Chandra X-ray Center

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

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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

get_defined_models