

egrid-groupchg

Filter to alter */etc/group* and similar format files.

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NAME

egrid-groupchg – Filter to alter */etc/group* and similar format files.

SYNOPSIS

egrid-groupchg [OPTIONS] FILE [FILE ...]

Filter to alter */etc/group* and similar format files.

Options:

-i, --input FILE

Read *FILE* instead of standard input; *FILE* should be in the format of */etc/group*.

-o, --output FILE

Write *FILE* instead of standard output; *FILE* will be in the format of */etc/group*.

-A, --args-from FILE

Read additional command-line arguments from *FILE* as if they were typed on the command-line.

--help

Print help text and exit

-V, --version

Print version number and exit

DESCRIPTION

Reads a file in */etc/group* format as input; for each *FILE* given on the command-line, applies all modifications specified in it (see below for the syntax); then writes the altered file as output, again in */etc/group* format.

Alterations are first read from all the *FILEs* specified on the command line, then applied to each line of the

input; for the order of potentially conflicting operations, consult section PRECEDENCE OF OPERATIONS.

If no alteration file is given on the command line, then copies input to output verbatim.

Reads standard input unless the `--input` option is given.

Writes to standard output unless the `--output` option is given.

MODIFICATION FILES

Three kinds of operations can be specified in a modification file:

Adding users to an existing group

A line of the form:

```
group += user1, user2
```

adds users *user1* and *user2* to the group named *group*.

The comma-separated list of users must appear all on one line; however, one can repeat the addition operation multiple times, with cumulative effect: the following syntax is exactly equivalent to the one given:

```
group += user1
group += user2
```

The line is ignored if *group* is never found in the input, group *group* is not created, and no warning is given.

No check is done on the existence of users listed.

Removing users from a group

A line of the form:

```
group -= user1, user2
```

removes users *user1* and *user2* from the group named *group*.

The comma-separated list of users must appear all on one line; however, one can repeat the addition operation multiple times, with cumulative effect: the following syntax is exactly equivalent to the one given:

```
group -= user1
group -= user2
```

No warning is issued if a user in the list is not member of the specified group.

The line is ignored if *group* is never found in the input, and no warning is given.

Replacing the group members with another list.

A line of the form:

```
group := user1, user2
```

makes *group* contain *exactly* the named users. The comma-separated list of users must appear all on one line.

The line is ignored if *group* is never found in the input, and no warning is given.

No check is done on the existence of users listed.

Blank lines and lines starting with the '#' character are ignored.

PRECEDENCE OF OPERATIONS

Operations on the groups are done in the following order:

replacements,
additions,

deletions.

So, if the same user name is added to a group and removed from the same group, the net effect is a deletion of the user from the group.

BUGS

The `--verbose` option does not yet report very much information.

DOWNLOAD

You can download RPM packages of the EGRID SE Tools from <http://www.egrid.it/download/rpm/RPMS.egrid>; Debian packages from <http://www.egrid.it/download/deb/egrid>.

You can browse the source code for this software from the EGRID CVS at <http://www.egrid.it/cvs/middleware/se/>

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