

NAME

`acl_set_permset` — set the permission set in an ACL entry

LIBRARY

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

SYNOPSIS

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

int
acl_set_permset(acl_entry_t entry_d, acl_permset_t permset_d);
```

DESCRIPTION

The **`acl_set_permset()`** function sets the permission set of the ACL entry indicated by the argument *entry_d* to the permissions contained in the argument *permset_d*.

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

RETURN VALUE

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

- | | |
|----------|---|
| [EINVAL] | The argument <i>entry_d</i> is not a valid descriptor for an ACL entry. |
| | The argument <i>permset_d</i> is not a valid descriptor for a permission set within an ACL entry. |
| | The argument <i>permset_d</i> contains values which are not valid <i>acl_permset_t</i> values. |

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_permset(3)*, *acl_get_qualifier(3)*, *acl_get_tag_type(3)*, *acl_set_qualifier(3)*, *acl_set_tag_type(3)*, *acl(5)*

AUTHOR

Derived from the FreeBSD manual pages written by Robert N M Watson <rwatson@FreeBSD.org>, and adapted for Linux by Andreas Gruenbacher <andreas.gruenbacher@gmail.com>.