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Developing Applications with IBM Business Monitor V7.5
Information

Length:	3.0 Days
Ref:	WB797G-X
Delivery method:	ClassroomInstructor Led Online
Price:	EUR

Overview

An updated version of this course is available. For more information, click [Developing Applications with IBM Business Monitor V8 \(WB891G\)](#).

This course is also available as self-paced virtual (e-learning) course [Developing Applications with IBM Business Monitor V7.5 \(ZB797G\)](#). This option does not require any travel.

In this course, students learn how to develop monitoring applications with IBM Business Monitor while also learning business process management (BPM) techniques and skills.

IBM Business Monitor is a business activity monitoring (BAM) product that supports BPM by measuring business performance, monitoring both InFlight and completed processes, and reporting on business transactions. Business organizations can use the information provided by IBM Business Monitor to identify business problems, correct exceptions, and improve processes and efficiency.

This course includes topics of interest to students who want to develop applications using the IBM Business Monitor environment. Students interested in learning how to administer IBM Business Monitor should take [Administering IBM Business Monitor V7.5 \(WB798G\)](#). Business analysts who want to learn how to design business measures using IBM Business Monitor should take course [Business Activity Monitoring with IBM Business Monitor V7.5 \(WB799G\)](#).

In this course, students learn how to develop, implement, and test IBM Business Monitor applications so that they can generate real-time business views of enterprise data. The course begins with an overview of BAM and BPM in a service-oriented architecture (SOA), and the capabilities that IBM Business Monitor provides. In subsequent units, students learn how to build monitor models, establish performance metrics, monitor events, manage action services, debug the model, and build a business space dashboard. Students also learn how to enable events from various sources, including IBM Business Process Manager Advanced and WebSphere Message Broker.

The hands-on exercises provided throughout the course enable students to develop and implement a monitoring solution. The exercises include how to use the various components of IBM Business Monitor,

such as reporting and dimensional analysis using the IBM Cognos Business Intelligence service and the Monitor Development Toolkit, along with other products, such as WebSphere Application Server. Students use the Monitor Development Toolkit to develop a monitor model, and then test the model using the IBM Integration Designer Test client. Students also build customized business space dashboards that can be used to analyze and troubleshoot process performance.

For information about other related courses, visit the IBM Training website:
<http://www.ibm.com/training>

Public

This intermediate course is for:

- Implementation consultants
- Integration developers
- IT specialists
- Project managers
- Technical business analysts
- Support engineers

Prerequisites

Students should have a fundamental understanding of service-oriented architecture **and** related WebSphere products, which can be gained either through experience **or** by successfully completing the following courses:

- *Getting Started with SOA* (WS007G)
- *Using IBM WebSphere V7 Products for Business Process Management* (WB771G)

Objective

- Explain monitoring concepts
- Describe the architecture of IBM Business Monitor V7.5
- Explain SOA and how it is supported by IBM Business Monitor
- Explain how IBM Business Monitor retrieves business data from various sources
- Develop the business measures model
- Test and implement the business measures model using the Integration Test Client
- Configure the Action Services Manager
- Explain the concept of a business space
- Configure various widgets in a business space

Topics

- Course introduction

• Course introduction

- Overview: SOA, BPM, BAM, and IBM Business Monitor
- Exercise: Exploring IBM Business Monitor
- IBM Business Monitor architecture and integration
- Monitoring events
- Exercise: Selecting events and generating a monitor model
- Monitor Development Toolkit and monitoring concepts
- Defining elements using the Monitor Model Editor
- Exercise: Building the monitor model with the Monitor Development Toolkit - Part 1
- Concepts of dimensional and visual models
- Defining dimensional, KPI, and visual models
- Exercise: Building the monitor model with the Monitor Development Toolkit - Part 2
- Deploying a monitor model
- Exercise: Deploying and running the monitor model and the application
- Managing action services and event emissions
- Exercise: Managing action services
- Using the Integrated Test Client
- Exercise: Using the Integrated Test Client
- Managing business processes using IBM Business Monitor business space dashboards
- Exercise: Building dashboards in IBM Business Monitor
- Debugging IBM Business Monitor
- Processing events from other products
- Exercise: Processing events from WebSphere Message Broker
- Course summary