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

***\$ man iswalpha.3***

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

#### **NAME**

iswalpha - test for alphabetic wide character

#### **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 `iswalpha()` 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)`.

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?Interface ? Attribute ? Value ?

??

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

??

## CONFORMING TO

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

## NOTES

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

## SEE ALSO

`isalpha(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/>.

GNU 2015-08-08 ISWALPHA(3)