

ctools - Feature #1152

Add ctool for quick look and checks

02/25/2014 12:31 PM - Deil Christoph

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|--|------|------------------------|------------|
| Status: | New | Start date: | 02/25/2014 |
| Priority: | High | Due date: | |
| Assigned To: | | % Done: | 0% |
| Category: | | Estimated time: | 0.00 hour |
| Target version: | | | |
| Description | | | |
| <p>There should be a ctool (using Python / matplotlib) that can create a few common plots for quick look and checks, e.g.</p> <ul style="list-style-type: none">• count, model and residual image at one or a few correlation radii• count, model and residual spectrum at for the whole field of view or a user-defined region. <p>Ideally this script would have a few parameters like energy band for the image or region for the spectrum the user can select to get the plot she wants.</p> <p>Here's an example of plots I'd mean: http://enrico.readthedocs.org/en/latest/tutorial.html#check-results</p> <p>There is already some example code in the ctools repo: https://github.com/ctools/ctools/blob/devel/examples/make_binned_analysis.py#L243</p> <p>What is needed is turning this into a command line tool and adding documentation to the ctools user manual.</p> <p>Anyone has time to share their existing scripts now or implement this?</p> | | | |

History

#1 - 02/25/2014 01:02 PM - Deil Christoph

In addition there should be a ctool that can summarise the IRFs for a given analysis, i.e. print some numbers and make some plots describing the effective area, PSF (and maybe energy resolution and background).

#2 - 07/02/2015 11:33 AM - Bregeon Johan

For csspec to produce count spectrum by default, I have created #1499.