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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).

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?Interface ? Attribute ? Value ?

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

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## 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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