

# Modeling with the UPDM™ Framework Using Enterprise Architect 13.x / 14.x

Two Day Course Syllabus

DAY 1

## Framework Overview

COURSE LEADER

### 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
- Editing 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 and global 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™, 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.

## Traceability and Navigation

Overview

The Relationships window

The Relationship Matrix

The Traceability window

Other traceability features

## UPDM Framework Interface in EA

- includes example diagrams and exercises

Creating a Framework Instance

Additional add-in menu options

## All Views

AV-1, AV-2

## Capability Viewpoint

CV-1 through CV-7

DAY 2

## Operational Viewpoint

OV-1a through OV-1d

OV-2 through OV-5

OV-6a through OV-6c

OV-7 (DIV-1, DIV-2)

## System Viewpoint

SV-1 through SV-9

SV-10a, SV-10b, SV-10c

DIV-3

## Project Viewpoint

PV-1, PV-2, PV-3

## UPDM Elements and Concepts

Reference Material

## 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