

Service-oriented architecture Modeling Language (SoaML) using Enterprise Architect 14.x or 15.x

One Day Course Syllabus

COURSE LEADER

Introduction to Enterprise Architect

User Interface

- Desktop layout
 - Overview, Start Page, Visual Style, Portals

- Ribbons
 - Perspectives, Workspace Layouts, and ribbon configuration

Managing Projects

- Creating and opening Projects
- Creating Root Nodes and Packages
- Browser features
- Organizing models

Managing Diagrams

- Toolbox
- Creation techniques
- Options in ribbons, context menu, properties dialog and window
- Navigation between diagrams
- Floating diagrams
- Copy/paste across diagrams
- Inline Specification Manager

Managing Elements

- Creation techniques
- Editing properties
- Drag and drop
- Diagram only elements

Customizing Diagram Element Appearance

- Background color, font, image
- Layering
- Feature visibility
- Sizing and alignment

Deleting Model Elements

- Diagram level deletions
- Repository level deletions

Managing Connectors

- Creation (toolbox and Quick Linker)
- Redirection
- Line bends and styles

Managing Packages

- Package Navigation
- Identifying and selecting favorite Packages
- Package Browser/List View (overview)

Tool Configuration

- Defining general types
- Personal configuration options

Frank Truyen

is a principal consultant and trainer, with 20+ years of experience in the IT industry as a developer, architect, consultant and manager.

Strong expertise in different modeling notations such as UML®, SysML®, SoaML™, UPDM™, ArchiMate® and BPMN™, allied with his extensive experience in using the Enterprise Architect modeling tool, allows Frank to successfully provide training and consulting services to a broad variety of customers across many industries.

SoaML

Overview

Core Concepts & Examples

Basic Service

Service Interface

Services Architecture

Participant Architecture

Service Contract

End-to-End Traceability

Capability

Meta-Types

Agent

Attachment

Capability

Collaboration Use

Port

Message Type

Milestone

Participant

Participant Architecture

Property

Request Point

Service Point

Service Channel

Service Contract

Service Interface

Services Architecture

Traceability and Navigation

Overview

The Relationships window

The Relationship Matrix

The Traceability window

Other traceability features

Core Tool Features

Documentation Generation

- RTF/DOCX/PDF generator
- Diagram, Package, and Element options
- Linking generated documents into Microsoft Word
- Model documents
- Master documents
- Generating HTML
- Other features

Document Artifacts

- Creating
- Linked Documents
- External document links
- Document window

Model Searches

- Initiating
- Configuring
- Viewing results
- Custom searches
- Other features

Managing Baselines and comparing models

- Creating baselines
- Administering baselines
- Package comparisons
- Diagram comparisons

End-to-End Modeling Exercise (if time permits)

- The Online Bookstore Distribution Model, or
- A User Defined Modeling Exercise