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

***$ man iswalnum.3***

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

NAME

iswalnum - test for alphanumeric wide character

SYNOPSIS

#include <wctype.h>

int iswalnum(wint_t wc);

DESCRIPTION

The iswalnum() function is the wide-character equivalent of the isal? num(3) function. It tests whether wc is a wide character belonging to the wide-character class "alnum".

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

Being a subclass of the wide-character class "print", the wide-charac? ter class "alnum" is disjoint from the wide-character class "cntrl".

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

The wide-character class "alnum" is disjoint from the wide-character class "punct".

The wide-character class "alnum" is the union of the wide-character classes "alpha" and "digit". As such, it also contains the wide-character class "xdigit".

The wide-character class "alnum" always contains at least the letters 'A' to 'Z', 'a' to 'z' and the digits '0' to '9'.

## RETURN VALUE

The iswalnum() function returns nonzero if wc is a wide character belonging to the wide-character class "alnum". Otherwise, it returns zero.

## ATTRIBUTES

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

| Interface | Attribute | Value |
|---|---|---|
| iswalnum() | Thread safety | MT-Safe locale |

## CONFORMING TO

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

## NOTES

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

## SEE ALSO

isalnum(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/.