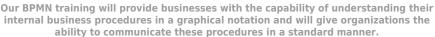
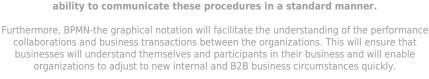
E2B Learning

BPMN - Business Process Model & Notation

2 Days (14 Hours)







COURSE & LEARNING OBJECTIVES

At course completion, students will be able to:

- Name the most commonly used elements of BPMN
- Use pools, lanes, tasks and sub processes
- Describe best-practice for top-down hierarchical modeling
- Apply descriptive modeling
- Analyze models qualitatively
- Use a top-down methodology
- Avoid getting getting bogged down in detail
- Focus on handoffs between process actors
- Use a Process Modeler tool

COURSE OUTLINE

Introduction

- A Brief History of Process
- The Process Perspective
- Process Management
- Process Modeling Analysis & Design
- Business Process Management Framework
- Business Process Management Systems
- Business Process Architecture

BPMN Implementation Strategies

- BPMN Value Proposition
- The BPMN Community
- Why automate BPMN?
- Topology of a SOA reference architecture
- BPMN Vendors overview
- · Positioning of BPMN tools

Aligning IT and Business

- BPMN vs BPMS
- When to choose a BPMS
- IT and business must work hand in hand
- Matching the right technology to your problem
- Adopting a development model
- Overview of a BPM system
- Terms and concepts

Understanding Basic Concepts and Architecture

- Process Modeling
- Process Analysis
- Process Design
- Components and structure of a BPMS
- Enterprise Process Management Planning

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Modeling a process with BPMN

- The added value of BPMN
- Composability and basic services
- Promoting an incremental and iterative approach
- Why should Use cases drive the project?
- Declaration of message properties
- Use of correlation sets
- Develop a complex parallel execution of activities
- Designing concurrency

Fault Handling and Exception Management

- Defining Events
- Configuring Timeouts
- Handling Faults
- Catching Exceptions
- Compensation Management

WHO SHOULD ATTEND?

System engineers, consultants, system administrators, technical project managers.

PREREQUISITES

XML and UML background knowledge might be beneficial.

COURSE MATERIAL

Delegates will receive a comprehensive training material with exercises and reference material.

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