NAME
　　　　strxfrm − string transformation

LIBRARY
　　　　Standard C library (*libc*, *−lc*)

SYNOPSIS
　　　　#include <string.h>

　　　　size_t strxfrm(char *dest***[restrict .***n***], const char** *src***[restrict .***n***],**
　　　　　　　　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 transforma-
　　　　tion 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* exclud-
　　　　ing the terminating null byte ('\0'). If the value returned is *n* or more, the contents of *dest* are indetermi-
　　　　nate.

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

Interface	Attribute	Value
strxfrm()	Thread safety	MT-Safe locale

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

SEE ALSO
　　　　memcmp(3), **setlocale**(3), **strcasecmp**(3), **strcmp**(3), **strcoll**(3), **string**(3)