

NAME

newuidmap – set the uid mapping of a user namespace

SYNOPSIS

newuidmap *pid uid loweruid count [uid loweruid count [...]]*

DESCRIPTION

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

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

`uid`

Beginning of the range of UIDs inside the user namespace.

`loweruid`

Beginning of the range of UIDs outside the user namespace.

`count`

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

newuidmap verifies that the caller is the owner of the process indicated by **pid** and that for each of the above sets, each of the UIDs in the range `[loweruid, loweruid+count]` is allowed to the caller according to `/etc/subuid` before setting `/proc/[pid]/uid_map`.

Note that `newuidmap` may be used only once for a given process.

OPTIONS

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

FILES

`/etc/subuid`

List of user's subordinate user IDs.

`/proc/[pid]/uid_map`

Mapping of uids from one between user namespaces.

SEE ALSO

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