



***Rocky Enterprise Linux 9.2 Manual Pages on command 'stpncpy.3'***

***\$ man stpncpy.3***

STPNCPY(3)                      Linux Programmer's Manual                      STPNCPY(3)

NAME

stpncpy - copy a fixed-size string, returning a pointer to its end

SYNOPSIS

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

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

Feature Test Macro Requirements for glibc (see feature\_test\_macros(7)):

stpncpy():

Since glibc 2.10:

```
_POSIX_C_SOURCE >= 200809L
```

Before glibc 2.10:

```
_GNU_SOURCE
```

DESCRIPTION

The stpncpy() function copies at most n characters from the string pointed to by src, including the terminating null byte ('\0'), to the array pointed to by dest. Exactly n characters are written at dest. If the length strlen(src) is smaller than n, the remaining characters in the array pointed to by dest are filled with null bytes ('\0'). If

the length `strlen(src)` is greater than or equal to `n`, the string pointed to by `dest` will not be null-terminated.

The strings may not overlap.

The programmer must ensure that there is room for at least `n` characters at `dest`.

## RETURN VALUE

`stpncpy()` returns a pointer to the terminating null byte in `dest`, or, if `dest` is not null-terminated, `dest+n`.

## ATTRIBUTES

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

????????????????????????????????????

?Interface ? Attribute ? Value ?

????????????????????????????????????

?`stpncpy()` ? Thread safety ? MT-Safe ?

????????????????????????????????????

## CONFORMING TO

This function was added to POSIX.1-2008. Before that, it was a GNU extension. It first appeared in version 1.07 of the GNU C library in 1993.

## SEE ALSO

[strncpy\(3\)](#), [wcpncpy\(3\)](#)

## 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/>.