

NAME

wcslen – determine the length of a wide-character string

LIBRARY

Standard C library (*libc*, *-lc*)

SYNOPSIS

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

```
size_t wcslen(const wchar_t *s);
```

DESCRIPTION

The **wcslen()** function is the wide-character equivalent of the **strlen(3)** function. It determines the length of the wide-character string pointed to by *s*, excluding the terminating null wide character (L'\0').

RETURN VALUE

The **wcslen()** function returns the number of wide characters in *s*.

ATTRIBUTES

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

| Interface | Attribute | Value |
|-----------------|---------------|---------|
| wcslen() | Thread safety | MT-Safe |

STANDARDS

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

NOTES

In cases where the input buffer may not contain a terminating null wide character, **wcsnlen(3)** should be used instead.

SEE ALSO

strlen(3)