

A useful git command scripts for git starter at Linux

Getting started

Install

```
cd ~  
git clone git@github.com:xzf89718/useful_git_command.git
```

Add this line to the end of your ~/.bashrc

```
source ~/useful_git_command/useful_git_command_alias.sh
```

Config your username and user email

Open config_git_user_email.sh. Substitute USEFUL_GIT_COMMAND_USERNAME, USEFUL_GIT_COMMAND_USEREMAIL with your name and email.

```
source $USEFUL_GIT_COMMAND_INSTALL/config_git_user_email.sh
```

Init git repo with useful commands

```
cd YOUR_PROJECT_DIRECTORY  
INIT_GIT_REPO
```

This command init an empty git repo and copy a C++/Fortran .gitignore template into you project. Then add all files and submit a initial commit.

Check revision and status with useful commands

Show git status. Use it to check all file status

```
SHOW_GIT_STATUS
```

Show all revision since last commit(HEAD).

```
SHOW_GIT_DIFF
```

Show all revision compared to git's stage.

```
SHOW_GIT_DIFF_STAGE
```

Show all submit history with timestamp.

```
SHOW_GIT_LOG
```

Make new commit with useful commands

Always work in your project directory.

```
cd YOUR_PROJECT_DIRECTORY
```

Add all revisions first.

```
ADD_GIT_REVISION
```

Make a commit with a comment.

```
COMMIT_GIT_REVISION "YOUR COMMENT"
```

Make a commit with timestamp as comment.

```
COMMIT_GIT_REVISION_TIMESTAMP
```