



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

\$ man iswalpha.3

iswalpha(3) Library Functions Manual iswalpha(3)

NAME

iswalpha - test for alphabetic wide character

LIBRARY

Standard C library (libc, -lc)

SYNOPSIS

```
#include <wctype.h>

int iswalpha(wint_t wc);
```

DESCRIPTION

The `iswalpha()` function is the wide-character equivalent of the `isalpha(3)` function. It tests whether `wc` is a wide character belonging to the wide-character class "alpha".

The wide-character class "alpha" 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 "alpha" is disjoint from the wide-character class "cntrl".

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

The wide-character class "alpha" is disjoint from the wide-character class "digit".

The wide-character class "alpha" contains the wide-character classes "upper" and "lower".

The wide-character class "alpha" always contains at least the letters 'A' to 'Z' and 'a' to

'Z'.

RETURN VALUE

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

ATTRIBUTES

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

[illegible]

? Interface	? Attribute	? Value	?
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[illegible]

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

[illegible]

STANDARDS

C11, POSIX.1-2008.

HISTORY

POSIX.1-2001, C99.

NOTES

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

SEE ALSO

isalpha(3), iswctype(3)