

Install Git Client

git-scm.com/downloads
`apt-get install git`
toolbelt.heroku.com
sourcetreeapp.com

Identify yourself

```
git config --global user.name "name"  
git config --global user.email "email"
```

View your Git settings

```
git config --list
```



Quickstart Guide

jr0cket.github.io/developer-guides

Create a local repository

```
git init
```

Version your project locally

Add everything, a specific file or lines

```
git add .      git add file
```

```
git add -p file
```

Commit all changes staged

```
git commit -m "commit message"
```

Update last commit with staged

```
git commit --amend
```

Tracking changes

```
git status      git log
```

```
git diff        git diff --staged
```

```
git diff --word-diff
```

Branching & Merging

```
git branch new-branch
```

```
git checkout branch
```

```
git checkout -b new-branch
```

Merge specified branch to current branch

```
git merge branch
```

Modifying changes

Reset file to latest committed version

```
git checkout file
```

Remove a file from staging

```
git reset HEAD file
```

Remove staged files (if no commits yet)

```
git rm -r --staged file
```

Reset all files from the last commit

```
git reset --hard
```

Stashing Changes

Save / restore working copy

```
git stash      git pop
```

Remote Repositories

Copy project from a remote repo

```
git clone repo-url
```

Update local repo from remote

```
git pull remote-name branch
```

Update remote with local commits

```
git push remote-name branch
```

Stash

changes briefly hidden away

Working Copy

source code & configs

Staging

changes awaiting commit

Local Repo

.git folder managing
changes on your laptop

Remote Repo

Repos accessible via the
Internet eg. Github, Heroku

Git Help

Git visual cheatsheet

bit.ly/git-visual-cheatsheet

Github Help

help.github.com

Git & Github tutorial

git-and-github-workshop

herokuapp.com