

# Best Practices in Modeling using Enterprise Architect

Two Day Course Syllabus

DAY I

## 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

## Tool Configuration

- Defining People
- Defining Types
- Common Option Settings

## Creating (UML) Diagrams

### Analysis Diagrams

- Requirements
- Use Cases
- Activity
- Conceptual

### Design Diagrams

- Class
- Sequence
- Communication

### Implementation Diagrams

- Component
- Deployment

## Traceability and Navigation

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.

DAY 2

## Sharing Model Elements

### Sharing Strategies

#### XML (XMI) Import/Export

- Understanding globally unique identifiers (GUIDs)

#### Version Control

- Initialization

- Private versus shared repositories

- Adding a Package to version control

- Checking a Package out

- Checking a Package in

- Other version control features

## Core Tool Features

### Generating Documentation

- Template driven RTF generator

- HTML generator

- Virtual documents

- Master documents

### Searching the Repository

- Managing Baselines

- Comparing Models

- Document Artifacts

## Extra Tool Features

- Saving Project Shortcuts

- Managing Diagram Elements

- Replicating Elements

- Managing Hyperlinks

- Keyboard Shortcuts

- Getting Help

## Optional Tool Features

### Project Management

- Element maintenance

- Project maintenance

### Testing

- Workspace

- Importing Use Case Scenarios

- Reports

### Model Validation

## End-to-End Modeling Exercise

- The Online Bookstore model, or

- A User defined modeling exercise