

Install Cryo_fit

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1. Install Phenix

See the [installation notes for Phenix](#)

2. Link cryo_fit to phenix

At <user phenix>/modules

```
git clone git@github.com:cryoFIT/cryo_fit.git
```

At any folder,

```
libtbx.configure cryo_fit
```

3. Install gromacs_cryo_fit

Download gromacs-4.5.5_cryo_fit.zip from [here](#)

The screenshot shows the GitHub repository page for `cryoFIT / cryo_fit_install`. The repository has 2 watches, 0 stars, and 0 forks. The commit history shows the following files and their commit messages:

File	Commit Message	Time
<code>.gitignore</code>	first upload of zip	3 months ago
<code>README_for_installation.md</code>	updated Centos	14 days ago
<code>gromacs-4.5.5_cryo_fit.zip</code>	changed name convention to other phenix executables	15 days ago

The file `gromacs-4.5.5_cryo_fit.zip` is highlighted in blue. A blue arrow points from the file name to the `Download` button at the bottom right of the file details section.

Install using a provided script.

```
python <user phenix>/modules/cryo_fit/steps/0_install_cryo_fit/install_cryo_fit.py <cryo_fit.zip>
```

For example,

```
python /Users/doonam/bin/phenix-dev-2906/modules/cryo_fit/steps/0_install_cryo_fit/install_cryo_fit.py ~/Downloads/gromacs-4.5
```

4. Troubleshooting

- If user's OS doesn't have git
 - [install git](#)
- If a user sees the error message during git clone, "Permission denied (publickey).fatal: Could not read from remote repository. Please make sure you have the correct access rights and the repository exists.",
 - user's computer needs to be registered to his/her github account. Therefore, make github account (free), [Generate a new SSH key](#) and [Add a new SSH key to your GitHub account](#)
- If user's macOS shows, "xcode-select: note: no developer tools were found at '/Applications/Xcode.app', requesting install. Choose an option in the dialog to download the command line developer tools."
 - download commandline as instructed (this may take ~7 minutes)
- "-bash: libtbx.configure: command not found"
 - (in commandline)
 - export PATH="/Users/.../phenix-xxxx/build/bin":\$PATH
 - source /Users/.../phenix-xxxx/phenix_env.sh
 - libtbx.configure cryo_fit2