Modeling with ArchiMate® 3.0 using Enterprise Architect 13.x or 14.x

Three Day Course Syllabus

**DAY 1**

**Introduction to Enterprise Architect**

*User Interface*
- Desktop layout
- Portals
- Commonly used Windows/Ribbons
- Perspectives, Workspace Layouts, Menu, and Ribbon Configuration

*Managing Projects*
- Creating and opening Projects
- Creating Root Nodes, Views and Packages
- Model patterns
- Project Browser Features

*Managing Diagrams*
- Toolbox
- Creation techniques
- Menu/ribbon options, context menu, properties and toolbar
- Navigation between diagrams
- Floating diagrams
- Copy/paste across diagrams

*Creating Diagram Elements*
- Creation techniques
- Editing properties
- Drag and drop

*Customizing Diagram Element Appearance*
- Color, Font, Image
- Layering
- Feature Visibility
- Layout and Alignment

*Deleting Model Elements*
- Diagram level deletions
- Repository level deletions

*Managing Connectors*
- Creation (toolbox and Quick Linker)
- Redirection
- Line bends
- Line styles

*Managing Package Content*
- Package Navigator
- Package Browser/List View (overview)

**Tool Configuration**
- Defining general types
- Personal and global configuration options

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**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®, SysML®, 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 3.0
Overview

**Motivation Elements**
Stakeholder
Driver
Assessment
Exercise 1

Goal
Outcome
Principle
Requirement
Constraint
Exercise 2

Meaning
Value
Exercise 3

**Strategy Elements**
Resource
Capability
Course of Action
Exercise 1

**Business Layer**
Active Structure Elements
Actor
Role
Collaboration
Interface
Exercise 1

Behavioral Elements
Process
Function
Interaction
Event
Service
Exercise 2

Passive Structure Elements
Business Object
Contract
Representation

Composite Elements
Product
Exercise 3
DAY 2

**Application Layer**
Active Structural Elements
- Component
- Collaboration
- Interface
- Exercise 4

Behavioral Elements
- Function
- Interaction
- Process
- Event
- Service
- Exercise 5

Passive Structure Elements
- Data Object

**Technology Layer**
Active Structural Elements
- Node
- Device
- System Software
- Collaboration
- Interface
- Path
- Communication Network
- Exercise 6

Behavioral Elements
- Function
- Process
- Interaction
- Event
- Service

Passive Structure Elements
- Object
- Artifact
- Exercise 7

**Physical Elements**
Active Structure Elements
- Equipment
- Facility
- Distribution Network

Passive Structure Elements
- Material
- Exercise 8
Implementation and Migration Elements
- Work Package
- Deliverable
- Implementation Event
- Plateau
- Gap
- Exercise 9

Dependencies across Layers
- Business-to-lower layer alignment
- Application-to-Technology alignment
- Implementation and Migration alignment

Relationships
- Structural
  - Assignment, Aggregation, Composition, and Realization
- Dependency
  - Influence, Serving, and Access
- Dynamic
  - Triggering and Flow
- Other
  - Association, Specialization, and Junction

Alignment with other Standards
- TOGAF
- BPMN
- UML
- BMM

Traceability and Navigation
- Overview
- The Relationships window
- The Relationship Matrix
- The Traceability window
- Other traceability features

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
Document Artifacts
Creating
Linked Documents
External document links
Document window

Model Searches
Initiating
Configuring
Viewing results
Custom searches
Other features

Managing Baselines and comparing models
Creating baselines
Administering baselines
Package comparisons
Diagram comparisons

Extra Tool Features (if time allows)
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
Model Views
Glossary