NAME
mkdtemp – create a unique temporary directory

LIBRARY
Standard C library (*libc*, *−lc*)

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 to indicate the error.

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

STANDARDS
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)