

`explain_mktemp_or_die(3)``explain_mktemp_or_die(3)`

NAME

`explain_mktemp_or_die` – make a unique temporary filename and report errors

SYNOPSIS

```
#include <libexplain/mktemp.h>
char *explain_mktemp_or_die(char *pathname);
char *explain_mktemp_on_error(char *pathname);
```

DESCRIPTION

The **explain_mktemp_or_die** function is used to call the *mktemp(3)* system call. On failure an explanation will be printed to *stderr*, obtained from the *explain_mktemp(3)* function, and then the process terminates by calling `exit(EXIT_FAILURE)`.

The **explain_mktemp_on_error** function is used to call the *mktemp(3)* system call. On failure an explanation will be printed to *stderr*, obtained from the *explain_mktemp(3)* function, but still returns to the caller.

pathname

The pathname, exactly as to be passed to the *mktemp(3)* system call.

RETURN VALUE

The **explain_mktemp_or_die** function only returns on success, see *mktemp(3)* for more information. On failure, prints an explanation and exits, it does not return.

The **explain_mktemp_on_error** function always returns the value return by the wrapped *mktemp(3)* system call.

EXAMPLE

The **explain_mktemp_or_die** function is intended to be used in a fashion similar to the following example:

```
char *result = explain_mktemp_or_die(pathname);
```

SEE ALSO

mktemp(3)

make a unique temporary filename

explain_mktemp(3)

explain *mktemp(3)* errors

exit(2) terminate the calling process

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