

# Modeling with ArchiMate® using Enterprise Architect

One Day Course Syllabus

## Introduction to Enterprise Architect

COURSE LEADER

### User Interface

- Desktop layout
- Portals window
- Visual styles
- Commonly used Views
- Workspace Layouts, Menu Sets, and Perspectives

### Managing Projects

- Creating and opening Projects
- Creating Root Nodes, Views and Packages
- Adding Models using the Wizard
- Organizing Models with Views and Packages

### Managing Diagrams

- Toolbox
- Creation techniques
- Menu options, properties and toolbar
- Navigation between diagrams
- Floating diagrams
- Copy/paste across diagrams

### Creating Diagram Elements

- Creation techniques
- Properties
- Drag and drop

### Managing Diagram Elements

- Appearance, layering, and feature visibility
- Alignment, resizing, automatic layout
- Info view

### Deleting Model Elements

- Diagram level deletions
- Repository level deletions

### Managing Connectors

- Creation (toolbox and Quick Linker)
- Redirection
- Advanced options
- Line bends and styles
- Virtualizing Connector ends

### Managing Package Content

- Package Navigator
- Package Browser/List View

## Tool Configuration

- Defining People
- Defining general types
- Personal 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®, 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.

## ArchiMate

### Overview

#### Business Layer

##### Active Structure Concepts

- Actor
- Role
- Collaboration
- Interface
- Location
- Exercise 1

##### Behavioral Concepts

- Process
- Function
- Interaction
- Event
- Service
- Exercise 2

##### Passive Structure Concepts

- Business Object
- Representation
- Meaning
- Value
- Product
- Contract
- Exercise 3

#### Application Layer

##### Active Structural Concepts

- Component
- Collaboration
- Interface
- Exercise 4

##### Behavioral Concepts

- Function
- Interaction
- Service
- Exercise 5

##### Passive Structure Concepts

- Data Object

## Technology Layer

### Active Structural Concepts

- Node
- Device
- System Software
- Infrastructure Interface
- Network
- Communication Path
- Exercise 6

### Behavioral Concepts

- Infrastructure Function
- Infrastructure Service

### Passive Structure Concepts

- Artifact
- Exercise 7

## Dependencies across Layers

- Business-to-Application Dependencies
- Application-to-Technology Dependencies

## Relationships

## **Traceability and Navigation**

Overview

The Relationships window

The Relationship Matrix

The Gap Analysis Matrix

The Traceability window

Other traceability features

## **Core Tool Features (if time permits)**

### **Documentation Generation**

Template driven RTF generator

Diagram and Package options

Linking into Microsoft Word

Model documents

Master documents

Generating to an Artifact

HTML generator

### **Document Artifacts**

Creating

Linked Documents

External document links

### **Model Searches**

Initiating

Configuring

Viewing results

Custom searches

Other features

### **Managing Baselines and comparing models**

Creating baselines

Administering baselines

Package comparisons

Diagram comparisons