

C LIBRARY FUNCTION - STRXFRM

http://www.tutorialspoint.com/c_standard_library/c_function_strxfrm.htm

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Description

The C library function **size_t strxfrm(char * dest, const char * src, size_t n)** transforms the first **n** characters of the string **src** into current locale and place them in the string **dest**.

Declaration

Following is the declaration for strxfrm function.

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

Parameters

- **dest** -- This is the pointer to the destination array where the content is to be copied. It can be a null pointer if the argument for n is zero.
- **src** -- This is the C string to be transformed into current locale.
- **n** -- The maximum number of characters to be copied to str1.

Return Value

This function returns the length of the transformed string, not including the terminating null-character.

Example

The following example shows the usage of strxfrm function.

```
#include <stdio.h>
#include <string.h>

int main()
{
    char dest[20];
    char src[20];
    int len;

    strcpy(src, "Tutorials Point");
    len = strxfrm(dest, src, 20);

    printf("Length of string |%s| is: |%d|", dest, len);

    return(0);
}
```

Let us compile and run the above program that will produce the following result:

```
Length of string |Tutorials Point| is: |15|
Loading [MathJax]/jax/output/HTML-CSS/jax.js
```