



Linux Ubuntu 26.04 Manual Pages on command 'iswpunct.3'

\$ man iswpunct.3

iswpunct(3) Library Functions Manual iswpunct(3)

NAME

iswpunct - test for punctuation or symbolic wide character

LIBRARY

Standard C library (libc, -lc)

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

[illegible]

C11, POSIX.1-2008.

POSIX.1-2001, C99.

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.

ispunct(3), iswctype(3)

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