

**NAME**

**acl\_add\_flag\_np** - add flags to a flagset

**LIBRARY**

Standard C Library (libc, -lc)

**SYNOPSIS**

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

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

*int*

```
acl_add_flag_np(acl_flagset_t flagset_d, acl_flag_t flag);
```

**DESCRIPTION**

The **acl\_add\_flag\_np()** function is a non-portable call that adds the NFSv4 ACL flags contained in *flags* to the flagset *flagset\_d*.

Note: it is not considered an error to attempt to add flags that already exist in the flagset.

Valid values are:

ACL_ENTRY_FILE_INHERIT	Will be inherited by files.
ACL_ENTRY_DIRECTORY_INHERIT	Will be inherited by directories.
ACL_ENTRY_NO_PROPAGATE_INHERIT	Will not propagate.
ACL_ENTRY_INHERIT_ONLY	Inherit-only.
ACL_ENTRY_INHERITED	Inherited from parent

**RETURN VALUES**

The **acl\_add\_flag\_np()** 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\_add\_flag\_np()** function fails if:

[EINVAL]           Argument *flagset\_d* is not a valid descriptor for a flagset within an ACL entry.  
                  Argument *flag* does not contain a valid *acl\_flag\_t* value.

**SEE ALSO**

acl(3), acl\_clear\_flags\_np(3), acl\_delete\_flag\_np(3), acl\_get\_flagset\_np(3), acl\_set\_flagset\_np(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\_add\_flag\_np()** function was added in FreeBSD 8.0.

**AUTHORS**

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