

Science Tools Development and Refactoring EVO

2013-03-31

- Refactoring
 - Threading redone with OMP
 - Kahan accumulator - tested on geometric series with OMP ([see Dr Dobbs article](#))
 - Response caching - decided to make a dedicated class
 - Fixed sources - only when fixed in addSource?
 - What about event efficiencies?
- Jean's suggestions
 - gtexmap: improve handling of edge of FoV so coarser binning can be used (email from Mar 12) [LK-87@JIRA](#)
 - gtexmap: have it guess default parameters for npix etc (email from Mar 12) [LK-87@JIRA](#)
 - gtsrcmaps: keep maps that have already been calculated, i.e. add "clobber=no" functionality (email from Mar 27) [LK-85@JIRA](#)
 - gtsrcmaps: make "ptsrc=no" the default (email from Mar 27)
 - Issue regarding interpolation for distant sources in unbinned (email from Mar 27) [LK-86@JIRA](#)
 - Fixed sources - prefer for them to not trigger recalculation of source maps when used in UL calc
 - Fixed sources - prefer for them to not trigger recalculation of source maps when energy limits changed
 - Sources with only normpar free - can improve handling?
- Jeremy's participation