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

\$ man ungetwc.3

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

NAME

ungetwc - push back a wide character onto a FILE stream

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

The `ungetwc()` function returns `wc` when successful, or `WEOF` upon failure.

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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?ungetwc() ? Thread safety ? MT-Safe ?

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CONFORMING TO

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

NOTES

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

SEE ALSO

fgetwc(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/>.