



Linux Ubuntu 26.04 Manual Pages on command 'putwc.3'

\$ man putwc.3

fputwc(3) Library Functions Manual fputwc(3)

NAME

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

LIBRARY

Standard C library (libc, -lc)

SYNOPSIS

```
#include <stdio.h>

#include <wchar.h>

wint_t fputwc(wchar_t wc, FILE *stream);

wint_t putwc(wchar_t wc, FILE *stream);
```

DESCRIPTION

The fputwc() function is the wide-character equivalent of the fputc(3) function. It writes the wide character wc to stream. If ferror(stream) 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 fputwc(). 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

On success, fputwc() function returns wc. Otherwise, WEOF is returned, and errno is set to indicate the error.

ERRORS

Apart from the usual ones, there is

ATTRIBUTES

[illegible][illegible][illegible]

C11, POSIX.1-2008.

C99, POSIX.1-2001.

The behavior of `fputwc()` 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 `fputwc()` will actually write the multibyte sequence corresponding to the wide character `wc`.

fgetwc(3), fputws(3), unlocked_stdio(3)

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```
fputc(3)
```