



*Full credit is given to the above companies including the OS that this PDF file was generated!*

## **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 `is?`

`lower(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 at?tributes(7).

??

?Interface ? Attribute ? Value ?

??

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

??

## 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/>.