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).

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), **strverscmp**(3), **wcscmp**(3), **wcsncmp**(3)

COLOPHON

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