



AHELP for CIAO 3.4

get_method_expr

Context: [sherpa](#)

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Synopsis

Module function to retrieve the name of the current optimization method.

Syntax

```
String_Type get_method_expr()
```

```
Error Return Value: NULL
```

Description

This function retrieves the name of the optimization method currently set in Sherpa, for use in record-keeping, GUIs, etc.

See the related Sherpa command `SHOW METHOD`.

Example

Display the Sherpa optimization method:

```
sherpa> meth1 = get_method_expr
sherpa> print(meth1)
levenberg-marquardt
sherpa> METHOD SIMPLEX
sherpa> meth2 = get_method_expr
sherpa> print(meth2)
simplex
```

Bugs

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

See Also

sherpa

[grid](#), [grid-powell](#), [levenberg-marquardt](#), [method](#), [monte-lm](#), [monte-powell](#), [montecarlo](#), [powell](#), [sigma-rejection](#), [simplex](#), [simul-ann-1](#), [simul-ann-2](#), [simul-pow-1](#), [simul-pow-2](#), [usermethod](#)

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