



---

*AHELP for CIAO 3.4*

## set\_float\_format

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

---

### Synopsis

Set the format for printing floating point values.

### Syntax

```
set_float_format (String_Type fmt)
```

### Description

The `set_float_format` function is used to set the floating point format to be used when floating point numbers are printed. The routines that use this are the traceback routines and the string function. The default value is "%f"

### Example

```

s = string (PI);           % --> s = "3.14159"
set_float_format ("%16.10f");
s = string (PI);           % --> s = "3.1415926536"
set_float_format ("%10.6e");
s = string (PI);           % --> s = "3.141593e+00"

```

### See Also

*slangrtl*

[\\_apropos](#), [\\_print\\_stack](#), [\\_slang\\_guess\\_type](#), [atof](#), [char](#), [double](#), [int](#), [integer](#), [message](#), [pack](#), [putenv](#), [sprintf](#), [sscanf](#), [strcat](#), [string](#), [typecast](#), [verror](#), [vmessage](#)

---

The Chandra X-Ray Center (CXC) is operated for NASA by the Smithsonian Astrophysical Observatory.  
60 Garden Street, Cambridge, MA 02138 USA.  
Smithsonian Institution, Copyright © 1998–2006. All rights reserved.

URL:  
[http://cxc.harvard.edu/ciao3.4/set\\_float\\_format.tm.html](http://cxc.harvard.edu/ciao3.4/set_float_format.tm.html)  
Last modified: December 2006

