



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

\$ man fgetws.3

fgetws(3) Library Functions Manual fgetws(3)

NAME _____

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

LIBRARY

Standard C library (libc, -lc)

SYNOPSIS

```
#include <wchar.h>
```

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

DESCRIPTION

The `wgetws()` function is the wide-character equivalent of the `wget(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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