



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

\$ man wctrans.3

wctrans(3) Library Functions Manual wctrans(3)

NAME

wctrans - wide-character translation mapping

LIBRARY

Standard C library (libc, -lc)

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)`.

[illegible]

?	Interface	?	Attribute	?	Value	?
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[illegible]

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

[illegible]

STANDARDS

C11, POSIX.1-2008.

HISTORY

POSIX.1-2001, C99.

NOTES

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

SEE ALSO

towctrans(3)

Linux man-pages 6.17

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