



Linux Ubuntu 26.04 Manual Pages on command 'strcasecmp.3'

\$ man strcasecmp.3

strcasecmp(3) Library Functions Manual strcasecmp(3)

NAME _____

strcasecmp, strncasecmp - compare two strings ignoring case

LIBRARY

Standard C library (libc, -lc)

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 case.

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 s_2 , respectively.

ATTRIBUTES

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

[illegible]

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?	Interface	?	Attribute	?	Value	?
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[illegible]

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

[illegible]

STANDARDS

POSIX.1-2008.

HISTORY

4.4BSD, POSIX.1-2001.

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

memcmp(3), strcmp(3), strcoll(3), string(3), strncmp(3), wcscasecmp(3), wcsncasecmp(3)

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