

# Single Conan User Home for Multiple Users ( Sharing the Tool Chain in a given machine across users )

Last edited by [VREDDY10](#) 9 months ago

If a team is using a build server or development server and don't want to download the tool chain for every workspace configured using the devNext ini file, they need to follow the below two steps to configure a common Conan directory.

1. Create a user Group and assign Users and Permissions to the Group - by Admin/Sudo User
2. Users configuring CONAN\_USER\_HOME for Conan V1.x.x and CONAN\_HOME for Conan V2.x.x to the common Location - User

## Step 1:

----- Run as Sudo User/Admin -----

- `groupadd conan_users`
- `usermod <cdsid> -aG conan_users -g conan_users`

**Note:** In case of the Centrify users, one needs to raise a service request to the Centrify Team for adding users to the Group.



- `mkdir <common_location>` #Make sure the disk has minimum of 50GB free space
- `chown -R root:conan_users <common_location>`
- `chmod 770 <common_location>`

## Step 2:

----- Run as User -----

1. For Conan V1.\*.\* **CONAN\_USER\_HOME** is the environment variable.
  - `echo 'export CONAN_USER_HOME=<common_location>' >> ${HOME}/.bashrc`
2. For Conan V2.\*.\* **CONAN\_HOME** is the environment variable.
  - `echo 'export CONAN_HOME=<common_location>/.conan2' >> ${HOME}/.bashrc`
  - `echo 'umask 0007' >> ${HOME}/.bashrc`
  - `source ~/.bashrc`
  - `chmod 700 ~`

You can use `devNext --help` or `devNext <command> --help` for more options/help.

 **Support:** If you've any Queries w.r.t above mentioned steps, please reach out to  [devNext.support@visteon.com](mailto:devNext.support@visteon.com)