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

\$ 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 wctype(wint_t c);

NOTES

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

SEE ALSO

iswprint(3), wcswidth(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/>.

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