

**NAME**

**acl\_set\_qualifier** - set ACL tag qualifier

**LIBRARY**

Standard C Library (libc, -lc)

**SYNOPSIS**

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

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

*int*

```
acl_set_qualifier(acl_entry_t entry_d, const void *tag_qualifier_p);
```

**DESCRIPTION**

The **acl\_set\_qualifier()** function is a POSIX.1e call that sets the qualifier of the tag for the ACL entry *entry\_d* to the value referred to by *tag\_qualifier\_p*.

**RETURN VALUES**

The **acl\_set\_qualifier()** 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\_set\_qualifier()** function fails if:

- |          |                                                                                                                                                                                                             |
|----------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| [EINVAL] | Argument <i>entry_d</i> is not a valid descriptor for an ACL entry. The tag type of the ACL entry <i>entry_d</i> is not ACL_USER or ACL_GROUP. The value pointed to by <i>tag_qualifier_p</i> is not valid. |
| [ENOMEM] | The value to be returned requires more memory than is allowed by the hardware or system-imposed memory management constraints.                                                                              |

**SEE ALSO**

acl(3), acl\_get\_qualifier(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\_get\_qualifier()** function was added in FreeBSD 5.0.

**AUTHORS**

The **acl\_get\_qualifier()** function was written by Chris D. Faulhaber <*jedgar@fxp.org*>.