



20 super useful Git Commands

1.git config

Configures user information used across all local repositories.

git config --global user.name "username"

git config --global user.email "email"

There shouldn't be any space between "user." and "name". Similarly no space between "user." and "email".

2. git init

***Initialises an existing directory as
Git repository.***

3. git clone

***Retrieves an entire repository
from a hosted location via a valid
Git URL.***

git clone [url]

git clone --branch <name> [url]

4. git add

git add [file]

5. git rm

Deletes the file from project and stages the removal for commit.

git rm [file]

6. *git mv*

Changes an existing file path and stages the move.

git mv [existing-path] [new-path]

7. git commit

Commits the staged contents as a new commit snapshot.

git commit -m "commit message"]

8. *git branch*

List, Create or, Delete Branches

***List branches
git branch***

***Create a new Branch at the current
commit***

git branch [branch-name]

***Create a new Branch at the current
commit***

git branch [branch-name]

9. *git status*

*Shows the paths of modified files
in working directory.*

git status]

10. *git diff*

Show changes between commits.

To see diff of what is changed, but not staged

git diff

To see diff of what is staged, but not committed

git diff --staged

To see diff between 2 branches

git diff BranchA...BranchB

11. *git log*

Shows the commit history for the currently active branch.

git log

Shows the commits on branchA that are not on branchB.

git log branchB..branchA

12. *git checkout*

Switch branches.

Switch to another branch and, check it out into your working directory

git checkout [branch-name]

Switch to another branch (create if does not exist)

git checkout -b [branch-name]

13. git merge

Join 2 or, more development histories together

git merge [branch]

14. *git fetch*

Fetch branches and/or tags from one or more other repositories.

git fetch [alias]

You can use git fetch to know the changes done in the remote repo/branch since your last pull.

15. git pull

*Fetch and merge any commits
from the tracking remote branch.*

git pull

16. git push

Transmit local branch commits to the remote repository branch.

git push [alias]

17. git rebase

Applies any commits of current branch ahead of specified one.

git rebase [branch-name]

18. git revert

Reverts some existing commits.

git revert <commit>

20. *git stash*

Temporarily stores modified, tracked files in order to change branches

Save modified and staged changes
git stash

List StackOrder of stashed file changes

git stash list

Write working from top
git stash pop

Discard the changes from top
git stash drop

Thank You



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