



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

\$ man iswdigit.3

iswdigit(3) Library Functions Manual iswdigit(3)

NAME

iswdigit - test for decimal digit wide character

LIBRARY

Standard C library (libc, -lc)

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)`.

[illegible]

?	Interface	?	Attribute	?	Value	?
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[illegible]

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

[illegible]

STANDARDS

C11, POSIX.1-2008.

HISTORY

POSIX.1-2001, C99.

NOTES

The behavior of `iswdigit()` depends on the `LC_CTYPE` category of the current locale.

SEE ALSO

```
isdigit(3), iswctype(3)
```