NAME

    acl_strip_np - strip extended entries from an ACL

LIBRARY

    Standard C Library (libc, -lc)

SYNOPSIS

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

    acl_t
    acl_strip_np(*const acl_t acl*, *int recalculate_mask*);

DESCRIPTION

    The **acl_strip_np**() function returns a pointer to a trivial ACL computed from 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.

RETURN VALUES

    Upon successful completion, this function shall return a pointer to the newly allocated 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_is_trivial_np(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. The **acl_strip_np**() function was added in FreeBSD 8.0.

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