

# Business Process Modeling with BPMN™ using Enterprise Architect

One Day Course Syllabus

COURSE LEADER

## BPMN Elements and Concepts

### 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
- 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
- Alignment
- Resizing

#### Deleting Model Elements

- Diagram level deletions
- Repository level deletions

#### Managing Connectors

- Creation (toolbox and Quick Linker)
- Redirection
- Advanced options
- Line bends and styles

#### Managing Package Content

- Package Navigator
- Package Browser/List View

## 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.

## Core Concepts

Process

Steps for Modeling a Business Process

Flow Objects

Events

Definition and handling strategies

Event types

Terminate

None

Timer

Message

Signal

Error

Escalation

Link

Start Event

End Event

Intermediate Event

Activity

Sub-Process

Event Sub-Process

Task

Service

Send

Receive

User

Manual

Call Activity

Standard loop semantics

Gateway

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

Sequence Flow

Collaboration Models

Pool

Message Flow