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

\$ man fgetws.3

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

NAME

fgetws - read a wide-character string from a FILE stream

SYNOPSIS

```
#include <wchar.h>

wchar_t *fgetws(wchar_t *ws, int n, FILE *stream);
```

DESCRIPTION

The fgetws() function is the wide-character equivalent of the fgets(3) function. It reads a string of at most n-1 wide characters into the wide-character array pointed to by ws, and adds a terminating null wide character (L'\0'). It stops reading wide characters after it has encountered and stored a newline wide character. It also stops when end of stream is reached.

The programmer must ensure that there is room for at least n wide characters at ws.

For a nonlocking counterpart, see unlocked_stdio(3).

RETURN VALUE

The fgetws() function, if successful, returns ws. If end of stream was already reached or if an error occurred, it returns NULL.

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

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CONFORMING TO

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

NOTES

The behavior of `fgetws()` 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 `fgetws()` will actually read a multibyte string from the stream and then convert it to a wide-character string.

This function is unreliable, because it does not permit to deal properly with null wide characters that may be present in the input.

SEE ALSO

`fgetwc(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/>.

GNU

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