



GIT COMMANDS CHEAT SHEET

1

Getting Started with Git

Set your name in Git
`git config --global user.name "Your Name"`
Set your email in Git
`git config --global user.email "you@example.com"`
Enable colorized Git output
`git config --global color.ui auto`
Initialize a new Git repository
`git init [project name]`
Clone an existing repository
`git clone <project url>`



2

Making Changes

Check status
`git status`
Stage a file
`git add [file]`
Stage all changed files
`git add .`
See changes
`git diff [file]`
Save changes
`git commit -m "Your commit message"`
Remove a file
`git rm [file]`



3

Merge Conflicts

Combine branches
`git merge [branch_name]`
Reapply commits to another branch
`git rebase [branch_name]`
Discard all changes
`git reset --hard [target reference]`
Undo changes from a commit
`git revert [commit sha]`



4

Viewing Branch History

Show commit history
`git log`
Show history with a graph
`git log --oneline --graph --decorate`
Show recent changes
`git reflog`

5

Sync with Remote Repos

Get changes from remote
`git fetch [remote]`
Get and merge changes from remote
`git pull [remote]`
Send changes to remote
`git push [remote]`
Send tags to remote
`git push --tags [remote]`
Set an upstream branch and send changes
`git push -u [remote] [branch]`

