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*AHELP for CIAO 3.4*

## get\_filename

Context: [sherpa](#)

*Jump to:* [Description](#) [Example](#) [Bugs](#) [See Also](#)

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## Synopsis

Module functions to retrieve filenames associated with a dataset.

## Syntax

```
String_Type get_filename([Integer_Type])
String_Type get_bfilename([Integer_Type])
String_Type get_arf_filename([Integer_Type])
String_Type get_rmf_filename([Integer_Type])
```

```
Error Return Value: NULL
```

## Description

These functions retrieve the source dataset file name, the background dataset file name, the ARF instrument file name, and the RMF instrument file name respectively, for use in record-keeping, GUIs, etc.

Note: depending upon how the files are read in, the displayed file name may show the entire directory path. See example below.

See the related Sherpa command SHOW.

## Example

Input data from files; display file names:

```
sherpa> DATA example.pha
...
sherpa> get_filename
example.pha
sherpa> get_bfilename
/data/simteste/Testing/sherpaTest/data/example2_bkg.pha
sherpa> get_arf_filename
/data/simteste/Testing/sherpaTest/data/example2.arf
```

```
sherpa> get_rmfile_name  
/data/simteste/Testing/sherpaTest/data/example2.rmf
```

## Bugs

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

## See Also

*chandra*

[guide](#)

*sherpa*

[bye](#), [calc\\_kcorr](#), [dataspace](#), [dcounts](#), [dollarsign](#), [echo](#), [eflux](#), [eqwidth](#), [erase](#), [flux](#), [get](#), [get\\_dcounts\\_sum](#), [get\\_dir](#), [get\\_eflux](#), [get\\_eqwidth](#), [get\\_flux2d](#), [get\\_flux\\_str](#), [get\\_lfactorial](#), [get\\_mcounts\\_sum](#), [get\\_pflux](#), [get\\_source\\_components](#), [get\\_verbose](#), [groupbycounts](#), [guess\\_is](#), [journal](#), [list](#), [list\\_par](#), [mcounts](#), [numbersign](#), [paramest](#), [plot\\_eprof](#), [plot\\_rprof](#), [prompt](#), [reset](#), [run](#), [set](#), [set\\_analysis](#), [set\\_axes](#), [set\\_coord](#), [set\\_dataspace](#), [set\\_dir](#), [set\\_verbose](#), [setplot](#), [sherpa-module](#), [sherpa\\_plotfns](#), [sherpa\\_utils](#), [show](#), [simspec](#), [use](#), [version](#)

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URL:  
[http://cxc.harvard.edu/ciao3.4/get\\_filename.html](http://cxc.harvard.edu/ciao3.4/get_filename.html)  
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