

NAME

iswcntrl – test for control wide character

SYNOPSIS

```
#include <wctype.h>

int iswcntrl(wint_t wc);
```

DESCRIPTION

The **iswcntrl()** function is the wide-character equivalent of the [iscntrl\(3\)](#) function. It tests whether *wc* is a wide character belonging to the wide-character class "cntrl".

The wide-character class "cntrl" is disjoint from the wide-character class "print" and therefore also disjoint from its subclasses "graph", "alpha", "upper", "lower", "digit", "xdigit", "punct".

For an unsigned char *c*, *iscntrl(c)* implies *iswcntrl(btowc(c))*, but not vice versa.

RETURN VALUE

The **iswcntrl()** function returns nonzero if *wc* is a wide character belonging to the wide-character class "cntrl". Otherwise, it returns zero.

ATTRIBUTES

For an explanation of the terms used in this section, see [attributes\(7\)](#).

Interface	Attribute	Value
iswcntrl()	Thread safety	MT-Safe locale

CONFORMING TO

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

NOTES

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

SEE ALSO

[iscntrl\(3\)](#), [iswctype\(3\)](#)

COLOPHON

This page is part of release 4.16 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/>.