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### ***Rocky Enterprise Linux 9.2 Manual Pages on command 'strnlen.3'***

#### ***\$ man strnlen.3***

STRNLEN(3)           Linux Programmer's Manual           STRNLEN(3)

#### NAME

strnlen - determine the length of a fixed-size string

#### SYNOPSIS

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

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

Feature Test Macro Requirements for glibc (see feature\_test\_macros(7)):

strnlen():

Since glibc 2.10:

```
_POSIX_C_SOURCE >= 200809L
```

Before glibc 2.10:

```
_GNU_SOURCE
```

#### DESCRIPTION

The `strnlen()` function returns the number of bytes in the string pointed to by `s`, excluding the terminating null byte (`'\0'`), but at most `maxlen`. In doing this, `strnlen()` looks only at the first `maxlen` characters in the string pointed to by `s` and never beyond `s[maxlen-1]`.

#### RETURN VALUE

The `strlen()` function returns `strlen(s)`, if that is less than `maxlen`, or `maxlen` if there is no null terminating (`'\0'`) among the first `maxlen` characters 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.1-2008.

## SEE ALSO

`strlen(3)`

## COLOPHON

This page is part of release 5.10 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/>.

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