

UN/CEFACT Modeling Methodology (UMM) using Enterprise Architect 13.x or 14.x

Two 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

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.

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

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