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## ***Red Hat Enterprise Linux Release 9.2 Manual Pages on 'stpcpy.3' command***

### ***\$ man stpcpy.3***

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

#### NAME

stpcpy - copy a string returning a pointer to its end

#### SYNOPSIS

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

```
char *stpcpy(char *dest, const char *src);
```

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

```
stpcpy():
```

Since glibc 2.10:

```
  _POSIX_C_SOURCE >= 200809L
```

Before glibc 2.10:

```
  _GNU_SOURCE
```

#### DESCRIPTION

The `stpcpy()` function copies the string pointed to by `src` (including the terminating null byte ('\0')) to the array pointed to by `dest`. The strings may not overlap, and the destination string `dest` must be large enough to receive the copy.

#### RETURN VALUE

`stpcpy()` returns a pointer to the end of the string `dest` (that is, the address of the terminating null byte) rather than the beginning.

#### ATTRIBUTES

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

??

?Interface ? Attribute ? Value ?

??

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

??

### CONFORMING TO

This function was added to POSIX.1-2008. Before that, it was not part of the C or POSIX.1 standards, nor customary on UNIX systems. It first appeared at least as early as 1986, in the Lattice C AmigaDOS compiler, then in the GNU fileutils and GNU textutils in 1989, and in the GNU C library by 1992. It is also present on the BSDs.

### BUGS

This function may overrun the buffer dest.

### EXAMPLES

For example, this program uses stpcpy() to concatenate foo and bar to produce foobar, which it then prints.

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

int
main(void)
{
    char buffer[20];
    char *to = buffer;
    to = stpcpy(to, "foo");
    to = stpcpy(to, "bar");
    printf("%s\n", buffer);
}
```

### SEE ALSO

bcopy(3), memccpy(3), memcpy(3), memmove(3), stpncpy(3), strcpy(3), string(3), wcpcpy(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/>.

GNU

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