



FND-012

Git Fundamentals

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OVERVIEW

Skill Level	: Beginner
Suitable for	: Anyone who is looking develop a good working knowledge of Linux
Duration	: 1 Day

Since Git has quickly become the most popular version control system, due being open source, distributed, and having a rich set of features unseen in previous version control systems like Subversion, Mercurial or Microsoft TFS.

However, many teams jump into Git without understanding proper practices in version control, or how workflows in distributed version control differ from those in centralized version control. Also, many developers end up using Git simply to push or pull code, not using its many powerful features for such things as finding bugs or resolving conflicts.

This course introduces version control best practices as well as best practices specific to Git and introduces attendees to Git's less used but powerful features.

COURSE OUTLINE

Git Fundamentals

- Git Overview
- Starting a Fresh Repository
- Checking Status & Staging Your First Commit
- Your First Commit
- Reviewing Commits
- Commit Messages & Atomic Commits
- Making & Reviewing Changes Before Committing
- Unstaging a File
- Revising an Incomplete Commit
- Viewing Changes Between Commits
- Branching
- Merging
- Resolving Merge Conflicts

- Tagging
- Ignoring Files & Directories
- Finding When a Bug Was Introduced
- Sharing a Remote Repository w/
GitLab or GitHub
- Linking Commits w/ Issues on
GitLab/GitHub
- Closing an Issue on GitLab/GitHub
- Finding Someone to Blame
- Best Practices

Software and Hardware Requirements

- Git



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Enquiries



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