NAME

strlen − calculate the length of a string

LIBRARY

Standard C library (*libc*, *−lc*)

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

STANDARDS

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

NOTES

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

SEE ALSO

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