

Science Tools Update, November 17, 2009

Science Tools Working Group

The current release of the Science Tools is still **v9r15p5**, although a new release continues to be anticipated. The only noteworthy item this week is Jim's implementation (reported below under Infrastructure) of the new PSF parametrization by Matthew and Riccardo. This is needed to handle the Pass 7.2 IRFs that will soon be available for testing.

Data products: No new news. The FSSC is proposing some small updates, transparent to users, to be able to handle deliveries of FT1 and LS1 data products with different analysis cuts (e.g., Pass 6 and Pass 7.2) if necessary.

Databases and related utilities

No news

Likelihood analysis

From Jim:

- modifications to SummedLikelihood interface to allow for use with UpperLimits classes (pyLikelihood v1r18p1) [not yet in a release or Release Manager HEAD build]

GRB tools

No news

Pulsar tools

Masa reports that there's no new news.

Observation simulation

No news

User interface and infrastructure (& utilities)

From Jim:

- implemented new PSF formulation from Matthew and Riccardo (irfs/latResponse v2r4p0, irfs/handoff_response v4r4p1) [not yet in a release or HEAD build]

Source Catalog

The 11-month source list and the converging on the year-1 catalog paper is the focus.