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*. 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 the only 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).

Interface	Attribute	Value
strcmp(), **strncmp**()	Thread safety	MT-Safe

CONFORMING TO

SVr4, 4.3BSD, C89, C99.

SEE ALSO

bcmp(3), **memcmp**(3), **strcasecmp**(3), **strcoll**(3), **string**(3), **strncasecmp**(3), **strverscmp**(3), **wcscmp**(3), **wcsncmp**(3)

COLOPHON

This page is part of release 3.53 of the Linux *man-pages* project. A description of the project, and information about reporting bugs, can be found at http://www.kernel.org/doc/man−pages/.