

Process Implementation with IBM Business Process Manager 8.5 Training (5 Day)

In this 5-day instructor-led 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 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.

What students will be able to do

- 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

Audience

This 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 BPM developers, process owners, and BPM authors.

For project members that will be focusing only on the definition and modeling of the business process, the following 2 day course is more suitable. The shorter course is better suited for BPM Analysts.

[WB807 Process Modeling with IBM Business Process Manager 8.5](#)

The 2 day process modeling course is the first 2 days of the 5 day implementation course so both can be run concurrently with a single instructor. Business Analysts would attend the first 2 days to learn the process modeling activities they would be doing and then Developers would stick around for the last 3 days to learn the implementation.

Prerequisites

It is beneficial, but not required, to have the following skills before taking this course:

- 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

Outline of WB808G Process Implementation with IBM Business Process Manager 8.5.0 Training

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