



AHELP for CIAO 3.4

set_exptime

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Synopsis

Module functions for setting source and background exposure times.

Syntax

```
Integer_Type set_exptime([Integer_Type],Float_Type)
Integer_Type set_bexptime([Integer_Type],Float_Type)

Success/Error Return Values: 1/0

Arguments:

(1) Dataset number (default 1)
(2) Exposure time
```

Description

The specified exposure time replaces the current value of the exposure time within Sherpa, which may have been set when the dataset was loaded from the value of the EXPTIME header keyword of a PHA file.

See the related Sherpa commands SETDATA and SETBACK for more information.

Example

Set the exposure time of the background dataset of dataset 4 to 30 ks:

```
sherpa> get_bexptime(4)
108676
sherpa> () = set_bexptime(4,30000.0)
sherpa> get_bexptime(4)
30000
```

Bugs

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

See Also

chandra

[guide](#)

sherpa

[autoest](#), [back](#), [berrors](#), [bsyserrors](#), [coord](#), [data](#), [dataspace](#), [fakeit](#), [feffile](#), [group](#), [guess](#), [is_subtracted](#), [load](#), [load_arf](#), [load_ascii](#), [load_back_from](#), [load_backset](#), [load_dataset](#), [load_fitsbin](#), [load_image](#), [load_inst](#), [load_inst_from](#), [load_pha](#), [load_pha2](#), [load_rmf](#), [read](#), [set_analysis](#), [set_axes](#), [set_backscale](#), [set_coord](#), [set_data](#), [set_subtract](#), [set_weights](#), [setback](#), [setdata](#), [subtract](#), [ungroup](#), [unsubtract](#), [use](#)

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URL:
http://cxc.harvard.edu/ciao3.4/set_exptime.html
Last modified: December 2006