs
    - Pulsars
- Observation simulation
- User interface/software infrastructure
    - Include (someday) TDMIN/TDMAX keywords in data products?

Science Tools Post-Launch

- What is the release date for the Science Tools from the GSSC (L + 60 days + 6 months?)
- Can we (please) keep the releases tied to a specific Science Tools build?
- Do we need to get formal about potential additions to the Standard Analysis Environment?
- What about contributed software - within the LAT team and at the GSSC? How do we decide what to build/distribute with the Science Tools? [probably hard to answer in the abstract]
- JIRA and apple pie

April 9, 2008

News

- Andrea led the technical review of the production of pointing/livetime histories (FT2) last week
- Riccardo has proposed a set of event classes for Pass 6 IRFs
- The Big Run has been squeezed out of the schedule

Updates from the development areas

- Databases and related utilities
- Analysis tools
    - Likelihood analysis
    - GRBs
    - Pulsars
- Observation simulation
- User interface/software infrastructure
    - From Eric W.: "As far as the beta test goes, we're releasing a new version of the tools today that have been ported to the HEADAS environment on OS X for Intel and PowerPC Macs, and 64-but Linux. We're still based on v9r4p1, but I am getting ready to start porting v9r5 to the HEADAS environment."

March 26, 2008

News incl. Beta Test

- Andrea is preparing descriptions of the production of pointing/livetime histories (FT2) in the L1 pipeline, for a technical review next week (tentatively planned for Thursday); this will also relate to how Gleam gets the position and attitude information provided by the spacecraft

Software Freeze and Science Tools

Updates from the development areas

- Databases and related utilities
- Analysis tools
    - Likelihood analysis
    - GRBs
    - Pulsars
- Observation simulation
- User interface/software infrastructure
    - Event class handling

Feb 13, 2008

News

Bill presented the Pass 6 analysis last week at the workshop in Bari. Riccardo also presented improvements to the energy assignment for events. These are exciting developments for the IRFs (and also for background rejection). These will be topics for the meeting of the IRF Working Group tomorrow.

LAT data products

Baselining the ICD and File Format Documents, and attempting to sign off requirements (Ground System Requirements or LAT Level 3) related to product generation and delivery were intense efforts leading up to the Flight Operations Review last week. The ICD and FFD are baselined, thanks to David's stamina. The data products generated by the L1 pipeline (LS-001, -002, and -005) did not quite meet the expectations of the ingest system at the GSSC. Some tweaking at least is needed, and will result in Rev. A of the FFD. At this time, I don't know how the process will work for making updates to the FFD.

Updates from the development areas

- Databases and related utilities
- Analysis tools
  - Likelihood analysis
  - GRBs
  - Pulsars
- Observation simulation
- User interface/software infrastructure

Jan 16, 2008

News

News goes here. You might be interested to look at Pat's posting on UIDL to the User Interface mailing list.

The most-current news regarding the Big Run is the Big Run Checklist; it includes a recently-updated timeline that forecasts the availability of the 1-year run data in ~mid-April.

LAT data products

Updates from the development areas

- Databases and related utilities
- Analysis tools
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- User interface/software infrastructure