



Rocky Enterprise Linux 9.2 Manual Pages on command 'iswpunct.3'

C:\>man iswpunct.3

ISWPUNCT(3) Linux Programmer's Manual ISWPUNCT(3)

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

This page is part of release 5.05 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/>.