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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

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