

Sparx Systems Enterprise Architect - Fundamentals

Course Summary

Description

Beginning with an overview of architecture, design, and the Unified Modeling Language (UML), students will then have hands-on opportunities to learn to use the tool for a variety of common activities in typical usage scenarios like requirements development, business/enterprise architecture, or systems architecture/engineering.

Topics

- EA User Fundamentals
- Overview of UML and its core diagrams
- Requirements Management
- Reference Data
- Use Case Modeling
- Structural Models
- UML Behaviors
- Creating Documentation
- Generating reports in DOCX
- Model Search and Filtering
- Specific tool topics

Audience

Introduction to Enterprise Architect is intended for those new to the use of UML based modeling and design tools. It provides students with the information and knowledge to start using Sparx Systems Enterprise Architect (EA) productively in their organization. More importantly, students will gain the confidence to use more of the tools capabilities on their own. The course is offered in both public and private settings.

Prerequisites

There are no prerequisites for this course.

Duration

Two days

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Course Outline

- I. EA User Fundamentals*
 - A. Matching EA editions to user needs
 - B. Customizing the client environment
 - C. Project creation
- II. Overview of UML and its core diagrams*
 - A. Structural Diagrams
 - B. Behavioral Diagrams
 - C. EA Extended Diagrams
- III. Requirements Management*
 - A. Add elements to the model
 - B. Create element relationships
 - C. Exploring alternate visualizations
- IV. Reference Data*
 - A. Tagged Values
 - B. Project Glossary
 - C. Images
 - D. Templates
- V. Use Case Modeling*
 - A. Use case diagrams
 - B. Use case scenarios
 - C. Importing model elements
- VI. Structural Models*
 - A. Creating a Domain mode
- VII. UML Behaviors*
 - A. Interaction diagrams
 - B. State diagrams
 - C. Activity diagrams
- VIII. Creating Documentation*
- IX. Generating Reports in DOCX*
 - A. Generating HTML reports
- X. Model Search and Filtering*
 - A. Find in Project
 - B. Diagram and element layout and appearance
- XI. Specific tool topics*
 - A. Traceability
 - B. Model selection
 - C. Model organization using views and packages
 - D. Adding/Creating, moving, and deleting models diagrams, and elements
 - E. Element Linking
 - F. Model navigation