



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

\$ man wcwidth.3

wcwidth(3) Library Functions Manual wcwidth(3)

NAME _____

wcwidth - determine columns needed for a wide character

LIBRARY

Standard C library (libc, -lc)

SYNOPSIS

```
#define _XOPEN_SOURCE      /* See feature_test_macros(7) */
#include <wchar.h>

int wcwidth(wchar_t wc);
```

DESCRIPTION

The `wcwidth()` function returns the number of columns needed to represent the wide character `wc`. If `wc` is a printable wide character, the value is at least 0. If `wc` is null wide character (`L'\0'`), the value is 0. Otherwise, -1 is returned.

RETURN VALUE

The `wcwidth()` function returns the number of column positions for `wc`.

ATTRIBUTES

For an explanation of the terms used in this section, see `attributes(7)`.

[illegible]

? Interface	? Attribute	? Value	?
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[illegible]

? wwidth() ? Thread safety ? MT-Safe locale ?

[illegible]

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STANDARDS

POSIX.1-2008.

HISTORY

POSIX.1-2001.

Note that before glibc 2.2.5, glibc used the prototype

```
int wwidth(wint_t wc);
```

NOTES

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

SEE ALSO

`iswprint(3)`, `wcswidth(3)`

Linux man-pages 6.17

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`wwidth(3)`