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Red Hat Enterprise Linux Release 9.2 Manual Pages on 'wcscasecmp.3p' command

\$ man wcscasecmp.3p

WCSCASECMP(3P) POSIX Programmer's Manual WCSCASECMP(3P)

PROLOG

This manual page is part of the POSIX Programmer's Manual. The Linux implementation of this interface may differ (consult the corresponding Linux manual page for details of Linux behavior), or the interface may not be implemented on Linux.

NAME

wcscasecmp, wcscasecmp_l, wcsncasecmp, wcsncasecmp_l ? case-insensitive wide-character string comparison

SYNOPSIS

```
#include <wchar.h>

int wcscasecmp(const wchar_t *ws1, const wchar_t *ws2);

int wcscasecmp_l(const wchar_t *ws1, const wchar_t *ws2,
                 locale_t locale);

int wcsncasecmp(const wchar_t *ws1, const wchar_t *ws2, size_t n);

int wcsncasecmp_l(const wchar_t *ws1, const wchar_t *ws2,
                  size_t n, locale_t locale);
```

DESCRIPTION

The `wcscasecmp()` and `wcsncasecmp()` functions are the wide-character equivalent of the `strcasecmp()` and `strncasecmp()` functions, respectively.

The `wcscasecmp()` and `wcscasecmp_l()` functions shall compare, while ignoring differences in case, the wide-character string pointed to by `ws1`

to the wide-character string pointed to by ws2.

The `wcsncasecmp()` and `wcsncasecmp_l()` functions shall compare, while ignoring differences in case, not more than `n` wide-characters from the wide-character string pointed to by ws1 to the wide-character string pointed to by ws2.

The `wcscasecmp()` and `wcsncasecmp()` functions use the current locale to determine the case of the wide characters.

The `wcscasecmp_l()` and `wcsncasecmp_l()` functions use the locale represented by locale to determine the case of the wide characters.

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

The information for `wcscasecmp_l()` and `wcsncasecmp_l()` about the case of the characters comes from the locale represented by locale.

The behavior is undefined if the locale argument to `wcscasecmp_l()` or `wcsncasecmp_l()` is the special locale object `LC_GLOBAL_LOCALE` or is not a valid locale object handle.

RETURN VALUE

Upon completion, the `wcscasecmp()` and `wcscasecmp_l()` functions shall return an integer greater than, equal to, or less than 0 if the wide-character string pointed to by ws1 is, ignoring case, greater than, equal to, or less than the wide-character string pointed to by ws2, respectively.

Upon completion, the `wcsncasecmp()` and `wcsncasecmp_l()` functions shall return an integer greater than, equal to, or less than 0 if the possibly null wide-character terminated string pointed to by ws1 is, ignoring case, greater than, equal to, or less than the possibly null wide-character terminated string pointed to by ws2, respectively.

No return values are reserved to indicate an error.

ERRORS

No errors are defined.

The following sections are informative.

EXAMPLES

None.

APPLICATION USAGE

None.

RATIONALE

None.

FUTURE DIRECTIONS

None.

SEE ALSO

`strcasecmp()`, `wscmp()`, `wcsncmp()`

The Base Definitions volume of POSIX.1-2017, `<wchar.h>`

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