



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

\$ man ungetwc.3

ungetwc(3) Library Functions Manual ungetwc(3)

NAME

ungetwc - push back a wide character onto a FILE stream

LIBRARY

Standard C library (libc, -lc)

SYNOPSIS

```
#include <wchar.h>

wint_t ungetwc(wint_t wc, FILE *stream);
```

DESCRIPTION

The `ungetwc()` function is the wide-character equivalent of the `ungetc(3)` function. It pushes back a wide character onto stream and returns it.

If `wc` is `WEOF`, it returns `WEOF`. If `wc` is an invalid wide character, it sets `errno` to `EILSEQ` and returns `WEOF`.

If `wc` is a valid wide character, it is pushed back onto the stream and thus becomes available for future wide-character read operations. The file-position indicator is decremented by one or more. The end-of-file indicator is cleared. The backing storage of the file is not affected.

Note: `wc` need not be the last wide-character read from the stream; it can be any other valid wide character.

If the implementation supports multiple push-back operations in a row, the pushed-back wide characters will be read in reverse order; however, only one level of push-back is guaranteed.

RETURN VALUE

ATTRIBUTES

[illegible][illegible][illegible]

C11, POSIX.1-2008.

POSIX.1-2001, C99.

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

fgetwc(3)

```
ungetwc(3)
```