Chandra X-ray Center

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

Jump to: Description Examples Bugs See Also

Synopsis

Turns on/off prompting for model parameter values.

Syntax

```
sherpa> PARAMPROMPT {ON | OFF}
```

Description

By default, prompting for model parameter values is ON. However, when an Sherpa script file name is provided on the UNIX command line (e.g. unix> sherpa example.script) or is provided as the argument of a USE command, prompting for model parameter values is automatically turned off.

For more information about parameter prompting, see the CREATE command.

Example 1

Turn off parameter prompting; set parameter values using the model language syntax:

```
sherpa> PARAMPROMPT OFF
Model parameter prompting is off
sherpa> SOURCE 2 = POW[modele]
sherpa> modele.ampl = 2.3
```

Example 2

Call and execute Sherpa script; set parameter values using the model language syntax:

```
sherpa> $more example.script
# This is my sherpa script
READ DATA example.dat
POLY[modela]
SOURCE = modela
FIT

sherpa> USE example.script
 powll: v1.2
```

```
powll:    initial function value =      3.25453E+02
powll:      converged to minimum =      9.80351E+01 at iteration =        2
powll:    final function value    =      9.80351E+01
         modela.c0  10.4657
sherpa>
```

This example shows that when a Sherpa script is called and executed, prompting for model parameter values is automatically turned off.

Bugs

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

See Also

sherpa

autoest, background, create, create_model, createparamset, fit, freeze, get_defined_models, get_model_params, get_models, get_num_par, get_par, get_stackexpr, getx, gety, guess, instrument, integrate, is_paramset, jointmode, kernel, lineid, linkparam, mdl, modelexpr, modelstack, nestedmodel, noise, paramset, pileup, rename, run_fit, set_par, set_paramset, set_stackexpr, source, thaw, truncate, unlink