

Modeling with the Zachman Framework using Enterprise Architect 14.x / 15.x

Two Day Course Syllabus

COURSE LEADER

DAY 1

Introduction to Enterprise Architect

User Interface

- Desktop layout

 - Overview, Start Page, Visual Style, Portals

- Ribbons

- Perspectives, Workspace Layouts, and ribbon configuration

Managing Projects

- Creating and opening Projects

- Creating Root Nodes and Packages

- Browser features

- Organizing models

Managing Diagrams

- Toolbox

- Creation techniques

- Options in ribbons, context menu, properties dialog and window

- Navigation between diagrams

- Floating diagrams

- Copy/paste across diagrams

- Inline Specification Manager

Managing Elements

- Creation techniques

- Editing properties

- Drag and drop

- Diagram only elements

Customizing Diagram Element Appearance

- Background color, font, image

- Layering

- Feature visibility

- Sizing and alignment

Deleting Model Elements

- Diagram level deletions

- Repository level deletions

Managing Connectors

- Creation (toolbox and Quick Linker)

- Redirection

- Line bends and styles

Managing Packages

- Package Navigation

- Identifying and selecting favorite Packages

- Package Browser/List View (overview)

Tool Configuration

- Defining general types

- Personal and global 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®, SysML®, SoaML™, 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 Traceability window

Other traceability features

Exercise

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 (includes exercises)

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

RTF/DOCX/PDF generator
Diagram, Package, and Element options
Linking generated documents into Microsoft Word
Model documents
Master documents
Generating HTML
Other features

Exercise

Document Artifacts

Creating
Linked Documents
External document links
Document window

Exercise

Model Searches

Initiating
Configuring
Viewing results
Custom searches
Other features

Exercise

Managing Baselines and comparing models

Creating baselines
Administering baselines
Package comparisons
Diagram comparisons

Exercise

End-to-End Modeling Exercise

The Online Bookstore model, or
A User defined modeling exercise