



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

\$ 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 `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`.

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)`.

??

?Interface ? Attribute ? Value ?

??

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

??

CONFORMING TO

POSIX.1-2008.

SEE ALSO

`strlen(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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