Science Tools Update, March 17, 2009

Science Tools Working Group

The current release of the Science Tools remains **v9r10**.

Eric Winter reports that he is working on an FSSC port of **v9r10**. Part of this is to streamline the process.

An incremental release of the Science Tools is likely soon, to include the Pass 6 v3 IRFS that include the effect of ghosts. This does not mean that these IRFs have been blessed for publishing results but it is time to shake them down. Some early results were presented in the C&A meeting yesterday.

Data products: No new news about reprocessing; Richard scheduled a meeting on reprocessing planning ('many-ringed circus') later this morning.

Databases and related utilities

No news

Likelihood analysis

No news

GRB tools

No news

Pulsar tools

From Masa: "Nothing new in the pulsar tools development. I am still writing a new document describing what the pulsar tools do in detail."

Last week saw some discussion about how the real-life radio ephemerides provided by the timing consortium could be handled by the Science Tools (pulsar tools and ephemeris database). It turns out that at least some pulsars are coming in with timing solutions with several frequency derivatives. D4 can handle up to 2nd derivatives only. The pulsar group has worked around this with TEMPO 2.

Observation simulation

No news

User interface and infrastructure (& utilities)

No news

Source Catalog

Last week most of the discussion was related to the 6-month source list that Jean has developed and a first look at source associations.