

Mastering Microsoft Visual Studio Team System

3
Jours
[21 Heures]

MS50253EN



Plan de cours disponible à l'adresse <http://www.adhara.fr/MS50253EN.aspx>

Objectif

This three-day instructor-led course provides students with the knowledge and skills to develop applications as a team using Microsoft Visual Studio Team System. This course focuses on software process as well as tools provided by Team System to increase development team productivity and visibility.

Participant

This course is intended for both novice and experienced developers, testers, project managers, business analysts, architects, and IT management who have a minimum of 1 year developing software in a team environment.

Prérequis

Before attending this course, students must have:

- Developers should have 1 year experience in .NET development and have experience using a version control system.
- Project Managers should have 1 year of hands on project management experience.
- Business Analysts should have 1 year of requirements definition and management experience.
- Testers should be versed in manual testing techniques, and are best equipped with knowledge of .NET and C#.

Remarque

Le support de cours est en anglais.

Programme

1. Overview

The Business Case for ALM
Explanation of ALM Scope
How Team System Supports ALM

2. Project Management

Project Management Responsibilities
Traditional Issues
How Team System Can Help
Defining Your Project Management Approach
Governance
Compliance
Metrics

3. Requirements

The Requirements Lifecycle
Flavors of Representation
Managing Requirements

4. Source Control

Shared vs. Exclusive Checkout

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- Shelving
- Locking
- Labeling
- Conflict Resolution
- Branching & Merging
- Promotion Modeling
- Security

5. Team Build

- Team Build Overview
- Team Build Setup
- Build Script Customization
- Extending Team Build
- Community Build Tasks

6. Project Reporting

- Overview of the Reporting Architecture
- Explanation of What Reports are Communicating
- Basics of Consuming Reports
- How to Get Reports Working Properly
- Dynamic Reporting with Excel

7. Visual Studio Developer Edition

- Overview of Dev Challenges
- Performance Challenges and Dev Edition Solutions
- Team Work Challenges and Dev Edition Solutions
- Maintainability Challenges and Dev Edition Solutions
- Quality Challenges and Dev Edition Solutions
- Productivity Challenges and Dev Edition Solutions
- Visibility Challenges and Dev Edition Solutions

8. Visual Studio Test Edition

- How Test Edition Supports the Application Lifecycle
- Test Automation
- Test Management
- Test Reporting

9. Visual Studio Database Edition

- Database Edition Conceptual Overview
- Database Development Lifecycle
- Project System Overview
- Making Database Changes with Visual Studio
- Build and Deploy
- Database Testing