



Red Hat Enterprise Linux Release 9.2 Manual Pages on 'iswlower.3' command

\$ man iswlower.3

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

NAME

iswlower - test for lowercase wide character

SYNOPSIS

```
#include <wctype.h>

int iswlower(wint_t wc);
```

DESCRIPTION

The `iswlower()` function is the wide-character equivalent of the `islower(3)` function. It tests whether `wc` is a wide character belonging to the wide-character class "lower".

The wide-character class "lower" is a subclass of the wide-character class "alpha", and therefore also a subclass of the wide-character class "alnum", 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 "lower" is disjoint from the wide-character class "cntrl".

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

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

The wide-character class "lower" contains at least those characters `wc` which are equal to `towlower(wc)` and different from `towupper(wc)`.

The wide-character class "lower" always contains at least the letters 'a' to 'z'.

RETURN VALUE

The `iswlower()` function returns nonzero if `wc` is a wide character belonging to the wide-character class "lower". 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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?iswlower() ? Thread safety ? MT-Safe locale ?

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CONFORMING TO

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

NOTES

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

This function is not very appropriate for dealing with Unicode characters, because Unicode knows about three cases: upper, lower and title case.

SEE ALSO

`islower(3)`, `iswctype(3)`, `towlower(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/>.