

Business Architecture using Enterprise Architect 16.x or later

Two Day Course Syllabus

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

COURSE LEADER

Frank Truyen

is a principal consultant and trainer, with 25+ years of experience in the IT industry as a developer, architect, consultant and manager.

Strong expertise in key modeling notations (UML®, SysML®, ArchiMate®, and BPMN™), as well as architectural frameworks (UPDM™, UAF®, SABSA®), 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.

Modeling Business Architecture

Managing Requirements

Creating Requirements via a diagram
Creating Requirements using the Specification Manager
Other features
Importing & exporting using Microsoft Excel
Organizing Requirements
Exercise

Structural models

UML (Conceptual) Class diagram

Behavioral models

UML Use Case diagram

- Key relationships
- Diagram creation
- Include and Extend relationships
- Modeling and viewing (structured) Scenarios
- Defining constraints
- Tracing Requirements to Use Cases

Exercise
UML Activity diagram
Exercise

Traceability and Navigation

Overview
The Relationships window
The Relationship Matrix
The Traceability window
Other traceability features
Exercise

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

Optional half-day extensions to the above training course

Option 1-

- End-to-end modeling exercise

 - The online bookstore model, or a User defined model

Option 2-

- Collaboration features

 - Sharing strategies

 - Model data (XML/XMI) import/export

 - Understanding globally unique identifiers (GUIDs)

 - Version Control

 - Setup

 - Usage

 - Other features

 - Security

 - Administration

 - Usage

 - Import/Export of Reference Data

 - Element Discussions

 - Formal Reviews

Option 3-

Extra tool features

Diagram features

- Automatic layout
- Element resizing
- Connector features
- Boundaries, Swimlanes, Matrix, and Kanban
- Content filters
- Notes
- Active legends

Element features

- Info View
- Element Browser
- Composite elements
- Linking notes to feature documentation
- Cloning diagrams, elements, Packages
- Time Aware Modeling

Other features

- Working Sets
- Package management
- Charts, Dashboards, and Heatmaps
- Managing Hyperlinks
- Keyboard shortcuts
- Getting help
- Glossary