

NAME

pwgrp — group adding and modifying of users

SYNOPSIS

```

pwgrp [-a file] [-C config] [-p] [-A flags] [-Q] [-f fs] [-c comment] [-b val]
        [-B val] [-i val] [-I val]
pwgrp [-q file] [-f fs] [-b val] [-B val] [-i val] [-I val]
pwgrp [-m file] [-t file] [-s server] [-S subject]
pwgrp [-r file]
pwgrp [-l file]
pwgrp [-L file]

```

DESCRIPTION

The **pwgrp** utility is used for group adding of users, which list is located in *file*. *file* consists of lines of following syntax:

```
<user_name>:<gecos>:<e-mail>
```

Field <user_name> stands for name of created user. Field <gecos> stands for gecoss information of user, <e-mail> stands for e-mail address to which information about currently made user account are sent. Syntax of lines of *file* is tested.

The following options are available:

- a *file*** This flag sets **pwgrp** to mode for adding users which list is located in *file*.
- q *file*** This flag sets **pwgrp** to mode in which quotas for users which list is located in *file* are modified.
- m *file*** This flag sets **pwgrp** to mode in which e-mail notifications about their newly created accounts are sent. List of users with passwords and e-mail addresses has same format as file for creating new users only gecoss field is now used as field for password. If e-mail field is empty, e-mail to that user is not sent.
- r *file*** This flag sets **pwgrp** to mode in which users which list is located in *file* are removed.
- l *file*** This flag locks users' accounts, accounts are specified in *file*.
- L *file*** This flag unlocks users' accounts, accounts are specified in *file*.
- C *config*** By default, **pwgrp** reads the file /usr/local/etc/pwgrp.conf to obtain policy information on how new user accounts are going to be created. The **-C** option specifies a different configuration file. This configuration file has same syntax and policy as configuration file for pw command.
- p** By default, **pwgrp** do not generate passwords for users in *file*. By this flag, **pwgrp** will generate passwords for users by apg(1).
- A *flags*** If **-p** option is presented, apg(1) will generate passwords for users in format of *flags*. By default, apg(1) creates six-characters long password, which consists of upper and lower case(s) and number(s).
- Q** Determines, whether quotas for created users will be set, if **-a** is triggered. If **-q** is present, **-Q** is set automatically. It is necessary to make sure that quotas are configured in your kernel and your system is ready to set quotas.
- f *fs*** Specifies the *fs* filesystem to set quota information for. If *fs* does not have quotas enabled an error will result.

- c** *comment* If *gecos*, which stands for general information about the user, is not present in *file*, *comment* is used.
- t** *file* This flag sets template file for mail which will be sent to users. Template file is ordinary text file where text can be mixed with special strings which are substituted by appropriate values. Strings are as follows: `${SERVER}` - this string stands for ip address or hostname of server on which accounts are created. `${MAIL}` - this stands for e-mail of user to whom this mail will be sent. `${USERNAME}` - this stands for username of user. `${PASSWORD}` - this stands for user password of account. Please see `/usr/local/share/pwgrp/templates/` for examples of template files.
- s** *server* This flag fills variable `${SERVER}` with *server*.
- S** *subject* This flag stands for e-mail subject. This email is going to be sent to users.
- I** *val* Inode hard quota.
- i** *val* Inode soft quota.
- B** *val* Block hard quota.
- b** *val* Block soft quota.

Block sizes are in the form of `valX` where `X` is `{K,k}` for kilobytes or `{M,m}` for megabytes. The default unit is kilobytes.

Inode sizes have no modifiers.

RETURN VALUES

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

The following exit values have been defined:

- 1 *config* or *file* related error.
- 2 An error has appeared during parsing of command line, which means there is an unsupported option or another similar error.
- 3 User which executes program is not root.

FILES

`/usr/local/etc/pwgrp.conf` The configuration file for the creation of users. Uses the same policy as `/etc/pw.conf`

SEE ALSO

`pw(8)`, `pw.conf(5)`, `quota(1)`, `setquota(1)`, `apg(1)`

AUTHORS

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