



AHELP for CIAO 3.4

sherpa_eval

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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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URL:
http://cxc.harvard.edu/ciao3.4/sherpa_eval.html
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