



 AHELP for CIAO 3.4

fwrite

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Synopsis

Write binary data to a file

Syntax

```
UInt_Type fwrite (b, File_Type fp)
```

Description

The fwrite may be used to write the object represented by b to an open file. If b is a string or an array, the function will attempt to write all elements of the object to the file. It returns the number of objects successfully written, otherwise it returns -1 upon error and sets errno accordingly.

Example

The following example illustrates how to write an integer array to a file. In this example, fp is an open file descriptor:

```
variable a = [1:50];      % 50 element integer array
if (50 != fwrite (a, fp))
    error ("fwrite failed");
```

Here is how to write the array one element at a time:

```
variable a = [1:50];
foreach (a)
{
    variable ai = ();
    if (1 != fwrite(ai, fp))
        error ("fwrite failed");
}
```

Not all data types may support the fwrite operation. However, it is supported by all vector, scalar, and string objects.

See Also

slangrtl

[clearerr](#), [fclose](#), [fdopen](#), [feof](#), [ferror](#), [fflush](#), [fgets](#), [fgetslines](#), [fileno](#), [fopen](#), [fprintf](#), [fputs](#), [fread](#), [fseek](#), [ftell](#), [isatty](#), [mkdir](#), [open](#), [pack](#), [pad](#) [pack](#) [format](#), [popen](#), [printf](#), [read](#), [sizeof](#) [pack](#), [scanf](#), [uname](#), [unpack](#), [write](#)

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URL:
<http://cxc.harvard.edu/ciao3.4/fwrite.tm.html>
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