

explain_acl_set_file_or_die(3)

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NAME

explain_acl_set_file_or_die – set an ACL by filename and report errors

SYNOPSIS

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

```
void explain_acl_set_file_or_die(const char *pathname, acl_type_t type, acl_t acl);
int explain_acl_set_file_on_error(const char *pathname, acl_type_t type, acl_t acl);
```

DESCRIPTION

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

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

pathname

The pathname, exactly as to be passed to the *acl_set_file(3)* system call.

type

The type, exactly as to be passed to the *acl_set_file(3)* system call.

acl

The acl, exactly as to be passed to the *acl_set_file(3)* system call.

RETURN VALUE

The **explain_acl_set_file_or_die** function only returns on success, see *acl_set_file(3)* for more information. On failure, prints an explanation and exits, it does not return.

The **explain_acl_set_file_on_error** function always returns the value return by the wrapped *acl_set_file(3)* system call.

EXAMPLE

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

```
explain_acl_set_file_or_die(pathname, type, acl);
```

SEE ALSO

acl_set_file(3)

set an ACL by filename

explain_acl_set_file(3)

explain *acl_set_file(3)* errors

exit(2)

terminate the calling process

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