Cheatography

Git Cheatsheet Cheat Sheet

by Hezart via cheatography.com/214134/cs/46644/

Commits

git commit -m "-msg"	Commit staged with message
git commit -a -m -"msg"	Stage and commit all tracked files
git log	Commit history
git dff	Show unstaged changes
git diff --staged	Show staged changes

Branches

git branch	List branches
git branch <na-me>	Create new branch
git checkout <b>	Switch to branch <b>
git merge <b>	Merge <b> into current one
git branch -d <n>	Delete branch <n>

Terminology

Staging Area	Where files go before commit (git add)
Commit	Snapshot of staged changes
Branch	A separate line of development
Merge	Combines changes of two branches
Remote	A copy of repo hosted elsewhere
Clone	Local clone of remote repo
Pull	Download and merge remote changes
Push	Upload your commit to remote

Tracking File

git add <f>	Stage a file for commit
git add .	Stage all files
git restore --staged <f>	Unstage a file
git reset <f>	Unstage but keep working changes
git rm <f>	Delete tracked file and stage removoval

Fixing mistakes

git restore <f>	Revert file to last commited state
git reset --soft HEAD~<n>	Undo last n commit, keep changes staged
git reset --hard HEAD~<n>	Undo last commit and discard changes
git stash	Temporarily save uncommitted changes
git stash pop	Re-apply stashed changes
git reflog	See all recent HEAD changes

Remote

git remote -v	List remotes
git remote add origin <url>	Add a remote named "-origin"
git push -u origin <branch>	Push and set upstream branch
git push	Push commits to remote
git pull	Fetch and merge from remote
git fetch	Download latest changes without merging

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