Cheatography

Git Cheat Sheet Cheat Sheet

by vicvi via cheatography.com/67624/cs/17010/

REMOTE INFORMATION

Clone a repository

git clone <repository_url>

Get remote refs and objects

git fetch

Get remote branch (fetch previosuly)

git checkout <remote_branch_name>

Get remote changes from branch

git pull

Get remote changes by putting ours on top

git pull --rebase

Same and stashing local changes

git pull -r --autostash

Send changes to remote branch

git push origin <local_branch>

Send changes to local branch to another remote branch

git push origin <local_branch>:<remote_b-ranch>

Force push changes

git push -f origin <local_branch>

BRANCHING

Create branch

git branch <branch_name>

Remove local branch

git branch -d <branch_name>

Track remote branch

git branch --set-upstream-to origin/<rama-_remota> <rama_local>

Move from branch

git checkout <branch_name>

Create branch and move to her

git checkout -b <branch_name>

Remove remote branch

git push origin :<remote_name_branch>

SAVE CHANGES

Add file changes to the stage for commit

git add <filename>

Add all changes to the stage

git add -A

Create commit with message

git commit -m "<message>"

Add files to existing commit holding message

git commit --amend --no-edit

No commited changes quick saves in stack

git stash -u

Show all stashes

git stash list

Apply changes from stash

git stash apply

Apply last stash and take out from stack

git stash pop

UNDO CHANGES

Undo file changes out of stage

git checkout <filename>

Take out file of stage

git reset <filename>

Move from branch and undo all no commited changes

git checkout -f <branch>

Undo N last commits

git reset --hard HEAD~N

Undo N last commits holding changes in stage

git reset HEAD~N

Undo N last commits holding changes out of stage

git reset --soft HEAD~N

Revert changes N last commits (remote)

git revert HEAD~N

STATUS

Show current branch

git branch

Show local and remote tracked branches

git branch -a

List branch information in verbose mode

git branch -vv

Show branch status

git status

Show file changes

git diff <filename>

Show commits history of current branch

git log

Pretty log example

git log --graph --abbrev-commit --decorate --format=format:'%C(bold blue)%h%C(reset) - %C(bold cyan)%aD%C(reset) %C(bold green)(%ar)%C(reset)%C(bold yellow)%d-%C(reset)%n" %C(white)%s%C(reset) %C(dim white)- %an%C(reset)' --all

MERGING

Add commit from another branch

git cherry-pick <commit_hash>

Merge branches recursively creating a new commmit

git merge <branch_name>

Cancel merge

git merge --abort

Merge putting ours commit on base branch

git rebase <base_branch_name>

Cancel rebase

git rebase --abort

Squashes changes

git rebase -i

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