Science Tools Update, February 16, 2010

Science Tools Working Group

The current release of the Science Tools remains **v9r15p6**. *The development news below describes updates that are not yet in a release.*

Data products: The source catalog format was updated a couple of times along the way to delivering the final form of the 1FGL catalog to the FSSC. Elizabeth F. is preparing an updated description of the contents of the main data products served at the FSSC (FT1, 'extended FT1', and FT2).

Likelihood analysis

From Jim:

- Likelihood v16r0p0: Bug fix for resampling of model maps in binned likelihood. The modification entails enabling interpolation of the model maps when resampling using the input counts map geometry.

GRB tools

No news

Pulsar tools

Masa reports that there's no news

Observation simulation

From Jim:

- celestialSources/genericSources v1r14p4: bug fix for half pixel offset in sampling input FITS maps SRCMOD-14@JIRA [for MapSource and MapCube sources]

User interface and infrastructure (& utilities)

From Jim:

- dataSubselector: addressing STGEN-95@JIRA: INDEF keywords used for **gtselect** to allow for default behavior for the time range and acceptance cone selections. This uses changes checked in to ape 2.6 and hoops v1r1p4. Waiting for James to close the related issue STGEN-96@JIRA before resolving.