



AHELP for CIAO 3.4

get_defined_models

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Synopsis

Module functions that return lists of defined Sherpa source and instrument models

Syntax

```
Array_Type get_defined_models()  
Array_Type get_defined_inst_models()  
  
Error Return Value: NULL
```

Description

Returns a string array containing the names given by the user to all instantiated Sherpa source or instrument models, for use in record-keeping, GUIs, etc. (This includes XSPEC models and user-defined models.)

See the related Sherpa command `SHOW` for more information.

Example

Define two models; list their names:

```
sherpa> SOURCE = GAUSS[g] + POW[p]  
sherpa> mnames = get_defined_models()  
sherpa> printarr(mnames)  
g  
p
```

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_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](#), [paramprompt](#), [paramset](#), [pileup](#), [rename](#), [run_fit](#), [set_par](#), [set_paramset](#), [set_stackexpr](#), [source](#), [thaw](#), [truncate](#), [unlink](#)

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