

GIT

Dev Ops

hard disk — git (local repository) — github
(central repository)

- 1) git config - user.name, user.email
- 2) git init - initializes the repository.
- 3) git add - Adds a file to local repository
- 4) git commit - Makes the added file permanent in the local repository
- 5) git log - gives the log of operations done on local repository.
- 6) git status - gives info on untracked files, staged files.
- 7) git clone - Creates a folder from github into local drive.
- 8) git diff - Compares the file for changes done from hard disk and the local repository.
- 9) git branch - display all the branches of the repo and also shows in which branch it is pointing to.

- 10) git checkout - moves to the specified branch
- 11) git merge - merges back to the master repository
- 12) git remote add - Adds remote url to the local repository
- 13) git pull - gets the files to the local repository
- 14) git push - sends/ pushes the file to the central repository
- 15) git tag - provides a version number for the current files on the local repository.
- 16) git checkout - Moves the control to the specified version on the branch (master).

~~git checkout - moves to the specified branch~~

~~git merge - merges back to the master repository~~

git help

clone - clone a repository into a new directory

init - create an empty git repository or
reinitialize an existing one.

add - Add file contents to the index

mv - Move or rename a file, a directory, or
a symlink.

restore - Restore working tree files.

rm - Remove files from the working tree and
from the index.

bisect - Use binary search to find the
commit that introduced a bug.

diff - show changes b/w commits, commit and
working tree, etc.

grep - print lines matching a pattern

log - show commit logs

show - show various types of objects

status - show the working tree status

branch - list, create or delete branches

commit - record changes to the repository

merge - Join two or more development
histories together.

rebase - Reapply Commits on top of another
base tip

reset - Reset current HEAD to the specified
state

switch - switch branches

tag - create, list, delete or verify a tag
object signed with GPG.

fetch - Download objects and refs from
another repository.

pull - Fetch from and integrate with
another repository or a local branch.

push - Update remote refs along with
associated objects.