NAME
acl_create_entry, **acl_create_entry_np** - create a new ACL entry

LIBRARY
Standard C Library (libc, -lc)

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

int
acl_create_entry(*acl_t *acl_p*, *acl_entry_t *entry_p*);

int
acl_create_entry_np(*acl_t *acl_p*, *acl_entry_t *entry_p*, *int index*);

DESCRIPTION
The **acl_create_entry**() function is a POSIX.1e call that creates a new ACL entry in the ACL pointed to by *acl_p*. The **acl_create_entry_np**() function is a non-portable version that creates the ACL entry at position *index*. Positions are numbered starting from zero, i.e. calling **acl_create_entry_np**() with *index* argument equal to zero will prepend the entry to the ACL.

RETURN VALUES
The **acl_create_entry**() 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_create_entry**() function fails if:

[EINVAL]   Argument *acl_p* does not point to a pointer to a valid ACL. Argument *index* is out of bounds.

[ENOMEM]   The ACL working storage requires more memory than is allowed by the hardware or system-imposed memory management constraints.

SEE ALSO
acl(3), acl_delete_entry(3), acl_get_entry(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_create_entry**() function was added in FreeBSD 5.0.

AUTHORS

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