

explain_utimes_or_die(3)

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NAME

explain_utimes_or_die – change file access and modify times and report errors

SYNOPSIS

#include <libexplain/utimes.h>

void explain_utimes_or_die(const char *pathname, const struct timeval *data);

int explain_utimes_on_error(const char *pathname, const struct timeval *data);

DESCRIPTION

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

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

*pathname*The pathname, exactly as to be passed to the *utimes(2)* system call.*data*The data, exactly as to be passed to the *utimes(2)* system call.**RETURN VALUE**

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

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

EXAMPLE

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

```
explain_utimes_or_die(pathname, data);
```

SEE ALSO*utimes(2)*

change file last access and modification times

*explain_utimes(3)*explain *utimes(2)* errors*exit(2)*

terminate the calling process

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