

UN/CEFACT Modeling Methodology (UMM) 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

Tool Configuration

- Defining People
- Defining general types
- Personal configuration options

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

UN/CEFACT Modeling Methodology (UMM)

Business Collaboration Model

Overview

Business Requirements View

Business Domain View

Business: Category, Area, Process Use Case, Process, Process Action, Shared/Internal Entity State,
Process Area

Business Partner View

Business Partner, Stakeholder

Business Entity View

Business Entity

Business Entity State

Business Data View

Business Choreography View

Business Transaction View

Authorized Role, Requesting/Responding Pin, Requesting/Responding Action,
Shared Business Entity State, Business Transaction Use Case, Business Transaction Partition,
Business Transaction

Transaction Patterns

Business Collaboration View

Authorized Role, Business Transaction Action, Nested Business Collaboration

Business Collaboration: Use Case, Protocol, Partition, Action/Call

Business Realization View

Business Realization Use Case

DAY 2

Business Information View

Business Information, Information Envelope

UML Profile for Core Components (UPCC)

End-to-end Exercise

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