Git and GitHub

Cursusduur: 2 Dagen **Cursuscode: GITHUB**

Beschrijving:

Git and GitHub Course Overview

English - Please note this course is only available in English.
Nederlands - Let op: deze training is alleen in het Engels beschikbaar.
Français - Veuillez noter que ce cours est uniquement disponible en anglais.
Git is the most widely used version control system,and GitHub is the most popular hosting service for Git repositories. Millions of developers use the

Doelgroep:

Who will the Course Benefit?

This course will benefit developers who are required to collaborate using Git and GitHub,and any team member otherwise requiring some level of awareness of how these tools work and the associated workflows and best practices.

Doelstelling:

- Course Objectives
- This course aims to provide the delegate with the skills and knowledge necessary to be able to collaborate on a project under version control,specifically with Git and GitHub.

Vereiste kennis en vaardigheden:

- Delegates attending this course should be computer literate and will ideally have some experience working at the command line though this is not essential.

Cursusinhoud:

Git and GitHub Training Course Course Contents - DAY 1

Course Introduction

- Administration and Course Materials
- Course Structure and Agenda
- Delegate and Trainer Introductions

Session 1: GETTING STARTED

- What is a VCS?
- The types of VCS
- A short history of Git
- Git vs. Subversion et al.
- The three file states
- The working tree,staging area,and Git DB
- The basic workflow
- Installing Git
- Git config
- Getting help

Session 2: GIT BASICS

- What is a repo?
- Creating and cloning repos
- Tracked vs untracked files
- Checking status
- Staging new and modified files
- Ignoring files and directories
- Viewing changes
- Committing changes
- Removing files
- Renaming files
- Viewing commit history
- Undoing changes
- Managing remotes
- Tagging Git and GitHub Training Course Course Contents - DAY 2

Session 3: BRANCHING

- What is branching?
- Commit objects
- Branches
- The master branch
- Creating a new branch
- HEAD
- Switching between branches
- Divergent history
- Merging
- Resolving conflicts
- Deleting a branch
- Branch management
- Workflows
- Remote branches
- Pushing
- Tracking branches
- Pulling
- Rebasing
- Stashing

Session 4: GITHUB

- What is GitHub?
- Getting set up
- The GitHub flow
- Pull requests
- No fast-forward merge
- Keeping up with upstream
- Creating a new repo
- Adding collaborators
- Free and paying GitHub accounts
- Changing the visibility of a repo
- Deleting a repo

Nadere informatie:

Neem voor nadere informatie of boekingen contact op met onze Customer Service Desk 030 - 60 89 444

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