

This version is designed for beginners.
Make sure to visit the detailed version

Visit the Detailed Version

Git and GitHub

Find the detailed version of this roadmap
along with other similar roadmaps

roadmap.sh

Learn the basic git commands

- ☐ git init : initializing repositories
- ☐ git add : adding changes to staging
- ☐ git commit : committing changes
- ☐ git reset : unstaging changes
- ☐ .gitignore file usage
- ☐ Creating and Merging Branches

Using Git with GitHub

- ☐ Creating private / public repositories
- ☐ Adding remote and pushing changes

Learn the "What" and Why"

- ☐ What are Version Control Systems?
- ☐ What is Git and why should you use it?
- ☐ Install Git locally
- ☐ Create a GitHub account

Learn to work with others

- ☐ Learn about forking repositories
- ☐ Learn about cloning repositories
- ☐ Creating Pull Requests
- ☐ Pulling and pushing changes
- ☐ Learn to resolve merge conflicts
- ☐ Learn the most common OSS licences

Learn more GitHub topics

- ☐ Learn about GitHub Actions
- ☐ Install and use GitHub CLI
- ☐ Learn about Markdown

Learn additional git functionalities

- ☐ Hard reset and reverting changes
- ☐ Rebase vs Merge vs Squash
- ☐ Stashing and applying stashes
- ☐ Cherry picking commits

Learn the Basics

Basic Git Usage

Collaboration

More Git

More GitHub

Continue learning about Git and GitHub

Visit Detailed Git and GitHub Roadmap