



Project Management with the Unified Process

Length: Two days

Level: Beginner

DESCRIPTION

Following an introduction to the concepts, structure, contents, and motivation of the Unified Process, this course provides a solid foundation in managing projects that are based on this process. Students acquire an understanding of the Project Manager's responsibilities and practical experience of project management activities in order to play that role successfully.

The Unified Process is a disciplined approach to assigning and managing tasks and responsibilities in a development organization. The goal of this process is to produce, within a predictable schedule and budget, high-quality software that meets the needs of its en users.

OBJECTIVES

Upon completion of the course, participants will be able to:

- Understand best practices for software development
 - Describe the Unified Process in terms of its phases and disciplines
 - Understand how to tailor the Unified Process
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TOPICS

- Software Development Best Practices
 - Develop Iteratively
 - Manage Requirements
 - Use Component Architectures
 - Model Visually
 - Continuously Verify Quality
 - Manage Change
 - Overview of the Unified Process
 - Implementation of the Best Practices
 - Static Structure: Process Description
 - Dynamic Structure: Iterative Development
 - An Architecture-centric Process
 - A Use-Case-Driven Process
 - Disciplines
 - Business Modeling
 - Requirements
 - Analysis & Design
 - Implementation
 - Test
 - Environment
 - Deployment
 - Configuration & Change Management
 - Project Management
 - Environment
 - Typical Iteration Plans
 - Defining the Product Vision and the Business Case
 - Building an Architectural Prototype
 - Implementing the System
 - Configuring and Implementing the Unified Process
 - The Effect of Implementing a Process
 - Implementing the Unified Process Step by Step
 - Configuring the Unified Process
 - Implementing the Unified Process
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AUDIENCE

- Project Managers and Leaders
 - Process Engineers
 - Business and Software Analysts
 - Designers
 - Implementers
 - Configuration Management Personnel
 - Testers and Quality Assurance Personnel
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PREREQUISITES

- None