

Modeling with the UPDM™ Framework Using Enterprise Architect 14.x / 15.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™, 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

Framework Overview

Interface in EA

Creating a Framework Instance

Additional add-in menu options

All Views

AV-1, AV-2

Capability Viewpoint

CV-1 through CV-7

Exercise for each Viewpoint

DAY 2

Operational Viewpoint

OV-1a through OV-1d

Exercise

OV-2 through OV-5

Exercise for each Viewpoint

OV-6a through OV-6c

Exercise for each Viewpoint

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

System Viewpoint

SV-1 (SvcV-1) through SV-9 (SvcV-9)

Exercise for SV-1 (SvcV-1) through SV-6 (SvcV-6)

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

Exercise for each Viewpoint

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

Exercise

Document Artifacts

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

Exercise

Model Searches

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

Exercise

Managing Baselines and comparing models

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

Exercise