



AHELP for CIAO 3.4

guide

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Synopsis

Grating User Interactive Data Extension (GUIDE)

Description

GUIDE functions, essentially, as an extension of Sherpa. At the most basic level, GUIDE can be used to store and retrieve models and model parameters (utilizing "MDL" files). One of its more advanced applications is in identifying spectral lines to derive physical conditions and differential emission measures.

GUIDE derives much of its power from the S-Lang scripting language.

Bugs

See the [Sherpa bug pages](#) online for an up-to-date listing of known bugs.

See Also

calibration

[caldb](#)

chandra

[coords](#), [isis](#), [level](#), [pileup](#), [times](#)

chips

[chips](#)

concept

[autoname](#), [parameter](#), [stack](#), [subspace](#)

dm

[dm](#), [dmbinning](#), [dmcolls](#), [dmfiltering](#), [dmimages](#), [dmimfiltering](#), [dmintro](#), [dmopt](#), [dmregions](#), [dmsyntax](#)

gui

[gui](#)

modules

[paramio](#), [pixlib](#), [stackio](#)

sherpa

[autoest](#), [back](#), [berrors](#), [bsyserrors](#), [bye](#), [calc_kcorr](#), [coord](#), [data](#), [dataspace](#), [dcounts](#), [dollarsign](#), [echo](#), [eflux](#), [eqwidth](#), [erase](#), [fakeit](#), [feffile](#), [flux](#), [get](#), [get_analysis](#), [get_arf_axes](#), [get_axes](#), [get_coord](#), [get_data](#), [get_dcounts_sum](#), [get_dir](#), [get_eflux](#), [get_energy_axes](#), [get_eqwidth](#), [get_errors](#), [get_filename](#), [get_filter](#), [get_filter_expr](#), [get_fit](#), [get_flux2d](#), [get_flux_str](#), [get_fluxed_spectrum](#),

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get ftest, get lfactorial, get mcounts sum, get metadata, get pflux, get photon axes,
get photon energy axes, get photon wave axes, get qvalue, get raw axes, get record, get source,
get source components, get statistic, get stats, get syserrors, get verbose, get wave axes,
get weights, 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, record, reset, run, save, set, set analysis, 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, write

slang

overview, slang, tips

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URL:
<http://cxc.harvard.edu/ciao3.4/guide.html>
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