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### ***Rocky Enterprise Linux 9.2 Manual Pages on command 'wctrans.3'***

**\$ man wctrans.3**

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

NAME

wctrans - wide-character translation mapping

SYNOPSIS

```
#include <wctype.h>
```

```
wctrans_t wctrans(const char *name);
```

DESCRIPTION

The `wctrans_t` type represents a mapping which can map a wide character to another wide character. Its nature is implementation-dependent, but the `special` value (`wctrans_t`) 0 denotes an invalid mapping. Nonzero `wctrans_t` values can be passed to the `towctrans(3)` function to actually perform the wide-character mapping.

The `wctrans()` function returns a mapping, given by its name. The set of valid names depends on the `LC_CTYPE` category of the current locale, but the following names are valid in all locales.

"tolower" - realizes the `tolower(3)` mapping

"toupper" - realizes the `toupper(3)` mapping

RETURN VALUE

The `wctrans()` function returns a mapping descriptor if the name is valid. Otherwise, it returns (`wctrans_t`) 0.

## ATTRIBUTES

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

??

?Interface ? Attribute ? Value ?

??

?`wctrans()` ? Thread safety ? MT-Safe locale ?

??

## CONFORMING TO

POSIX.1-2001, POSIX.1-2008, C99.

## NOTES

The behavior of `wctrans()` depends on the `LC_CTYPE` category of the current locale.

## SEE ALSO

`towctrans(3)`

## COLOPHON

This page is part of release 5.10 of the Linux `man-pages` project. A description of the project, information about reporting bugs, and the latest version of this page, can be found at <https://www.kernel.org/doc/man-pages/>.