NAME
       mktemp - make a unique temporary filename

SYNOPSIS
       #include <stdlib.h>

       char *mktemp(char *template**);**

   Feature Test Macro Requirements for glibc (see feature_test_macros(7)):

       mktemp():
              Since glibc 2.12:
                     _BSD_SOURCE || _SVID_SOURCE || (_XOPEN_SOURCE >= 500 ||
                     _XOPEN_SOURCE && _XOPEN_SOURCE_EXTENDED) &&
                     !(_POSIX_C_SOURCE >= 200112L || _XOPEN_SOURCE >= 600)
              Before glibc 2.12:
                     _BSD_SOURCE || _SVID_SOURCE || _XOPEN_SOURCE >= 500 ||
                     _XOPEN_SOURCE && _XOPEN_SOURCE_EXTENDED

DESCRIPTION
       Never use this function; see NOTES.

       The **mktemp**() function generates a unique temporary filename from *template*. The last six char-
       acters of *template* must be XXXXXX and these are replaced with a string that makes the file-
       name unique. Since it will be modified, *template* must not be a string constant, but should be
       declared as a character array.

RETURN VALUE
       The **mktemp**() function always returns *template*. If a unique name was created, the last six
       bytes of *template* will have been modified in such a way that the resulting name is unique (i.e.,
       does not exist already) If a unique name could not be created, *template* is made an empty string,
       and *errno* is set to indicate the error.

ERRORS
       EINVAL
              The last six characters of *template* were not XXXXXX.

CONFORMING TO
       4.3BSD, POSIX.1-2001. POSIX.1-2008 removes the specification of **mktemp**().

BUGS
       Never use **mktemp**(). Some implementations follow 4.3BSD and replace XXXXXX by the cur-
       rent process ID and a single letter, so that at most 26 different names can be returned. Since on
       the one hand the names are easy to guess, and on the other hand there is a race between testing
       whether the name exists and opening the file, every use of **mktemp**() is a security risk. The race
       is avoided by mkstemp(3).

SEE ALSO
       mkstemp(3), tempnam(3), tmpfile(3), tmpnam(3)

COLOPHON
       This page is part of release 3.74 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
       http://www.kernel.org/doc/man-pages/.