

Modeling with the Enterprise Architect MDG Technology Extension for TOGAF® 9.1 using Enterprise Architect 13.x / 14.x

Two Day Course Syllabus

DAY 1

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.

Managing Requirements

- Creating Requirements via a diagram
- Creating Requirements using the Specification Manager
- Other features
- Importing & exporting using Microsoft Excel
- Organizing Requirements

MDG Technology for TOGAF

- Overview
- Creating a Framework instance
- Diagram types
- Extended properties
- Document Artifact templates

Suggested ADM Diagram and Viewpoint Mappings

DAY 2

Business Architecture

Catalogs

- Organization/Actor
- Driver/Goal/Objective
- Role
- Service/Function
- Location
- Process/Event/Control/Product
- Contract/Measure

Matrices

- Organization/Actor
- Actor/Role
- Business Interaction

Core diagrams

- Business Footprint
- Service/Information
- Functional Decomposition
- Product Lifecycle

Data diagrams

- Conceptual Data
- Data Lifecycle

Extension diagrams

- Goal/Objective/Service
- Use-Case
- Organization Decomposition
- Process Flow
- Event

Information Systems Architecture

Catalogs

- Application Portfolio
- Interface Portfolio

Matrices

- Application Interaction
- Application/Function
- Application/Organization
- Role/Application

Core diagrams

- Application and User Location
- Application Communication
- Application Use-Case

Data diagrams

- Logical Data
- Data Dissemination
- Data Security
- Data Migration

Extension diagrams

- Application Migration
- Enterprise Manageability
- Process/Application Realization
- Software Engineering

Technology Architecture

Catalogs

- Technology Standards
- Technology Portfolio

Matrices

- Application/Technology

Core diagrams

- Environment and Location
- Platform Decomposition

Extension diagrams

- Processing
- Networked Computing/Hardware
- Communications Engineering

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