

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

One Day Course Syllabus

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

Terminate

None

Timer

Message

Signal

Error

Escalation

Link

Start Event

End Event

Intermediate Event

Activities

Definition

Sub-Process

Event Sub-Process

Task Types

Service

Send

Receive

User

Manual

Call Activity

Standard loop semantics

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

Collaboration Models

Pool

Message Flow

Validation Rules

Modeling Examples

References