

Service-oriented architecture Modeling Language (SoaML) using Enterprise Architect

One Day Course Syllabus

COURSE LEADER

Introduction to Enterprise Architect

User Interface

- Desktop layout
- Portals window
- Visual styles
- Commonly used Views
- Workspace Layouts, Menu Sets, and Perspectives

Managing Projects

- Creating and opening Projects
- Creating Root Nodes, Views and Packages
- Adding Models using the Wizard
- Organizing Models with Views and Packages

Managing Diagrams

- Toolbox
- Creation techniques
- Menu options, properties and toolbar
- Navigation between diagrams
- Floating diagrams
- Copy/paste across diagrams

Creating Diagram Elements

- Creation techniques
- Properties
- Drag and drop

Managing Diagram Elements

- Appearance, layering, and feature visibility
- Alignment, resizing, automatic layout
- Info view

Deleting Model Elements

- Diagram level deletions
- Repository level deletions

Managing Connectors

- Creation (toolbox and Quick Linker)
- Redirection
- Advanced options
- Line bends and styles
- Virtualizing Connector ends

Managing Package Content

- Package Navigator
- Package Browser/List View

Tool Configuration

- Defining People
- 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®, SoaML™, DDS™, 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 Gap Analysis Matrix

The Traceability window

Other traceability features

Core Tool Features

Documentation Generation

- Template driven RTF generator
- Diagram and Package options
- Linking into Microsoft Word
- Model documents
- Master documents
- Generating to an Artifact
- HTML generator

Document Artifacts

- Creating
- Linked Documents
- External document links

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