

**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 characters in the string pointed to by `s`.

**ATTRIBUTES**

For an explanation of the terms used in this section, see [attributes\(7\)](#).

Interface	Attribute	Value
<code>strlen()</code>	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**

This page is part of release 4.10 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/>.