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## **Red Hat Enterprise Linux Release 9.2 Manual Pages on 'iswalnum.3' command**

**\$ 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 `isalnum(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-character class "alnum" is disjoint from the wide-character class "cntrl".

Being a subclass of the wide-character class "graph", the wide-character 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).

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?Interface ? Attribute ? Value ?

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

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#### 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/>.