Chandra X-ray Center

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

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Synopsis

Call Sherpa commands from S–Lang

Syntax

```
Integer_Type sherpa_eval(String_Type)
```

Description

The sherpa_eval() function allows S–Lang code to execute Sherpa commands. To do this, you create a string which contains the command to execute and pass it to sherpa_eval(), which returns a 0 on success and a –1 on failure.

In CIAO 3.0 there are a large number of commands that have equivalent S–Lang functions, so the need for this function has been reduced.

Example

```
() = sherpa_eval("method powell");
```

Here we change the method setting of Sherpa to "powell" from within a S–Lang script (the Sherpa module must have already been imported using 'require("sherpa");').

We use "() = " to ignore the return value of the call (i.e. whether it succeeded or not).

Bugs

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

See Also

chips
        chips, chips_eval
modules
        varmm

slang

      math, overview, slang, tips, variables

tools

      ascii2fits

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