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## ***Rocky Enterprise Linux 9.2 Manual Pages on command 'iswdigit.3'***

**\$ man iswdigit.3**

ISWDIGIT(3)

Linux Programmer's Manual

ISWDIGIT(3)

### NAME

iswdigit - test for decimal digit wide character

### SYNOPSIS

```
#include <wctype.h>

int iswdigit(wint_t wc);
```

### DESCRIPTION

The `iswdigit()` function is the wide-character equivalent of the `isdigit(3)` function. It tests whether `wc` is a wide character belonging to the wide-character class "digit".

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

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

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

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

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

The wide-character class "digit" always contains exactly the digits '0' to '9'.

### RETURN VALUE

The `iswdigit()` function returns nonzero if `wc` is a wide character belonging to the wide-

character class "digit". Otherwise, it returns zero.

## ATTRIBUTES

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

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?Interface ? Attribute ? Value ?

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?iswdigit() ? Thread safety ? MT-Safe locale ?

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## CONFORMING TO

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

## NOTES

The behavior of iswdigit() depends on the LC\_CTYPE category of the current locale.

## SEE ALSO

isdigit(3), iswctype(3)

## COLOPHON

This page is part of release 5.10 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/>.