

Oracle BPM 12c: New Features Ed 1

JAVA

DURATION

1 Days

MODULES

8 Lectures

COURSE CODE

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Course Overview

Oracle BPM 12c: New Features Ed 1

What You Will Learn

- I Oracle BPM 12c: New Features Introduction and Agenda
- Goals I-2
- Audience I-3
- Prerequisites I-4
- Class Introductions I-5
- Course Agenda and Schedule I-6
- Acronyms Used in This Course: Reference I-7
- Where to Go for More Information I-8
- BPM-Specific Resources I-9

Overview

- Oracle BPM Suite 12c: New Features
- Business Process Management: Review
- The BPM Life Cycle: Review
- Oracle BPM Suite Layered Over SOA Suite: Review
- BPM 12c: New Features
- Major Update to Business Process Composer
- Support for Business Architecture Projects
- Process Composer Main Page
- Developer and Production Distributions
- Quick Start Domain Options
- New Process Asset Manager (PAM)
- New Narrative View in Business Process Composer
- New Process Reports
- New Process Debugger in BPM Studio

- New Verbal Rules in Business Rules Task Editor
- Enhanced Process Player in Process Composer
- Enhanced Adaptive Case Management Functionality
- Migration Tool for Oracle BPM 10g R3 Projects to 12c
- BAM Composer 12c: Business Friendly, Rich DVT
- Out-of-the-Box BAM Dashboards to Monitor Processes
- New KPI Data Objects for BPM Projects
- Support for Gathering KPIs for BA Reports
- Additional New or Changed Features for BPM 12c
- Course Scope

Creating Business Architecture Projects

- Objectives
- Agenda
- Business Process Composer: Welcome Page
- What Is a Space?
- Creating a Space
- Adding Participants
- Agenda
- The BPM Life Cycle
- Business Architecture: A Blueprint of the Enterprise
- Business Process Analysis: Process Decomposition
- Goals, Objectives, and Strategies: Strategy Models
- Enterprise Map
- Value Chain Models
- Linking from an Enterprise Map to a BPM Process
- Metrics and Measures: Key Performance Indicators
- Two Types of BA Reports
- Creating a BA Project
- BA Project Home Page
- Creating an Enterprise Map
- Creating a Value Chain Model
- Creating a Strategy Model
- Linking and Navigating
- Creating Organization Units in BA
- Associating BA Assets with Organization Units
- Generating Report Data
- Displaying an Impact Analysis Report
- Summary
- Practice 2-1: Creating a Space and Adding Participants
- Practice 2-2: Importing and Modifying a Business Architecture Project
- Practice 2-2: Overview
- Practice 2-3: Displaying and Analyzing an Impact Analysis Report

Oracle Business Process Composer 12c

- Objectives
- The BPM Life Cycle
- An Oracle BPM Project (Review)
- Creating an Oracle BPM Project in 12c
- Project Home Page for a BPM Project
- Creating a New BPM Process
- Saving or Publishing a Project
- Narrative View: New in 12c
- Narrative View: Editing a Section
- Narrative View: Modifying the Process Model
- Running Process Reports
- Detailed Business Process Report
- RACI Report
- Data Objects Report
- Summary
- Practice 3-1: Adding Documentation by Using the Graphical View
- Practice 3-2: Using the Narrative View
- Practice 3-3: Running Process Reports

Collaborating on BPM 12c Projects

- Objectives
- Agenda
- Setting Privileges for a Space (Review)
- Setting Privileges for a BPM Project
- Collaboration and Locking Among Business Process Composer
- Team Members
- Real-Time Display: Others Viewing or Editing the Project
- Viewing Latest Changes
- Snapshots
- Agenda
- Sharing Projects by Using PAM
- Starting Oracle BPM Studio (JDeveloper)
- Oracle BPM Studio Start Page
- Creating a BPM Application Workspace
- Creating a BPM Project
- Opening the Process Asset Manager Navigator
- Creating a User-Specific PAM Connection
- Checking Out a BPM Project
- Collaboration Between BPM Studio and Business Process Composer Users
- BPM Studio: Editing a BPM Project
- BPM Studio: History
- BPM Studio: Snapshots
- BPM Studio: Publishing a Project

- Validating the Project
- Agenda
- Business Process Composer: Importing a BPM Project into a Space
- Business Process Composer: Importing a Process Model into a BPM Project
- Business Process Composer: Exporting a BPM Project
- BPM Studio: Importing and Exporting BPM Projects
- BPM Studio: Importing a Process Model
- Summary
- Practice 4-1: Collaborating with Other Business Process Composer Users
- Practice 4-2: Collaborating with BPM Studio Users
- Practice 4-2: Debriefing
- Practice 4-2: Debriefing (Loan Process Model)

Verbal Rules

- Objectives
- What Are Business Rules? (Review)
- Business Rules: Design Time and Run Time (Review)
- Role of the Business Rules Engine (Review)
- Rule Sets
- Introduction to Verbal Rules and Business Phrases
- Verbal Rules and Business Phrases
- How Are Verbal Rules Different from General Rules?
- Verbal Rules Editor
- Business Phrases Tab
- Working with Business Phrases
- Choosing Which Business Phrases to See in the List
- Editing Business Rules at Run Time: Oracle SOA Composer
- Summary

Playing the Process

- Objectives
- The BPM Life Cycle
- What Is Process Player?
- Enabling Process Player
- Steps for Using Process Player
- Initiating Process Player: Two Ways
- Mapping Users and Groups to Process Roles
- Process Player User Interface
- Playing the Process: Initiating a Process Instance
- Playing the Process: Playing an Initiator User Task
- Playing the Process: Completing and Submitting a Form
- Playing the Process: Determining Which Path Is Taken
- Playing the Process: Approving and Rejecting
- Playing the Process: Other Flow Objects
- Creating Multiple Instances

- Playing a BPM Project with Multiple Processes
- Summary
- Practice 6-1: Playing the Process

Monitoring the Process

- Objectives
- The BPM Life Cycle
- Agenda
- Built-in Measures and Dimensions (Review)
- Using Built-in Metrics Only: Steps
- Sampling Points
 - 1. Configure Sampling Points (Business Process Composer)
 - 1. Configure Sampling Points (BPM Studio)
 - 2. Configure the Data Targets (BPM Studio)
 - 3. Deploy the Project
 - 4a. Display the Process Monitor Dashboard
- Process Monitor Dashboard: Main View
- Process Monitor Dashboard: Activity Details
- Process Monitor Dashboard: Performance Graphs
- Agenda
- User-Defined Process-Specific Metrics
- Types of Business Indicators
- Counters
- Measures
- Dimensions
- Sample Dimensions
- Adding User-Defined Capture Points
- What Is Captured?
- Interval Start and Interval Stop: Sample Use
- Creating and Using Custom Metrics: Steps
 - 1a. Define Measures, Dimensions, and Counters
 - 2a. Configure Sampling Points
 - 2b. Add Counter Marks
 - 2c. Add Measurement Marks
- 3. Assign Values to Business Indicators
- 4. Configure the Data Targets (BPM Studio)
- 5. Deploy the Project
- 6. Configure Custom Dashboards (Oracle Business Process Workspace)
- 6. Configure Custom Dashboards (Oracle BAM Composer)
- Business Process Workspace: Three Types of Dashboards (Summary)
- Summary
- Practice 7-1: Deploy the Loan Application Project and Process Loan Requests
- Practice 7-2: Using Process Monitor
- Practice 7-3: Configuring Custom Metrics

- Objectives
- The BPM Life Cycle
- Agenda
- Out-of-the-Box BAM Dashboards to Monitor Process Health (Review)
- Process Summary
- Analysis of Open Processes
- Analysis of Closed Processes
- Bottleneck Analysis of Open Processes
- Process Summary at a Glance
- Process Dashboard for Process
- Trend Analysis for Process
- Task Trend Analysis for Process
- Process Activity Analysis
- BPM Process View
- BAM Composer 12c: Business Friendly, Rich DVT
- Agenda
- BAM Security Roles
- Components in a BAM Project
- Steps to Create a BAM Dashboard
- Logging In to BAM Composer as a User with the BAM Content Creator Role
- (Designer View)
- 2. Creating a BAM Project
- 3. Adding Process Data Objects to the Project
- 4. Creating a Blank Dashboard (1)
- 4. Creating a Blank Dashboard (2)
- 5a. Configuring Dashboard Views: Selecting the Type of Chart to Use (1)
- 5a. Configuring Dashboard Views: Selecting the Type of Chart to Use (2)
- 5b. Configuring Dashboard Views: Defining a Business Query
- 5c. Configuring Dashboard Views: Creating Filters
- Summary
- Practice 8-1: Creating Dashboards Using BAM (Optional Practice – if time permits)
- Course Summary
- Where to Go for More Information
- Additional Oracle University Training
- A Surfacing KPIs in Business Architecture Reports
- Objectives A-2
- The BPM Life Cycle A-3
- The BA Project So Far A-4
- Focus: Linking to LoanProcess A-5
- Focus: Displaying Rolled-Up KPIs in a Process Criticality Report A-6
- Agenda A-7
- Linking from an Enterprise Map to a BPM Process (Review) A-8
- Process Criticality Report: KPI Rollups (Review) A-9

- Three Ways to Gather Key Performance Indicators (KPIs) for BA Reports A-10
- Agenda A-11
- Steps in Rolling KPIs Up from a BPM Process Model to Display in a Process
- Criticality Report A-12
- Steps to Create KPIs in BPM Projects A-13
- Creating a KPI in a BPM Project A-14
- Sample KPIs in a BPM Project A-15
- Creating a Rollup KPI in a Value Chain Step A-16
- Sample KPI Rollups in a BA Project (Generic Loan Approval Value Chain Step) A-17
- Sample KPI Rollups in a BA Project (Loan Application Value Chain Model) A-18
- Generating and Displaying a Process Criticality Report A-19
- Summary A-20
- Practice A-1: Overview A-21
- Practice A-1: Surfacing KPIs in BA Reports A-22