

explain_fchmod_or_die(3)

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NAME

explain_fchmod_or_die – change permissions of an open file and report errors

SYNOPSIS

```
#include <libexplain/fchmod.h>

void explain_fchmod_or_die(int fildes, mode_t mode);
int explain_fchmod_on_error(int fildes, mode_t mode);
```

DESCRIPTION

The **explain_fchmod_or_die** function is used to call the *fchmod(2)* system call. On failure an explanation will be printed to *stderr*, obtained from the *explain_fchmod(3)* function, and then the process terminates by calling `exit(EXIT_FAILURE)`.

The **explain_fchmod_on_error** function is used to call the *fchmod(2)* system call. On failure an explanation will be printed to *stderr*, obtained from the *explain_fchmod(3)* function, but still returns to the caller.

fildes The fildes, exactly as to be passed to the *fchmod(2)* system call.

mode The mode, exactly as to be passed to the *fchmod(2)* system call.

RETURN VALUE

The **explain_fchmod_or_die** function only returns on success, see *fchmod(2)* for more information. On failure, prints an explanation and exits, it does not return.

The **explain_fchmod_on_error** function always returns the value return by the wrapped *fchmod(2)* system call.

EXAMPLE

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

```
explain_fchmod_or_die(fildes, mode);
```

SEE ALSO

fchmod(2)
change permissions of an open file

explain_fchmod(3)
explain *fchmod(2)* errors

exit(2) terminate the calling process

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