



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

\$ man fgetwc.3

fgetwc(3) Library Functions Manual fgetwc(3)

NAME

fgetwc, getwc - read a wide character from a FILE stream

LIBRARY

Standard C library (libc, -lc)

SYNOPSIS

```
#include <stdio.h>

#include <wchar.h>

wint_t fgetwc(FILE *stream);

wint_t getwc(FILE *stream);
```

DESCRIPTION

The fgetwc() function is the wide-character equivalent of the fgetc(3) function. It reads a wide character from stream and returns it. If the end of stream is reached, or if ferror(stream) becomes true, it returns WEOF. If a wide-character conversion error occurs, it sets errno to EILSEQ and returns WEOF.

The getwc() function or macro functions identically to fgetwc(). 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, fgetwc() returns the next wide-character from the stream. Otherwise, WEOF is returned, and errno is set to indicate the error.

ERRORS

Apart from the usual ones, there is

