

SPARX EA FOR SOLUTION DESIGN

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INTRODUCTION

Sparx Enterprise Architect is a multi-user, graphical tool that can be used for full life cycle modelling from high-level specifications to analysis, design, implementation, test and maintenance models. It complements UML 2.5 with BPMN support and extension elements for analysis, requirements management and process management.

COURSE DESCRIPTION

This two-day course will enable delegates to best use the solution design features within Sparx Enterprise Architect to construct comprehensive solution designs in a concise and integrated fashion. The course makes use of various industry standards to deliver specific viewpoints aimed at Solution Analysis and Design. These include Archimate, UML, SysML, and SOAML techniques which are included in a detailed worked-example.

COURSE DURATION

Two days

WHO SHOULD ATTEND?

System Analyst

Solution Architects

System Designers

Information Architects

PREREQUISITES

Competence in Sparx Enterprise Architect use (as provided in the Sparx Enterprise Architect Tool Training). Basic understanding of UML and Archimate is beneficial. Prior knowledge of software analysis and development an advantage.

EQUIPMENT

Each delegate must bring a laptop on which Sparx Enterprise Architect is installed. Licenses must be provided. A free 30-day trial may be used.

COURSE CONTENT

Component modelling using ArchiMate®

- Modelling of Application Structure
- Modelling of Application Behaviour
- Modelling of Application Interaction

Component Design using UML

- Describing Behaviour using UML Sequence Diagrams
- Modelling State using UML State Transition
- Modelling of Use Cases, Scenarios and Activity Diagrams
- Modelling Information using UML Class Notation

Enhancing Delivery using Sparx Enterprise Architect

- Requirements Traceability and Lineage
- Modelling of test cases and Test Plans using Sparx Enterprise Architect
- Working with Scrum and Kanban
- Forward and Reverse Engineering

COURSE INSTRUCTORS

The course instructors have architecture experience both from consulting and corporate view-points and are thus familiar with many real world challenges.

COURSE LOGISTICS

Courses are available on request for groups of 5 or more

CONTACT US

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