

INFOSOFT IT SOLUTIONS

Training | Projects | Placements

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Git Course

Text Editor Installation

- Text Editor Installation Overview
- Windows Text Editor: Notepad++ Installation
- Configure Notepad++ with Git (Windows Only)
- Mac Text Editor: TextMate 2 Installation
- Configure Text Mate 2 with Git (Mac Only)
- Text Editor Resources

Basic GIT Commands

- Basic Commands Overview
- Starting with a Fresh Project (git init)
- Adding Git to an Existing Project (git init)
- Starting on GitHub by Joining an Existing Project (git clone)
- Basic Git Workflow (add, commit, pull & push)
- Tracked Files
- Editing Files
- Recursive Add
- Backing Out Changes
- Renaming and Moving Files
- Deleting Files

- History
- Git Alias
- Ignoring Unwanted Files and Folders
- Cleanup and Back to Origin (GitHub)

Visual Merge / Diff Tool Installation

- Visual Merge / Diff Tool Installation Overview
- P4Merge Install on Windows
- P4Merge for Windows Git Configuration
- P4Merge for Mac Installation
- P4Merge for Mac Git Configuration
- Visual Merge / Diff Tool Resources

Comparison

- Git Repository Setup (for comparing examples)
- Comparing Working Directory and the Staging Area
- Comparing Working Directory and Git Repository (Last Commit)
- Comparing between the Staging Area and the Git Repository (Last Commit)
- Limiting Comparisons to one File (or path)
- Comparing Between Commits
- Comparing Between Local and Remote Master Branches
- Comparison Section Cleanup and Push back to GitHub

Branching and Merging

- Branching Basics
- Happy Path / Fast Forward Merges
- Happy Path / Disable Fast Forward Merges
- Automatic Merges
- Conflicting Merges and Resolution

- Section Cleanup and Push back to GitHub

Rebasing

- Simple Rebase Example
- Setup for rebasing conflict
- Abort a Rebase
- Rebase Conflict and Resolution
- Pull with Rebase (GitHub)
- Section Cleanup and push to GitHub

Stashing

- Simple Stash Example
- Stashing Untracked Files and Using Pop
- Managing Multiple Stashes
- Stashing into a Branch
- Section Cleanup and push to GitHub
- Stashing Section Resources