

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[®], 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.

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