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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 strnlen() 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).

??

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?Interface ? Attribute ? Value ?
???
?strnlen() ? 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/>.

GNU

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