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Red Hat Enterprise Linux Release 9.2 Manual Pages on 'stpncpy.3' command

\$ 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/>.