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

\$ 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 unchanged.

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 5.10 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

2016-07-17

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