

**NAME**

iswcntrl – test for control wide character

**LIBRARY**

Standard C library (*libc*, *-lc*)

**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

**STANDARDS**

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)**