NAME

getfacl - get ACL information

SYNOPSIS

getfacl [**-dhinqv**] [*file* ...]

DESCRIPTION

The **getfacl** utility writes discretionary access control information associated with the specified file(s) to standard output. If the getconf(1) utility indicates that {*_POSIX_ACL_EXTENDED*} is not in effect for a *file* then the standard discretionary access permissions are interpreted as an ACL containing only the required ACL entries.

The following option is available:

-d The operation applies to the default ACL of a directory instead of the access ACL. An error is generated if a default ACL cannot be associated with *file*. This option is not valid for NFSv4 ACLs.

-h If the target of the operation is a symbolic link, return the ACL from the symbolic link itself rather than following the link.

-i For NFSv4 ACLs, append numerical ID at the end of each entry containing user or group name. Ignored for POSIX.1e ACLs.

-n Display user and group IDs numerically rather than converting to a user or group name. Ignored for POSIX.1e ACLs.

-q Do not write commented information about file name and ownership. This is useful when dealing with filenames with unprintable characters.

-v For NFSv4 ACLs, display access mask and flags in a verbose form. Ignored for POSIX.1e ACLs.

The following operand is available:

file A pathname of a file whose ACL shall be retrieved. If *file* is not specified, or a *file* is specified as -, then **getfacl** reads a list of pathnames, each terminated by one newline character, from the standard input.

For an explanation of the ACL syntax, see the setfacl(1) manual page.

EXIT STATUS

The **getfacl** utility exits 0 on success, and >0 if an error occurs.

EXAMPLES

```
getfacl /
```

Retrieve ACL for the directory /.

```
getfacl -d /
```

Retrieve the default ACL for the directory /, if any.

SEE ALSO

setfacl(1), acl(3), getextattr(8), setextattr(8), acl(9), extattr(9)

STANDARDS

The **getfacl** utility is expected to be IEEE Std 1003.2c compliant.

HISTORY

Extended Attribute and Access Control List support was developed as part of the TrustedBSD Project and introduced in FreeBSD 5.0.

AUTHORS

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