

NAME

`acl_get_permset` — retrieve the permission set from an ACL entry

LIBRARY

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

SYNOPSIS

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

int
acl_get_permset(acl_entry_t entry_d, acl_permset_t *permset_p);
```

DESCRIPTION

The **`acl_get_permset()`** function returns in *permset_p* a descriptor to the permission set in the ACL entry indicated by *entry_d*. Subsequent operations using the returned permission set descriptor operate on the permission set within the ACL entry.

Any ACL entry descriptors that refer to the entry referred to by *entry_d* shall continue to refer to those entries.

RETURN VALUE

The **`acl_get_permset()`** 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_get_permset()`** function returns -1 and sets *errno* to the corresponding value:

[EINVAL] The argument *entry_d* is not a valid descriptor for an ACL entry.

STANDARDS

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

SEE ALSO

`acl_add_perm(3)`, `acl_clear_perms(3)`, `acl_delete_perm(3)`, `acl_get_perm(3)`, `acl_get_qualifier(3)`, `acl_get_tag_type(3)`, `acl_set_permset(3)`, `acl_set_qualifier(3)`, `acl_set_tag_type(3)`, `acl(5)`

AUTHOR

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