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

$ 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 de?

    clared 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 ap?

    propriately.

ERRORS

EINVAL The last six characters of template were not XXXXXX.   Now tem‐

    plate 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 at‐

tributes(7).

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?Interface ? Attribute   ? Value   ?

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

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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/.

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