



Rocky Enterprise Linux 9.2 Manual Pages on command 'strcmp.3'

C:\>man strcmp.3

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

NAME

strcmp, strncmp - compare two strings

SYNOPSIS

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

```
int strcmp(const char *s1, const char *s2);
```

```
int strncmp(const char *s1, const char *s2, size_t n);
```

DESCRIPTION

The `strcmp()` function compares the two strings `s1` and `s2`. The locale is not taken into account (for a locale-aware comparison, see `strcoll(3)`). It returns an integer less than, equal to, or greater than zero if `s1` is found, respectively, to be less than, to match, or be greater than `s2`.

The `strncmp()` function is similar, except it compares only the first (at most) `n` bytes of `s1` and `s2`.

RETURN VALUE

The `strcmp()` and `strncmp()` functions return an integer less than, equal to, or greater than zero if `s1` (or the first `n` bytes thereof) is found, respectively, to be less than, to match, or be greater than `s2`.

ATTRIBUTES

For an explanation of the terms used in this section, see `attributes(7)`.

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?Interface ? Attribute ? Value ?

??

?strcmp(), strncmp() ? Thread safety ? MT-Safe ?

??

CONFORMING TO

POSIX.1-2001, POSIX.1-2008, C89, C99, SVr4, 4.3BSD.

SEE ALSO

bcmp(3), memcmp(3), strcasecmp(3), strcoll(3), string(3), strncasecmp(3), strver?
scmp(3), wcscmp(3), wcsncmp(3)

COLOPHON

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