

NAME

strlen, **strlen** - find length of string

LIBRARY

Standard C Library (libc, -lc)

SYNOPSIS

```
#include <string.h>
```

size_t

```
strlen(const char *s);
```

size_t

```
strlen(const char *s, size_t maxlen);
```

DESCRIPTION

The **strlen()** function computes the length of the string *s*. The **strlen()** function attempts to compute the length of *s*, but never scans beyond the first *maxlen* bytes of *s*.

RETURN VALUES

The **strlen()** function returns the number of characters that precede the terminating NUL character. The **strlen()** function returns either the same result as **strlen()** or *maxlen*, whichever is smaller.

SEE ALSO

string(3), wcslen(3), wcswidth(3)

STANDARDS

The **strlen()** function conforms to ISO/IEC 9899:1990 ("ISO C90"). The **strlen()** function conforms to IEEE Std 1003.1-2008 ("POSIX.1").

HISTORY

The **strlen()** function first appeared in the Programmer's Workbench (PWB/UNIX) and was ported to Version 7 AT&T UNIX. The **strlen()**