

GIT TRAINING COURSE CONTENT

Introduction To Git

- ✚ A Brief History
- ✚ Advantages of DVCs
- ✚ About Git
- ✚ Installing Git on Windows
- ✚ Installing Git on Mac OSX
- ✚ Installing Git on Linux
- ✚ Configuring Git
- ✚ How to Configure Git
- ✚ Summary

Working Locally With Git

- ✚ Creating a local repository, adding files, and committing changes
- ✚ Viewing history and diffs
- ✚ Staging changes as multiple commits
- ✚ Deleting and renaming files
- ✚ Undoing changes to the working copy
- ✚ Undoing/redoing changes in the repository
- ✚ Cleaning the working copy
- ✚ Ignoring files with .gitignore

Working Remotely With Git

- ✚ Cloning a Remote Repository
- ✚ Basic Repository Statistics
- ✚ Viewing Commits
- ✚ Git Protocols
- ✚ Viewing Branches and Tags
- ✚ Fetching from a Remote
- ✚ Pulling from a Remote
- ✚ Pushing to a Remote
- ✚ Creating and Verifying Tags

- ✚ Pushing Tags to a Remote

Branching, Merging And Rebasing With Git

- ✚ Visualizing branches
- ✚ Creating local branches
- ✚ Difference between branches and tags
- ✚ Renaming and deleting branches
- ✚ Recovering deleted commits
- ✚ Stashing changes
- ✚ Merging branches
- ✚ Rebasing changes
- ✚ Cherry-picking changes
- ✚ Creating a remote branch
- ✚ Deleting a remote branch

Using The GitHub Website

- ✚ Intro to GitHub
- ✚ Installing Git
- ✚ Working With Repositories
- ✚ README, .gitignore, and Live Editing
- ✚ Organizations, Teams, and Collaborators
- ✚ Issues, Wikis, and Pages

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