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 it's more advanced applications is in identifying spectral lines to derive physical conditions and differential emmision 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, dmcols, 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, get_ftest, get_ifactorial, 
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