

Process Implementing with IBM Business Process Manager Standard V8.5 - I Information

Length:	5.0 Days
Ref:	WB808G
Delivery method:	Classroom Instructor Led Online
Price:	EUR

Overview

This course is also available as self-paced virtual (e-learning) course *Process Implementing with IBM Business Process Manager Standard V8.5 - I* (ZB808G). Please note that this option does not require any travel.

In this course, you learn core process modeling skills that improve the speed and quality of process definition and implementation efforts. You also learn a project development approach, process model implementation fundamentals, and exceptional delivery patterns.

The course integrates training in business process management (BPM) methods and implementation with IBM Business Process Manager V8.5. IBM Business Process Manager V8.5 is a comprehensive BPM environment that provides users with the necessary visibility and insight to effectively manage the business processes of their organization.

The course begins with an overview of business process management and process modeling, emphasizing the concepts of reuse, ease of maintenance, and high-quality development strategies. You use the IBM Business Process Manager Standard V8.5 Process Designer component to create a business process definition (BPD) from business requirements that are identified during process analysis. You learn how to make team collaboration more efficient by enabling all team members to use standard Business Process Model and Notation (BPMN) elements. BPMN elements make expressing and interpreting business requirements consistent throughout the business process management lifecycle.

The course continues with an overview of the architecture of IBM Business Process Manager V8.5, and describes the use of process applications and toolkits within the tool. You create business objects and variables, implement gateways, and enable team lanes to demonstrate process flow on your diagrams. You build customized user interfaces (coaches) to enable business and process data flows throughout the process model.

The course uses an interactive learning environment, with hands-on demonstrations and class activities to reinforce concepts and check understanding. Lab exercises are provided throughout the course, giving you hands-on experience with BPM tasks and skills. This course is intended to be collaborative, and you can

work in teams to complete class activities.

The lab environment for this course uses the Windows Server 2008 SP2 environment.

For information about other related courses, visit the IBM Training website:

<http://www.ibm.com/training>

Public

This basic course is designed for project members who design and implement detailed logic, data models, and external system integrations for an executable business process definition. These roles include process owners, BPM analysts, BPM authors, BPM developers, BPM administrators, and BPM project managers.

Prerequisites

You should have:

- Practical knowledge of data structures
- Understanding of SQL syntax
- Working experience with Extensible Markup Language (XML), Extensible Stylesheet Language Transformation (XSLT), Hypertext Markup Language (HTML), **and** JavaScript
- Basic understanding of web services
- Experience with modern programming techniques

Objective

- Describe why process modeling is an important phase in the BPM lifecycle
- Identify how to use Process Designer to create a process application
- List and identify the core elements that are used to create a BPD in Process Designer
- Translate workflow steps into business process activities and nested processes
- Use gateways to control the process flow
- Validate that the process model meets playback 0 goals and requirements
- Identify how intermediate events are used during the execution of a business process
- Describe the architecture of IBM Business Process Manager
- Organize process assets into toolkits
- Manage variables and data flow
- Implement timer events
- Implement gateways and routing to control process flow
- Build a business data model
- Build services and user input forms (coaches)
- Create a snapshot for deployment
- Create a decision service

- Model and implement message events
- Apply asset tags to organize artifacts
- Enhance coaches for a rich user experience
- Implement effective error handling in processes and services

Topics

- Course introduction
- Introduction to business process management
- Introduction to IBM Business Process Manager and Blueworks Live
- Exercise: Creating a process application
- Creating a process model
- Exercise: Creating a business process definition
- Exercise: Modeling teams
- Exercise: Modeling task-type activities
- Exercise: Creating nested processes and decomposing the business process workflow
- Defining process flow
- Exercise: Modeling gateways in a BPD
- Exercise: Modeling timer intermediate events
- Validating the process model with playback 0
- Exercise: Validating the process model
- IBM Business Process Manager architecture and toolkits
- Exercise: Creating a toolkit
- Conducting playback 1
- Exercise: Creating playback 1 assets
- Exercise: Conducting playback 1
- Conducting playback 2
- Exercise: Creating and implementing a coach service
- Exercise: Creating a snapshot
- Conducting playback 3
- Exercise: Creating playback 3 assets
- Conducting playback 4
- Exercise: Enhancing a coach
- Conducting playback 5
- Exercise: Creating error handling for a service
- Course summary