List of Commands in GIT

Download git : git-scm.com

Open Git bash

1. Configuration

git config --global user.name “yourname”

git config --global user.email “youremailid”

git config --list

1. Navigation to working directory

cd (drag your outer folder)

cd (drag inner folder)

1. Initialization to GIT

git init

1. Create files using git command

touch “filename.exe”

1. Add file to staging area to commit after modification

git add filename.exe

or

git add –A //to stage all files in that folder

1. Commit

git commit –m “message”

or

git commit –a //to commit all files in staging area

1. To un-stage file from staging area

git reset HEAD FILE-TO-UNSTAGE

1. Check Log of each commit

git log

or

git log --oneline //this command display logs with small commit code

1. Display each commit/ changes done to file

git show commit-hash //copy-paste hash function of commit

1. Retrieve deleted file

git checkout HEAD filename.exe

or

git checkout -- .

or

git checkout commit-hash~1 – filename.extension

1. Check Status

git status

1. Rollback to previous version

*Reset*

git reset --hard commit-hash

*Revert*

git revert commit-hash

Note: when the revert enter message window is displayed, please press escape tab, then :wq and enter.

1. Create branch (new feature)

git branch branchname

1. Delete branch

git branch –D branchname

1. To switch between branch

git checkout branchname

1. To merge branches

Git merge branchname

1. Show branch list

git branch --list