

# Science Tools Update, September 22, 2009

## Science Tools Working Group

The current release of the Science Tools remains **v9r15p4**. The development news below describes changes that will be in a future release (although are in the code repository now).

**Data products:** No new news.

### Databases and related utilities

No news

### Likelihood analysis

Jim reports that he has added Steve Fegan's code for calculating upper limits to v1r17 of the pyLikelihood package. He also fixed some bugs in UpperLimits.py, including the bayesianUL(...) method. See Jim's documentation at [Likelihood Usage Notes](#).

### GRB tools

No news

### Pulsar tools

From Masa: "We fixed a bug in the pulsar tools infrastructure, which has been reported by the FSSC programmers in their effort of porting Science Tools into 64-bit machines. It is (supposed to be) fixed in the late version, although Release Manager reports some minor problems, which I think I can fix soon."

### Observation simulation

No news

### User interface and infrastructure (& utilities)

No news

## Source Catalog

The 11-month source list and the development of the year-1 catalog continue to be standard topics these days. Elizabeth pointed out some coming proposal deadlines relevant for follow-up observations.