

eSASS Q+A splinter

- *SRCTOOL PSF corrections – Jeremy Sanders*
- *Source detection – Georg Lamer*
- *New eSASS release: Updates since last release*
- *Review of science requirements meetings*
- *Recent suggestions for new features*
- *Q+A*

eSASSusers_190220 (beta testing)

Updates since eSASSusers_180416:

SRCTOOL

Version 1.19 to 1.24 - 2018-06-04 (Tdwelly)

Computation of BACKSCAL keyword fixed (18-04-25)

Fixed interpretation of raw DS9 regions files

More restrictive handling of FILTER keyword setting

Version 1.25 and 1.26 – 2019-01-01 (Jsanders)

Handling of event ownership

Expose parameters to automatic region selection as environment variables

Most tasks: Parameter files homogenized
Conditional parameter reading

ERMLDET

Version 1.20 – 2018-10-15 (GLamer)

Enable fitting with fixed extent read from input source list
(if fitext_flag=no and EXT column is present)

Version 1.21 – 2019-01-31 (Glamer)

Calculation of exposure map values fixed

ERBOX

Version 1.10 and 1.11 – 2019-02-13 (Glamer)

Calculation of exposure map values fixed

eSASS science requirements meetings

2016-10-12 to 2017-11-22

- Provide error ellipses in the eROSITA source catalogs
- Perform count rate to flux conversion based on galactic NH
- SRCTOOL: handling of very large extraction areas?

eSASS science requirements meetings

2016-10-12 to 2017-11-22

- Provide error ellipses in the eROSITA source catalogs
- Perform count rate to flux conversion based on galactic NH
- SRCTOOL: handling of very large extraction areas?

More recent feature requests

Bonn list:

ERMLDET:

- Documentation: how is source extent calculated?
- Use different (but fixed) beta-parameter
- Write matching region file for output source lists

EVTOOL/SRCTOOL

- Documentation: how are ARFs calculated?
- Polygon extraction regions
- Add image extension with proper coordinate system

Alexis Finoguenov + team:

ERMLDET:

- Excise core from cluster fitting
- Fit very large clusters
- Use different (but fixed) beta-parameter

Teng Liu:

- Encircled energy fraction tool
- SRCTOOL: Elliptical background extraction