



The Unified Process Fundamentals

Length: Two days

Level: Beginner

DESCRIPTION

This course provides an introduction to the concepts, structure, contents and motivation of the Unified Process.

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 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