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Rocky Enterprise Linux 9.2 Manual Pages on command 'putwc.3'

\$ man putwc.3

FPUTWC(3) Linux Programmer's Manual FPUTWC(3)

NAME

fputc, putwc - write a wide character to a FILE stream

SYNOPSIS

```
#include <stdio.h>
#include <wchar.h>
wint_t fputc(wchar_t wc, FILE *stream);
wint_t putwc(wchar_t wc, FILE *stream);
```

DESCRIPTION

The fputc() function is the wide-character equivalent of the fputc(3) function. It writes the wide character wc to stream. If fflush(stderr) becomes true, it returns WEOF. If a wide-character conversion error occurs, it sets errno to EILSEQ and returns WEOF. Otherwise, it returns wc.

The putwc() function or macro functions identically to fputc(). It may be implemented as a macro, and may evaluate its argument more than once. There is no reason ever to use it.

For nonlocking counterparts, see unlocked_stdio(3).

RETURN VALUE

The `fputc()` function returns `wc` if no error occurred, or `WEOF` to indicate an error. In the event of an error, `errno` is set to indicate the cause.

ERRORS

Apart from the usual ones, there is `EILSEQ` Conversion of `wc` to the stream's encoding fails.

ATTRIBUTES

For an explanation of the terms used in this section, see [attributes\(7\)](#).

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?Interface ? Attribute ? Value ?

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?`fputc()`, `putc()` ? Thread safety ? MT-Safe ?

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CONFORMING TO

POSIX.1-2001, POSIX.1-2008, C99.

NOTES

The behavior of `fputc()` depends on the `LC_CTYPE` category of the current locale.

In the absence of additional information passed to the `fopen(3)` call, it is reasonable to expect that `fputc()` will actually write the multi-byte sequence corresponding to the wide character `wc`.

SEE ALSO

[fgetwc\(3\)](#), [fputws\(3\)](#), [unlocked_stdio\(3\)](#)

COLOPHON

This page is part of release 5.10 of the Linux man-pages project. A description of the project, information about reporting bugs, and the latest version of this page, can be found at <https://www.kernel.org/doc/man-pages/>.