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

Robert N M Watson