



## Rocky Enterprise Linux 9.2 Manual Pages on command 'wctype.3'

C:\>man wctype.3

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

### NAME

wctype - determine columns needed for a wide character

### SYNOPSIS

```
#define _XOPEN_SOURCE /* See feature_test_macros(7) */  
  
#include <wctype.h>  
  
int wctype(wchar_t c);
```

### DESCRIPTION

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

### RETURN VALUE

The wctype() function returns the number of column positions for c.

### 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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?wctype() ? Thread safety ? MT-Safe locale ?

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### CONFORMING TO

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

Note that glibc before 2.2.5 used the prototype

```
int wwidth(wint_t c);
```

## NOTES

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

## SEE ALSO

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

## COLOPHON

This page is part of release 5.05 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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WCWIDTH(3)