

explain_setuid_or_die(3)

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NAME

explain_setuid_or_die – set user identity and report errors

SYNOPSIS

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

void explain_setuid_or_die(int uid);
int explain_setuid_on_error(int uid);
```

DESCRIPTION

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

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

uid The uid, exactly as to be passed to the *setuid(2)* system call.

RETURN VALUE

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

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

EXAMPLE

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

```
explain_setuid_or_die(uid);
```

SEE ALSO

setuid(2) set user identity
explain_setuid(3) explain *setuid(2)* errors
exit(2) terminate the calling process

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