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

\$ man strncasecmp.3

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

NAME

strcasecmp, strncasecmp - compare two strings ignoring case

SYNOPSIS

```
#include <strings.h>
```

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

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

DESCRIPTION

The `strcasecmp()` function performs a byte-by-byte comparison of the strings `s1` and `s2`, ignoring the case of the characters. 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 `strncasecmp()` function is similar, except that it compares no more than `n` bytes of `s1` and `s2`.

RETURN VALUE

The `strcasecmp()` and `strncasecmp()` functions return an integer less than, equal to, or greater than zero if `s1` is, after ignoring case, found to be less than, to match, or be greater than `s2`, respectively.

ATTRIBUTES

For an explanation of the terms used in this section, see at?

tributes(7).

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?Interface ? Attribute ? Value ?

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?strcasecmp(), strncasecmp() ? Thread safety ? MT-Safe locale ?

??

CONFORMING TO

4.4BSD, POSIX.1-2001, POSIX.1-2008.

NOTES

The strcasecmp() and strncasecmp() functions first appeared in 4.4BSD, where they were declared in <string.h>. Thus, for reasons of historical compatibility, the glibc <string.h> header file also declares these functions, if the _DEFAULT_SOURCE (or, in glibc 2.19 and earlier, _BSD_SOURCE) feature test macro is defined.

The POSIX.1-2008 standard says of these functions:

When the LC_CTYPE category of the locale being used is from the POSIX locale, these functions shall behave as if the strings had been converted to lowercase and then a byte comparison performed. Otherwise, the results are unspecified.

SEE ALSO

bcmp(3), memcmp(3), strcmp(3), strcoll(3), string(3), strncmp(3), wcasecmp(3), wcsncasecmp(3)

COLOPHON

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