

# Service-oriented architecture Modeling Language (SoaML) using Enterprise Architect 13.x or 14.x

One Day Course Syllabus

## Introduction to Enterprise Architect

### User Interface

- Desktop layout
- Portals
- Commonly used Windows/Ribbons
- Perspectives, Workspace Layouts, Menu, and Ribbon Configuration

### Managing Projects

- Creating and opening Projects
- Creating Root Nodes, Views and Packages
- Model patterns
- Project Browser Features

### Managing Diagrams

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

### Creating Diagram Elements

- Creation techniques
- Properties
- Drag and drop

### Customizing Diagram Element Appearance

- Color, Font, Image
- Layering
- Feature Visibility
- Layout and Alignment

### Deleting Model Elements

- Diagram level deletions
- Repository level deletions

### Managing Connectors

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

### Managing Package Content

- Package Navigator
- Package Browser/List View (overview)

## Tool Configuration

- Defining general types
- Personal configuration options

### COURSE LEADER

## 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™, 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 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