Chandra X-ray Center

AHELP for CIAO 3.4   **pget**   Context: tools

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Synopsis

Get parameter values

Syntax

```
pget [-abort] toolname parameter [ parameter2 ... ]
```

Description

`pget' gets the value of the specified parameter(s) from the given parameter file. All redirections and shell evaluations are performed.

Example 1

```
pget dmlist infile
```

Return the value of the infile parameter

Example 2

```
pget dmlist infile opt
```

Returns the value of the infile and opt parameters, one per line.

Example 3

```
pget dmlist infile.p_value
```

Will return the actual string stored in the parameter file for the value field of the parameter. Redirections and shell evaluations are NOT performed.

Example 4

```
pget -abort blah.par boo
```

The '–abort' option causes pget to exit with an error when a parameter file specifies an inappropriate value. For example, if blah.par contained

```
boo,i,h,notaninteger,,,"bad value"
```

the above command would exit with an error, rather than prompting for a valid value (as it would if '–abort' were not given). This can be useful in scripts, where prompting for a valid value could cause a script to hang indefinitely.

Parameters

name	type	ftype	reqd
parameter_file	string	input	yes
parameter	string	input	yes
–abort	notype		

Detailed Parameter Descriptions

Parameter=parameter_file `(string required filetype=input)`

Parameter file from which to retrieve data

Name (plus optional path) of parameter file to get values from

Parameter=parameter `(string required filetype=input)`

Name of parameter

Name of parameter to retrieve. Optionally can use the various parameter attributes listed below to return those values.

Parameter Attributes

p_mode	Whether the parameter is prompted for or not
p_value	The value of the parameter. If the parameter is a redirected, this returns the redirection string rather than what the redirection evaluates too.
p_min	Minimum value allowed
p_max	Maximum value allowed
p_prompt	The parameter prompt

Example 4

Parameter=−abort (`notype`)

Abort flag

If the parameter file contains an invalid value for the requested parameter, exit with an error (instead of prompting for a valid value).

Bugs

See the bugs page for this tool on the CIAO website for an up−to−date listing of known bugs.

See Also

concept
> parameter

modules
> paramio

paramio
> paccess, paramclose, paramopen, pget, pgets, plist_names, pquery, pset, punlearn

tools
> dmhistory, dmkeypar, dmmakepar, dmreadpar, paccess, pdump, pline, plist, pquery, pset, punlearn

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Parameter=–abort (notype)