



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

**C:\>man mkdtemp.3**

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

### NAME

mkdtemp - create a unique temporary directory

### SYNOPSIS

```
#include <stdlib.h>
```

```
char *mkdtemp(char *template);
```

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

```
mkdtemp():
```

```
/* Since glibc 2.19: */ _DEFAULT_SOURCE
```

```
|| /* Glibc 2.19 and earlier: */ _BSD_SOURCE
```

```
|| /* Since glibc 2.10: */ _POSIX_C_SOURCE >= 200809L
```

### DESCRIPTION

The `mkdtemp()` function generates a uniquely named temporary directory from `template`. The last six characters of `template` must be `XXXXXX` and these are replaced with a string that makes the directory name unique. The directory is then created with permissions `0700`. Since it will be modified, `template` must not be a string constant, but should be declared as a character array.

### RETURN VALUE

The `mkdtemp()` function returns a pointer to the modified template string on success, and `NULL` on failure, in which case `errno` is set appropriately.

### ERRORS

`EINVAL` The last six characters of `template` were not `XXXXXX`. Now `template` is un?

changed.

Also see mkdir(2) for other possible values for errno.

## VERSIONS

Available since glibc 2.1.91.

## ATTRIBUTES

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

??

?Interface ? Attribute ? Value ?

??

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

??

## CONFORMING TO

POSIX.1-2008. This function is present on the BSDs.

## SEE ALSO

mktemp(1), mkdir(2), mkstemp(3), mktemp(3), tempnam(3), tmpfile(3), tmpnam(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/>.