Sparx Enterprise Architect – An easy entry-level («SEAELG»)

This course introduces you to the key features and concepts of Sparx Enterprise Architect and provides tips and tricks on how to successfully use the tool to create value-added documentation and models.

Duration: 2 days
Price: 1'950.–
Course documents: Digicomp courseware, tutorials, ShortKey collection and Enterprise Architect (SparxSystems) companion book compendium

Content

«Make Enterprise Architect your own tool» is a motto used to promote Sparx Enterprise Architect. Although it is simple and intuitive to use, successful deployment requires users to get to grips with the tool in order to get to grips with its many features and make optimal use of them. The use of the tool in the company is subject to a development process and will be extended step by step.

1. Installation and Configuration
   - Initial settings on the tool
   - Workspaces
   - Ribbon Menu
   - Menu Sets
   - Perspective Sets
   - Project settings
2. Overview of the range of functions
   - Logical Structuring
   - Demo project «EAExample»
3. Project Browser
   - Views and Packages
   - Structuring
   - Diagrams
   - Items
4. Model and Diagrams
   - Draw, arrange, and align elements
   - Connect
   - Control via diagram properties
   - Setting the Toolbox
   - Main element types
   - Advanced chart elements
   - Copy and Paste
   - Print
   - Convert diagram type
5. Elements and Connectors
   - Properties
   - Type conversion
   - «Non-UML-compliant» connections
   - Notes
6. Search
   - In diagrams and project browser
   - Filters
   - Relationship matrix
   - «Traceability»
7. Control via stereotypes and TagedValues

  ◦ How to use and apply
8. Styles and Cliparts
  ◦ Application
  ◦ Binding to the project
9. Resource Browser
  ◦ What it can be used for
10. Working in a team
  ◦ Project members
  ◦ Team collaboration
  ◦ Authorisation system
11. Versioning and Baselines
  ◦ Internal-Version-Management
  ◦ External-Version-Management
12. Model Import/Export
  ◦ CSV
  ◦ XMI
  ◦ UML
  ◦ BPMN
13. Documentation Generation
  ◦ Using templates
  ◦ Customize templates
14. Documentation and models with 4+1 view model
  ◦ Basis for the organization of a project
  ◦ Contents and delimitations
  ◦ Internal and external documents/models
  ◦ Glossaries
15. Tips and tricks
  ◦ Templates
  ◦ ShortKeys
  ◦ Bookmarking
  ◦ Locking
  ◦ Repeats (Elements and Connectors)
  ◦ Copying Diagrams
  ◦ Own Toolbox
  ◦ Autonaming
  ◦ Slideshow
  ◦ List view
  ◦ Sorting
  ◦ Spell check
  ◦ Repairing damaged models
  ◦ Organization of documentation and models
  ◦ Easy readability of documentation and models (Usability for readers)
  ◦ Policies
  ◦ Best Practices

Key Learnings

- The tools you need to efficiently and effectively create documentation and models in Enterprise Architect that bring real value to your projects and are easy for project participants to find their way around
- Knowing what to consider when organizing documentation and models
- Important setting options in Enterprise Architect
- Possibilities for versioning and user control
- Support you in deciding which model can be used in your company
- Many small subtleties that make it easier for you to use the tool and enable you to create attractive diagrams and models

Target audience

This course is targeted at Developers, Architects, Business Analysts, Requirements Analysts, Quality Officers, Testers, Procurement Officers, IT Managers, Project Managers and Executives.

Further courses

- Basics of Object-oriented Software Development («OGL»)
- Object-oriented Analysis and Design (OOAD) («OOU»)
- Service-oriented architecture («SOA»)
- Unified Modeling Language («UML»)

Any questions?

We are happy to advise you on +41 44 447 21 21 or info@digicomp.ch. You can find detailed information about dates on www.digicomp.ch/courses-software-engineering/it-architecture/enterprise-software-architecture/course-sparx-enterprise-architect-an-easy-entry-level