AHELP for CIAO 3.4 **fwrite** Context: slangrtl

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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

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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, sscanf, uname, unpack, write

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