

Oracle BPM 12c: Essentials Ed 1

Duration: 5 Days

What you will learn

This Oracle BPM 12c: Essentials Ed 1 training teaches you how to work with business architecture (BA) projects. Expert Oracle University instructors will teach you how to design forms, rules and data definitions.

Learn To:

Model, implement, play and deploy business processes.

Choose either business-friendly Business Process Composer or BPM Studio, the developer's tool of choice.

Use integrated Oracle BPM monitoring tools and BA reports.

Use Oracle BAM to measure both standard and process-specific business indicators.

Navigate Oracle BAM to measure both standard and process-specific business indicators.

Raise alerts on abnormal business conditions.

Benefits to You

By taking this course and learning how to implement Business Process Management, you can enable a more agile, flexible enterprise that can adapt to new business demands and to changes in underlying IT systems. Oracle Business Process Management Suite is a natural complement to Oracle SOA Suite that can help you apply SOA to higher-value business opportunities.

Audience

Business Analysts

Developer

Related Training

Suggested Prerequisites

Familiarity with BPM modeling concepts

Course Objectives

Create business architecture projects and run reports

Roll up key performance indicators in business architecture reports

Deploy a business process to BPM Run Time

Participate in a running process as an end user

Analyze process workload and performance using Oracle Business Process Workspace

Collaborate with others who are working on the same BPM project

Document business processes

Describe the Business Process Management (BPM) life cycle and how the various components of the Oracle BPM Suite are used

Create process models and other artifacts using Oracle Business Process Composer and Oracle BPM Studio

Create and implement user tasks, business rules, and service tasks

Handle exceptions

Configure process analytics to gather both standard and custom process metrics

Create real-time dashboards using Oracle Business Activity Monitoring (Oracle BAM)

Course Topics

The BPM Life Cycle and the Oracle BPM Suite

About Business Process Management

Explaining the BPM Life Cycle

About the Oracle BPM Suite

Discussing Case Study

Creating Business Architecture Projects

Discussing Business Architecture

Describing Business Process Analysis

Explaining Goals, Objectives, and Strategies

About Enterprise Maps and Value Chain Models

Discussing Metrics and Measures: Key Performance Indicators

About Process Criticality Reports and Impact Analysis Reports

Getting Started with Oracle Business Process Composer

Generating and Displaying Reports

Modeling a Process Using Oracle Business Process Composer

Creating a BPM Project

Modeling a BPM Process

Saving and Publishing a BPM Project

Documenting BPM Projects

Discussing End-user and Internal Documentation

Using the Graphical View

Using the Narrative View

Running Process Reports

Collaborating on BPM Projects

Collaborating Among Business Process Composer Users

Creating and Using Data Objects

How Information Is Handled?
Discussing Basic Versus Complex Data Objects
Explaining Arguments
Describing Data Object Scope, Lifespan, and Access
Creating Business Objects and Data Objects
Configuring Branching for Exclusive Gateways
Validating the Project

Implementing User Tasks

Discussing Human Interaction in a Business Process
Explaining Patterns in Human Workflow
Implementing User Tasks
Creating Web Forms
Discussing Form-First Workflow Versus Data-First Workflow
Mapping Data

Implementing Business Rule Tasks

What are Business Rules?
Describing Anatomy of a Business Rule
About Global Variables
Explaining Value Sets
Discussing Three Types of Rule Sets
Creating Business Rules
Mapping Data Between the Process and the Business rule
Discussing Best Practices: Enabling Business Users to Customize Rules

Implementing Service Tasks

About Service Component Architecture
Explaining Exposed Services, Components, and External References
Implementing Service Tasks
Creating a Service or Reference
Binding a Service Task to the Service or Reference
Mapping Data

Playing the Process

What Is Process Player?
Describing Steps for Using Process Player
Mapping Users and Groups to Process Roles
Explaining Process Player User Interface
Playing the Process

Deploying the Process

Deploying a Project from Business Process Composer
Deploying a Project from BPM Studio

Participating in a Running Process

Launching and Logging In to Oracle Business Process Workspace
Discussing Business Process Workspace Interface

- Describing Tasks
- Discussing Case Management
- Discussing Process Tracking
- Explaining Standard Dashboards, Custom Dashboards, and Process Monitoring
- Customizing Business Process Workspace
- Participating in a Running Process

Using Additional BPMN Flow Objects

- Discussing Non-Interactive Tasks
- Discussing Interactive Tasks
- Explaining Gateways
- Discussing Events

Communicating Between Processes

- What is Synchronous Communication?
- What is Asynchronous Communication?
- Explaining Peer Process Communication
- Describing Types of Subprocesses

Handling Exceptions

- Designing Beyond the "Happy Path"
- Handling Errors: Options and Tradeoffs
- Discussing Business Exceptions Versus System Exceptions
- Creating a Business Exception
- Specifying the Errors to Catch and Throw
- Mapping Error Data
- About Policy-Driven Exception Handling

Monitoring the Process

- Discussing End-to-End Process Analytics
- About Built-in Metrics
- Overview of Process Monitor
- Explaining Standard BPM Dashboards
- About Custom Metrics: Counters, Measures, and Dimensions
- Creating and Using Custom Metrics
- Discussing Business Process Workspace: Three Types of Dashboards

Creating Real-Time Dashboards Using BAM

- Describing Out-of-the-Box BAM Dashboards
- About Oracle BAM Composer
- OEP Integration: Continuous Query Language
- Building a Simple BAM Dashboard

Surfacing KPIs in Business Architecture Reports

- Linking from an Enterprise Map to a BPM Process
- Rolling KPIs Up from a BPM Process Model to a Business Architecture Report
- Generating and Displaying a Process Criticality Report