

Science Tools Update, May 6, 2008

Science Tools Working Group

We won't have a meeting this week this week either; there's not a lot of new news and the Catalog group will be putting the time slot to good use.

The current version of the Science Tools remains **v9r5p2**. Jim has made preliminary versions of the Pass 6 IRFs available in the LATEST builds of Science Tools (1.2334 and later); see his [news item](#).

Data products: Examples of all of the LAT Science Data Products have been produced, sent via FastCopy to the GSSC, and accepted by the ingest system there. Don Horner patiently reviewed iterations of the various attempted deliveries. David Band patiently updated the File Format Document (Rev A) as circumstances required. The GSSC and ISOC were able to sign off on the delivery requirements for these.

The LAT source catalog (LS-008) needed the most adjustments to the specification of the format - mostly small, but some omissions were found. Jean has produced a [summary page](#) of the format, with a couple of proposed tweaks to the current format; these will be discussed at a future Catalog meeting.

Databases and related utilities

No news

Likelihood analysis

No news

GRB tools

No news

Pulsar tools

No news

Observation simulation

No direct news. Max is adding or updating environment variable definitions to control the output of log files by PulsarSpectrum

User interface and infrastructure (& utilities)

No direct news. In the LATEST builds the versions of tip and hoops have been incremented by James. These have not been propagated to releases yet, and so are presumably still being worked on.

Source Catalog

Met last week. Ludovic and Jean presented some results on Nicola's test gtobssim run of the Big Run sky model (Pass 5 Transient). Some words were said about the status of making resampled backgrounds for Science Tools analyses. Toby briefly introduced spectral fits in pointlike, including how the spectra may be stored.