

**NAME**

**acl\_cmp** - compare between two ACLs

**LIBRARY**

Standard C Library (libc, -lc)

**SYNOPSIS**

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

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

*int*

```
acl_cmp_np(acl_t acl1, acl_t acl2);
```

**DESCRIPTION**

The **acl\_cmp\_np()** function is a non-portable call that checks if ACLs pointed to by *acl1* and *acl2* are equivalent. The two ACLs are considered equal when they contain the same entries with matching tag types, qualifiers and permissions.

**RETURN VALUES**

Upon successful completion, this function returns 0 if the given ACLs are equivalent and 1 if they differ. Otherwise, the value -1 is returned, and *errno* indicates the error.

**ERRORS**

If any of the following conditions occur, the **acl\_cmp\_np()** function shall return a value of -1 and set *errno* to the corresponding value:

[EINVAL]            Either first or second argument does not point to a valid ACL.

**SEE ALSO**

acl(3), posix1e(3)

**STANDARDS**

POSIX.1e is described in IEEE POSIX.1e draft 17. Discussion of the draft continues on the cross-platform POSIX.1e implementation mailing list. To join this list, see the FreeBSD POSIX.1e implementation page for more information.

**HISTORY**

POSIX.1e support was introduced in FreeBSD 4.0, and development continues.

**AUTHORS**

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