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

**\$ man strxfrm.3**

### STRXFRM(3)

Linux Programmer's Manual

### STRXFRM(3)

NAME

## strxfrm - string transformation

## SYNOPSIS

```
#include <string.h>

size_t strxfrm(char *dest, const char *src, size_t n);
```

## DESCRIPTION

The `strxfrm()` function transforms the `src` string into a form such that the result of `strcmp(3)` on two strings that have been transformed with `strxfrm()` is the same as the result of `strcoll(3)` on the two strings before their transformation. The first `n` bytes of the transformed string are placed in `dest`. The transformation is based on the program's current locale for category `LC_COLLATE`. (See `setlocale(3)`).

## RETURN VALUE

The `strxfrm()` function returns the number of bytes required to store the transformed string in `dest` excluding the terminating null byte ('\0'). If the value returned is `n` or more, the contents of `dest` are indeterminate.

## ATTRIBUTES

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

### 3Interface 3 Attribute 3 Value 3

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

## CONFORMING TO

POSIX.1-2001, POSIX.1-2008, C89, C99, SVr4, 4.3BSD.

## SEE ALSO

`bcmp(3)`, `memcmp(3)`, `setlocale(3)`, `strcasecmp(3)`, `strcmp(3)`, `strcoll(3)`, `string(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/>.

GNU

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