



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

\$ man iswxdigit.3

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

NAME

iswxdigit - test for hexadecimal digit wide character

SYNOPSIS

```
#include <wctype.h>

int iswxdigit(wint_t wc);
```

DESCRIPTION

The `iswxdigit()` function is the wide-character equivalent of the `isxdigit(3)` function. It tests whether `wc` is a wide character belonging to the wide-character class "xdigit".

The wide-character class "xdigit" is a subclass of the wide-character class "alnum", and therefore also a subclass 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 "xdigit" is disjoint from the wide-character class "cntrl".

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

The wide-character class "xdigit" always contains at least the letters 'A' to 'F', 'a' to 'f' and the digits '0' to '9'.

RETURN VALUE

The `iswxdigit()` function returns nonzero if `wc` is a wide character belonging to the wide-character class "xdigit". 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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?iswxdigit() ? Thread safety ? MT-Safe locale ?

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CONFORMING TO

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

NOTES

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

SEE ALSO

[iswctype\(3\)](#), [isxdigit\(3\)](#)

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/>.

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