

NAME

acl_delete_entry, **acl_delete_entry_np** - delete an ACL entry from an ACL

LIBRARY

Standard C Library (libc, -lc)

SYNOPSIS

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

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

```
int
```

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

```
int
```

```
acl_delete_entry_np(acl_t acl, int index);
```

DESCRIPTION

The **acl_delete_entry()** function is a POSIX.1e call that removes the ACL entry *entry_d* from ACL *acl*.

The **acl_delete_entry_np()** function is a non-portable version that removes the ACL entry at position *index* from ACL *acl*. Positions are numbered starting from zero, i.e. calling **acl_delete_entry_np()** with *index* argument equal to zero will remove the first ACL entry.

RETURN VALUES

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

The **acl_delete_entry()** function fails if:

[EINVAL] Argument *acl* does not point to a valid ACL. Argument *entry_d* is not a valid descriptor for an ACL entry in *acl*. Argument *index* is out of bounds.

SEE ALSO

acl(3), acl_copy_entry(3), acl_get_entry(3), posix1e(3)

STANDARDS

POSIX.1e is described in IEEE POSIX.1e draft 17.

HISTORY

POSIX.1e support was introduced in FreeBSD 4.0. The **acl_delete_entry()** function was added in

FreeBSD 5.0.

AUTHORS

The `acl_delete_entry()` function was written by Chris D. Faulhaber <jedgar@fxp.org>.