

Modeling with the Unified Architecture Framework (UAF®) using Enterprise Architect 15.x or 16.x

Three Day Course Syllabus

DAY I

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

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.

Managing Packages
Package Navigation
Identifying and selecting favorite Packages
Package Browser/List View (overview)

Tool Configuration

Defining general types
Personal and global configuration options

UAF Introduction

Enabling the technology
Overview of the UAF View Specifications

View Specifications

Summary and Overview

Dictionary

Dictionary diagram

Requirements

Requirements diagram
Creating Requirements using the Specification Manager
Importing Requirements from Excel
Tracing Requirements using the Relationship Matrix

Strategic

Diagrams: Taxonomy, Structure, Connectivity, States, Constraints, Roadmap, Traceability

Operational

Diagrams: Taxonomy, Structure, Connectivity, Processes, States, Interaction Scenarios, Constraints, Roadmap, Traceability, Use Cases

DAY 2

Services

Diagrams: Taxonomy, Structure, Connectivity, Processes, States, Interaction Scenarios, Constraints, Roadmap, Traceability, Measurements, Information

Personnel

Diagrams: Taxonomy, Structure, Connectivity, Processes, States, Interaction Scenarios, Constraints, Roadmap, Traceability

Resources

Diagrams: Taxonomy, Structure, Connectivity, Processes, States, Interaction Scenarios, Constraints, Roadmap, Traceability

Actual Resources

Diagrams: Structure, Connectivity, Traceability

Security

Diagrams: Taxonomy, Structure, Connectivity, Processes, Constraints, Traceability, Measurements

DAY 3

Projects

Diagrams: Taxonomy, Structure, Connectivity, Processes, Roadmap, Traceability

Standards

Diagrams: Taxonomy, Structure, Roadmap, Traceability

Information

Diagrams: Information Model

Parameters

Diagrams: Environment, Measurements

UAF Concept Definitions

Detailed reference material describing all major concepts (elements and connectors) used in the framework

Traceability and Navigation

Overview

The Relationships window

The Relationship Matrix

The Traceability window

Other traceability features

Exercise

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