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IBM WebSphere Lombardi Edition 7.1-7.2 Process Modeling and Implementation Information

Length:	5.0 Days
Ref:	WB003G-X
Delivery method:	ClassroomInstructor Led Online
Price:	EUR

Overview

This course is also available as self-paced virtual (e-learning) course *IBM WebSphere Lombardi Edition V7.1 Process Modeling and Implementation* (ZB003G). This option does not require any travel.

This course teaches core process modeling skills, project development methodology, delivery best practice patterns, and implementation practices that improve the speed and quality of process definition and implementation efforts.

In this course, students use IBM WebSphere Lombardi Edition to create a business process definition (BPD) from business requirements that are identified during process analysis. The course begins with an overview of BPM and process modeling. Students learn how to make team collaboration more efficient by enabling all team members to use standard process model elements and notation, which makes expressing and interpreting business requirements consistent throughout the BPM life cycle. The course also teaches students how to build an agile and flexible shared process model that can be understood by key business stakeholders, implemented by developers, and adjusted to accommodate process changes. Students learn how to work within the parameters of the BPM life cycle methodology in ways that maximize the functionality of WebSphere Lombardi Edition and project development best practices, such as meeting the target playback goal.

The course continues with implementation of the process model. Students learn about the architecture of WebSphere Lombardi Edition, which provides contextual information for the rest of the course. Students then learn how variables in Lombardi are scoped and used to exchange information between services and business processes. After learning about variables, students examine process flows to learn about routing and gateways, and then build user interfaces (Coaches) and use the integration capabilities that Lombardi provides. The focus of this course is on reuse, ease of maintenance, and utilizing best practices.

After completing the integration exercises, students implement message events. Finally, students learn about best practices regarding snapshots, toolkits, and organizing process assets.

This course uses an interactive learning environment, with hands-on demonstrations, class activities to reinforce concepts and check understanding, and labs embedded in each of the course units that enable

hands-on experience with BPM tasks and skills. The course is designed to be collaborative, and students can work in teams to perform class activities.

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.

Prerequisites

Students 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 life cycle methodology
- Explain how to create a process application using IBM WebSphere Lombardi Edition
- List and identify the core elements that are used to create a business process definition (BPD) in IBM WebSphere Lombardi Edition
- Translate workflow steps into business process activities and nested processes
- Control the process flow using gateways
- Validate that the process model meets playback zero goals and requirements
- Use an intermediate timer event to ensure that process deadlines are met
- Describe the architecture of Lombardi
- Manage variables and data flow
- Implement gateways and routing to control process flow
- Design user input forms (Lombardi Coaches)
- Access and manipulate external data
- Test a business process model
- Model and implement message events
- Organize process assets using toolkits, snapshots, and tagging

Topics

- Course introduction
- Getting started
- Introducing WebSphere Lombardi Edition
- Creating a process model
- Process flow
- Playback zero - validating the process model
- Intermediate timer events
- WebSphere Lombardi Edition architecture
- Managing data
- Managing process flow
- Building Coaches
- Integration Services
- Message Events
- Snapshots, toolkits, and organizing assets
- Course summary
- Duration: 30 minutes