

NAME

newgidmap – set the gid mapping of a user namespace

SYNOPSIS

newgidmap *pid gid lowergid count [gid lowergid count [...]]*

DESCRIPTION

The **newgidmap** sets `/proc/[pid]/gid_map` based on its command line arguments and the gids allowed in `/etc/subgid`. Note that the root user is not exempted from the requirement for a valid `/etc/subgid` entry.

After the `pid` argument, **newgidmap** expects sets of 3 integers:

`gid`

Beginning of the range of GIDs inside the user namespace.

`lowergid`

Beginning of the range of GIDs outside the user namespace.

`count`

Length of the ranges (both inside and outside the user namespace).

newgidmap verifies that the caller is the owner of the process indicated by **pid** and that for each of the above sets, each of the GIDs in the range `[lowergid, lowergid+count]` is allowed to the caller according to `/etc/subgid` before setting `/proc/[pid]/gid_map`.

Note that **newgidmap** may be used only once for a given process.

OPTIONS

There currently are no options to the **newgidmap** command.

FILES

`/etc/subgid`

List of user's subordinate group IDs.

`/proc/[pid]/gid_map`

Mapping of gids from one between user namespaces.

SEE ALSO

login.defs(5), **newusers(8)**, **subgid(5)**, **useradd(8)**, **userdel(8)**, **usermod(8)**.