Checkout2 Status

News for Checkout 2

14 April

- Posted a review of the general tools (Hirayama)

13 April

- Added review of Glbary here (Razzano)
- Added review of pulsePhase here (Razzano)

12 April

- Added result page of some tests I've performed in these days here. This is a sample delta Dirac profile for testing corrections. (Razzano)

11 April

- Posted a review of the general tools (Ballet)
- Posted reviews of likelihood analysis (Davis & Lott)

8 April

- Added a page reviewing the ObsSim.py GUI. (Stephens)
- Added a review and comments on documentation for GRB tools (Band)

7 April

- Added results page showing results of my examination (so far) of the observationSim package. (Stephens)

6 April

- ScienceTools tagged at **v5r4p4**. Notable updates include:
  - **gtselect** modifies the GTI extension to account for time range cuts. This allows **gtbin** to compute the EXPOSURE value correctly for counts spectra (PHA1 files).
  - **gtbin** writes the EXPOSURE keyword value explicitly as a float since Xspec12 (CCFits really) requires that the decimal point appears for keyword values it expects as floats.
  - The 1 April changes to Pulsar listed below.

1 April

- **PulsarSpectrum** bug with lightcurves is now fixed and it should works without problems. The tag to be used are Pulsar **v1r0p6** and SpectObj **v0r 1p4** (Razzano)

30 March

- Posted an investigation of the GRBs in the checkout data: scripts for finding bursts and Likelihood and XSPSEC for characterizing them (Chiang)

28 March

- The current release of Science Tools is **v5r4p3**. This includes updates to irfInterface and testResponse for use with **gtrspgen** when the **TEST** response functions are used for generating response matrices (Chiang).
- Another incremental release is likely, possibly by Tuesday, to incorporate some updates to **gtrspgen** regarding using the **TEST** response functions, which were used to generate the simulated data. Also, **gtbin** is being updated to pay attention to the DSS keywords, and not just the GTI extension, when calculating exposure times (Peachey).
- **PulsarSpectrum** (or SpectObj, which it uses) had a bug in how it handled the light curves that were specified for the pulsars in the simulation. The result seems to be that the emission is periodic and all of the arrival time decorrections are made, but the light curve does not match the input. Keep this in mind when you analyze the pulsars in the simulated dataset. A fix is being investigated (Razzano).
- The **tools summaries** have been reformatted for readability and slightly expanded.