URL: http://cxc.harvard.edu/ciao3.4/load_rmf.html
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AHELP for CIAO 3.4

load_rmf

Context: sherpa

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Synopsis

Module function to load data from an RMF file into Sherpa

Syntax

```
Integer_Type load_rmf(String_Type, String_Type | Struct_Type)

Success/Error Return Values: 1/0

Arguments:

(1) Name of instrument (RSP) model instance

(2) RMF filename, or

(2) S-Lang variable output by readrmf()
```

Description

This function loads data from an RMF file into Sherpa, assigning the data to the RSP model instance identified by the first argument. If no such model exists before the call, a new RSP model is created.

See the related Sherpa models RSP and FRMF for more information.

Example 1

```
sherpa> () = load_rmf("rr","example.rmf")
```

In this example, the data from the RMF file example.rmf is assigned to the RSP model ``rr''.

Example 2

```
sherpa> rmfst = readrmf("example.arf")
sherpa> () = load_rmf("rr","rmfst")
```

```
sherpa> () = sherpa_eval("instrument 1 = rr")
```

Here the RMF data are read into the S−Lang variable ``rmfst''. The load_rmf() function then reads the data from arrays which are part of the variable ``rmfst''.

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, read, set_analysis, set_axes, set_backscale, set_coord, set_data, set_exptime, set_subtract, set_weights, setback, setdata, subtract, ungroup, unsubtract, use

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