

# Modeling with TOGAF® using Enterprise Architect

Three Day Course Syllabus

DAY I

## Framework Overview

### Introduction to Enterprise Architect

#### Desktop Layout

- Toolbox and diagram relationship
- Hiding, docking, moving, closing and restoring windows

#### Managing Projects

- Creating Projects
- Creating Root Nodes and Views
- Creating and viewing Packages
- Organizing models

#### Managing Diagrams

- Toolbox
- Creating diagrams
- Diagram options and properties
- Diagram tips and tricks

#### User Interface

- Commonly used windows
- Custom layouts

### Framework Interface in EA

- Creating a Framework Instance
- Additional add-in menu options

### Requirements Modeling

- Creating Requirements via a Diagram
- Creating Requirements via the Package Browser
- Automatic Numbering
- Importing & Exporting Requirements
- Organizing Requirements
- Exercise

### Traceability and Navigation

### Architecture Development Method

#### Overview

- Phase A: Architecture Vision
- Phase B: Business Architecture
- Phase C: Information Systems Architecture
- Phase D: Technology Architecture

COURSE LEADER

## Frank Truyen

is a principal consultant and trainer, with 15+ years of experience in the IT industry as a developer, architect, consultant and manager.

Strong expertise in different modeling notations such as UML®, ArchiMate® and BPMN™, allied with a wide experience of different modeling tools, has allowed Frank to successfully provide training and consulting services over the last decade to a broad variety of customers across many industries.

## Business Architecture

### Catalogs

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

### Matrices

- Organization/Actor
- Actor/Role

### Viewpoints/diagrams

- Business Footprint
- Business Service/Information
- Functional Decomposition
- Goal/Objective/Service
- Use-Case
- Organization Decomposition
- Process Flow
- Events

## Information Systems Architecture

### Catalogs

- Data Entity/Data Component

### Matrices

- Data Entity/Business Function
- Business Service/Information
- Application/Data

### Viewpoints/diagrams

- Conceptual Data
- Logical Data
- Data Dissemination
- Data Lifecycle
- Data Security
- Data Migration

## Technology Architecture

### Catalogs

- Technology Standards
- Technology Portfolio

### Matrices

- Application/Technology

### Viewpoints/diagrams

- Environments and Locations
- Platform Decomposition
- Processing
- Networked Computing/Hardware
- Communications Engineering

## Modeling Guidelines

### Core Tool Features

Documentation Generation

- Template driven RTF generator
- HTML generator
- Virtual documents
- Master documents

Searching the Repository

Managing Baselines

Comparing Models

Document Artifacts

### End-to-End Modeling Exercise

The Online Bookstore model, or

A User defined modeling exercise