



Pragmatic Git

Duration: 1 day - 7 hours

Price : 590€ / person

Code: GITC2

GOALS

Installing and configuring Git. Mastering the Git basic commands. Isolating specific developments inside branches. Working on the same repository with several users.

PRE-REQUISITES: None

PUBLIC: Developers & Managers

FULL PROGRAM

GIT BASICS

- Introduction to Git
- Differences between Git and Subversion
- Architecture of a local Git repository
- Data integrity check
- Snapshots vs differences
- Installing a Git client for Linux, Windows or Mac OS X

CONFIGURING GIT

- Listing Git global configuration
- Defining Git username and email
- Defining Git editor
- Defining Git diff tool

GETTING STARTED WITH GIT

- Initializing a local Git repository
- Understanding the Git repository architecture
- Adding and committing files to the repository
- Cloning an existing repository
- Ignoring files from the repository
- Deleting, moving and renaming files in the repository
- Viewing revisions history
- Amending modifications and retrieving previous versions

GIT BRANCHES MANAGEMENT

- Introduction to branches
- Branching and merging principles
- Initializing a new branch
- Switching from a branch to another
- Rewriting the history thanks to the rebasing

DISTRIBUTED GIT

- Working with a team on remote repositories
- Working with remote branches
- Using an online Git source code manager: Github.com