

Modeling with the UPDM™ Framework Using Enterprise Architect 15.x or 16.x

Two Day Course Syllabus

Framework Overview

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 and global 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 key modeling notations (UML®, SysML®, ArchiMate®, and BPMN™), as well as architectural frameworks (UPDM™, UAF®, SABSA®), 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

Exercise

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

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

Optional half-day extensions to the above training course

1. Workshop: UPDM end-to-end Modeling Exercise

A subset of the Search and Rescue project, or a User defined project

2. Additional tool features

Creating elements in a non-graphical way

Using the Specification Manager

Importing (and exporting) using Microsoft Excel

Traceability Features

Overview

The Relationships window

The Relationship Matrix

The Traceability window

Other traceability features

Documentation Generation

RTF/DOCX/PDF generator

Diagram, Package, and Element options

Linking generated documents into Microsoft Word

Model Document

Report Package

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