

NAME

`acl_delete_entry` — delete an ACL entry

LIBRARY

Linux Access Control Lists library (`libacl`, `-lacl`).

SYNOPSIS

```
#include <sys/types.h>
#include <sys/acl.h>

int
acl_delete_entry(acl_t acl, acl_entry_t entry_d);
```

DESCRIPTION

The **`acl_delete_entry()`** function removes the ACL entry indicated by the *entry_d* descriptor from the ACL pointed to by *acl*. Any existing ACL entry descriptors that refer to entries in *acl* other than that referred to by *entry_d* continue to refer to the same entries. The argument *entry_d* and any other ACL entry descriptors that refer to the same ACL entry are undefined after this function completes. Any existing ACL pointers that refer to the ACL referred to by *acl* continue to refer to the ACL.

RETURN VALUE

The **`acl_delete_entry()`** function returns the value 0 if successful; otherwise the value -1 is returned and the global variable *errno* is set to indicate the error.

ERRORS

If any of the following conditions occur, the **`acl_delete_entry()`** function returns -1 and sets *errno* to the corresponding value:

- | | |
|----------|---|
| [EINVAL] | The argument <i>acl_p</i> is not a valid pointer to an ACL. |
| | The argument <i>entry_d</i> is not a valid pointer to an ACL entry. |

STANDARDS

IEEE Std 1003.1e draft 17 (“POSIX.1e”, abandoned)

SEE ALSO

acl_copy_entry(3), *acl_create_entry(3)*, *acl_get_entry(3)*, *acl(5)*

AUTHOR

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