



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

\$ man iswalnum.3

iswalnum(3) Library Functions Manual iswalnum(3)

NAME

iswalnum - test for alphanumeric wide character

LIBRARY

Standard C library (libc, -lc)

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

ATTRIBUTES

[illegible][illegible][illegible]

STANDARDS

HISTORY

NOTES

SEE ALSO

Linux man-pages 6.17 2026-02-08 iswalnum(3)