

# Modeling with the Zachman Framework using Enterprise Architect

Two Day Course Syllabus

DAY 1

## Introduction to Enterprise Architect

### 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

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 different modeling notations such as UML<sup>®</sup>, SoaML<sup>™</sup>, DDS<sup>™</sup>, UPDM<sup>™</sup>, ArchiMate<sup>®</sup> and BPMN<sup>™</sup>, 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.

## Traceability and Navigation

Overview

The Relationships window

The Relationship Matrix

The Gap Analysis Matrix

The Traceability window

Other traceability features

## Framework Overview

### Perspectives

The Rows of the Framework

### Abstractions

The Columns of the Framework

## Framework Interface in EA

Creating a Framework Instance

Additional add-in menu options

## The Cells of the Framework

Column 1: Enterprise Resources

Column 2: Enterprise Functions

Column 3: Enterprise Networks

Column 4: Enterprise Organizations

Column 5: Enterprise Timings

Column 6: Enterprise Motivations

DAY 2

## Cell Content Summary

### Partitioning the Framework

Vertical Slicing

Horizontal Slicing

### Integrating the Framework

Scope Integration

Horizontal Integration

Vertical Integration

## Modeling Guidelines

### Conclusions

Strengths and Weaknesses of the Framework

Strengths and Weaknesses of the Enterprise Architect Implementation

Recommendations

## Core Tool Features

### 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

### End-to-End Modeling Exercise

- The Online Bookstore model, or
- A User defined modeling exercise