

Business Process Modeling with BPMN™ 2.0 using Enterprise Architect 14.x or 15.x

Two Day Course Syllabus

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

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™, 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.

Introduction to BPMN

BPMN Elements and Concepts

Process

Definition

Creating a Business Process

Steps for modeling a business process

Lane and Pool Management

Events

Definition

Handling Strategies

Event Types

- Cancel

- Terminate

- None

- Timer

- Compensation

- Conditional

- Signal

- Error

- Link

Start Event

End Event

Intermediate Event

Activities

Definition

Sub-Process

- Event Sub-Process

- Transaction Sub-Process

Task Types

- Service

- Send

- Receive

- User

- Manual

- Business Rule

- Script

Call Activity

Standard loop semantics

DAY 2

Gateways

Definition

Gateway Types

Exclusive

Inclusive

Parallel

Event-Based

Complex

Lanes

Definition and properties

Mapping to Roles

Items and Data

Data Object

Lifecycle and accessibility

Data Association

Artifacts

Group

Text Annotation

Association

Appendices

Sequence Flow

Common Elements

Category

Error

Escalation

Message

ResourceRole

Signal

Compensation Handling

Collaboration Models

Pool

Participant

PartnerEntity / PartnerRole

Message Flow

Option 1 (as time permits):

End-to-End Modeling Exercise/Workshop

The Change Control Board (CCB) Process, or
A User Defined Modeling Exercise

Option 2 (as time permits):

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