

**NAME**

**acl\_dup** - duplicate an ACL

**LIBRARY**

Standard C Library (libc, -lc)

**SYNOPSIS**

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

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

```
acl_t
```

```
acl_dup(acl_t acl);
```

**DESCRIPTION**

The **acl\_dup**() function returns a pointer to a copy of the ACL pointed to by the argument *acl*.

This function may cause memory to be allocated. The caller should free any releasable memory, when the new ACL is no longer required, by calling **acl\_free**(3) with the *(void\*)acl\_t* as an argument.

Any existing ACL pointers that refer to the ACL referred to by *acl* shall continue to refer to the ACL.

**IMPLEMENTATION NOTES**

FreeBSD's support for POSIX.1e interfaces and features is still under development at this time.

**RETURN VALUES**

Upon successful completion, this function shall return a pointer to the duplicate ACL. Otherwise, a value of *(acl\_t)NULL* shall be returned, and *errno* shall be set to indicate the error.

**ERRORS**

If any of the following conditions occur, the **acl\_init**() function shall return a value of *(acl\_t)NULL* and set *errno* to the corresponding value:

[EINVAL]           Argument *acl* does not point to a valid ACL.

[ENOMEM]           The *acl\_t* to be returned requires more memory than is allowed by the hardware or system-imposed memory management constraints.

**SEE ALSO**

**acl**(3), **acl\_free**(3), **acl\_get**(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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