Chandra X-ray Center

AHELP for CIAO 3.4 **get_filter_expr** Context: sherpa

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Synopsis

Module function to retrieve the strings describing filters applied to source and background datasets.

Syntax

```
Array_Type get_filter_expr([Integer_Type])
Array_Type get_bfilter_expr([Integer_Type])

Error Return Value: NULL
```

Description

These functions returns an array of filter expressions, for use in record–keeping, GUIs, etc. Each string in this array is a command that contributed to the calculation of the filter; the commands were applied to the filter in the order in which they are stored in the array.

See the related Sherpa command SHOW ALL.

Example

Retrieve a set of filter expressions applied to dataset 1:

```
sherpa> fltexpr = get_filter_expr()
sherpa> print(fltexpr)
notice source 1 energy 2 : 4
notice source 1 wavelength 12 : 24
```

Bugs

See the Sherpa bug pages online for an up–to–date listing of known bugs.

See Also

chandra
　　　guide
sherpa

get_analysis, get_arf_axes, get_axes, get_coord, get_data, get_energy_axes, get_errors, get_filter, get_fit, get_fluxed_spectrum, get_ftest, get_metadata, get_photon_axes, get_photon_energy_axes, get_photon_wave_axes, get_qvalue, get_raw_axes, get_record, get_source, get_statistic, get_stats, get_syserrors, get_wave_axes, get_weights, record, save, write

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