



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

\$ man strxfrm.3

strxfrm(3) Library Functions Manual strxfrm(3)

NAME _____

strxfrm - string transformation

LIBRARY

Standard C library (libc, -lc)

SYNOPSIS

```
#include <string.h>

size_t strxfrm(size_t size;
               char dest[restrict size], const char src[restrict size],
               size_t size);
```

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 `size` 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 `size` or more, the contents of `dest` are indeterminate.

ATTRIBUTES

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

[illegible]

? Interface ? Attribute ? Value ?

??

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

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STANDARDS

C11, POSIX.1-2008.

HISTORY

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

SEE ALSO

memcmp(3), setlocale(3), strcasecmp(3), strcmp(3), strcoll(3), string(3)

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