URL: http://cxc.harvard.edu/ciao3.4/set_analysis.html
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AHELP for CIAO 3.4

set_analysis

Context: sherpa

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Synopsis

Module function to set the units for 1−D spectral analysis.

Syntax

```
Integer_Type set_analysis([Integer_Type],String_Type)

Success/Error Return Values: 1/0

Arguments:

(1) Dataset number (default 1)

(2) Units string
```

Description

The set_analysis() function tells Sherpa the units in which to do subsequent analyses, for the specified dataset. For Sherpa version 3.0.2, supported (case−insensitive) string inputs are "bin" (equivalent to ANALYSIS CHANNELS), "kev" (equivalent to ANALYSIS ENERGY), "ang" (equivalent to ANALYSIS WAVE), "ev", "mev", "nm", and "hz".

Example

```
sherpa> data example.pha
sherpa> instrument = rsp[a](example.rmf,example.arf)
sherpa> () = set_analysis(1,"hz")
sherpa> get_analysis()
Hz
sherpa>
```

Bugs

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

See Also

chandra

guide

sherpa

autoest, back, berrors, bsyserrors, bye, calc_kcorr, coord, data, dataspace, dcounts, dollarsign, echo, eflux, eqwidth, erase, fakeit, feffile, flux, get, get_dcounts_sum, get_dir, get_eflux, get_eqwidth, get_filename, get_flux2d, get_flux_str, get_lfactorial, get_mcounts_sum, get_pflux, get_source_components, get_verbose, group, groupbycounts, guess, is, is_subtracted, journal, list, list_par, load, load_arf, load_ascii, load_back_from, load_backset, load_dataset, load_fitsbin, load_image, load_inst, load_inst_from, load_pha, load_pha2, load_rmf, mcounts, numbersign, paramest, plot_eprof, plot_rprof, prompt, read, reset, run, set, set_axes, set_backscale, set_coord, set_data, set_dataspace, set_dir, set_exptime, set_subtract, set_verbose, set_weights, setback, setdata, setplot, sherpa−module, sherpa_plotfns, sherpa_utils, show, simspec, subtract, ungroup, unsubtract, use, version

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