



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

***\$ man wcsnlen.3***

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

**NAME**

wcsnlen - determine the length of a fixed-size wide-character string

**SYNOPSIS**

```
#include <wchar.h>
```

```
size_t wcsnlen(const wchar_t *s, size_t maxlen);
```

Feature Test Macro Requirements for glibc (see feature\_test\_macros(7)):

```
wcsnlen():
```

Since glibc 2.10:

```
_POSIX_C_SOURCE >= 200809L
```

Before glibc 2.10:

```
_GNU_SOURCE
```

**DESCRIPTION**

The `wcsnlen()` function is the wide-character equivalent of the `strnlen(3)` function. It returns the number of wide-characters in the string pointed to by `s`, not including the terminating null wide character (`L'\0'`), but at most `maxlen` wide characters (note: this parameter is not a byte count). In doing this, `wcsnlen()` looks at only the first



maxlen wide characters at s and never beyond s+maxlen.

## RETURN VALUE

The `wcsnlen()` function returns `wcslen(s)`, if that is less than `maxlen`, or `maxlen` if there is no null wide character among the first `maxlen` wide characters pointed to by `s`.

## VERSIONS

The `wcsnlen()` function is provided in glibc since version 2.1.

## ATTRIBUTES

For an explanation of the terms used in this section, see at?tributes(7).

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?Interface ? Attribute ? Value ?

??

?wcsnlen() ? Thread safety ? MT-Safe ?

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## CONFORMING TO

POSIX.1-2008.

## SEE ALSO

`strnlen(3)`, `wcslen(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/>.

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