

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 **isctrl(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*, *isctrl(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

isctrl(3), **iswctype(3)**

COLOPHON

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