

explain_open_or_die(3)

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NAME

explain_open_or_die – open file and report errors

SYNOPSIS

```
#include <fcntl.h>
#include <libexplain/open.h>
```

```
int explain_open_or_die(const char *pathname, int flags, int mode);
```

DESCRIPTION

Given a pathname for a file, `open()` returns a file descriptor, a small, non-negative integer for use in subsequent system calls (`read(2)`, `write(2)`, `lseek(2)`, `fcntl(2)`, etc.). The file descriptor returned by a successful call will be the lowest-numbered file descriptor not currently open for the process. See *open(2)* for more information.

RETURN VALUE

On success, the new file descriptor is returned.

On error, a description of the error is obtained via *explain_open(3)*, and printed on *stderr*. The process is terminated via a call to the `exit(EXIT_FAILURE)` function.

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