



Red Hat Enterprise Linux Release 9.2 Manual Pages on 'iswdigit.3' command

\$ 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\(7\)](#).

??

?Interface ? Attribute ? Value ?

??

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

??

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/>.