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*AHELP for CIAO 3.4*

## pget

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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
<u>parameter_file</u>	string	input	yes
<u>parameter</u>	string	input	yes
<u>-abort</u>	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

**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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URL:  
<http://cxc.harvard.edu/ciao3.4/pget.html>  
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