



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

C:\>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).

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?Interface ? Attribute ? Value ?

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

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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 5.05 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/>.