



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

\$ man wcsnlen.3

wcsnlen(3) Library Functions Manual wcsnlen(3)

NAME

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

LIBRARY

Standard C library (libc, -lc)

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 `strlen(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-1]`.

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`.

ATTRIBUTES

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

[illegible]

? Interface	? Attribute	? Value	?
-------------	-------------	---------	---

[illegible]

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

[illegible]

STANDARDS

POSIX.1-2008.

HISTORY

glibc 2.1.

SEE ALSO

strnlen(3), wcslen(3)

Linux man-pages 6.17

2026-02-08

wcsnlen(3)