

explain_adjtime_or_die(3)

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NAME

explain_adjtime_or_die – smoothly tune kernel clock and report errors

SYNOPSIS

#include <libexplain/adjtime.h>

void explain_adjtime_or_die(const struct timeval *delta, struct timeval *olddelta);

int explain_adjtime_on_error(const struct timeval *delta, struct timeval *olddelta);

DESCRIPTION

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

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

delta The delta, exactly as to be passed to the *adjtime(2)* system call.

olddelta The olddelta, exactly as to be passed to the *adjtime(2)* system call.

RETURN VALUE

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

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

EXAMPLE

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

```
explain_adjtime_or_die(delta, olddelta);
```

SEE ALSO*adjtime(2)*

smoothly tune kernel clock

*explain_adjtime(3)*explain *adjtime(2)* errors*exit(2)*

terminate the calling process

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