NAME

iswpunct − test for punctuation or symbolic wide character

SYNOPSIS

#include <wctype.h>

int iswpunct(wint_t *wc***);**

DESCRIPTION

The **iswpunct**() function is the wide-character equivalent of the ispunct(3) function. It tests whether *wc* is a wide character belonging to the wide-character class "punct".

The wide-character class "punct" is a subclass of the wide-character class "graph", and therefore also a subclass of the wide-character class "print".

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

Being a subclass of the wide-character class "print", the wide-character class "punct" is disjoint from the wide-character class "cntrl".

Being a subclass of the wide-character class "graph", the wide-character class "punct" is disjoint from the wide-character class "space" and its subclass "blank".

RETURN VALUE

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

ATTRIBUTES

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

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

CONFORMING TO

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

NOTES

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

This function's name is a misnomer when dealing with Unicode characters, because the wide-character class "punct" contains both punctuation characters and symbol (math, currency, etc.) characters.

SEE ALSO

ispunct(3), iswctype(3)

COLOPHON

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