## NAME

strlen − calculate the length of a string

## SYNOPSIS

**#include <string.h>**

**size_t strlen(const char \****s***);**

## DESCRIPTION

The **strlen**() function calculates the length of the string pointed to by *s*, excluding the terminating null byte ('\0').

## RETURN VALUE

The **strlen**() function returns the number of bytes in the string pointed to by *s*.

## ATTRIBUTES

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

| Interface | Attribute | Value |
|-----------|-----------|-------|
| **strlen**() | Thread safety | MT-Safe |

## CONFORMING TO

POSIX.1-2001, POSIX.1-2008, C89, C99, C11, SVr4, 4.3BSD.

## SEE ALSO

**string**(3), **strnlen**(3), **wcslen**(3), **wcsnlen**(3)

## COLOPHON

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