# **R12.2.9 Implement Oracle Workflow**

## **Table of Contents**

#### 1: Introduction to Oracle Workflow

- Traditional Workflow
- Event-Based Workflow
- Designing Applications

### 2 : Oracle Workflow Components

- Oracle Workflow Architecture
- Business Event System Architecture
- Oracle Workflow Home Pages
- Workflow Definitions Loader

### 3: Planning a Workflow Process

- Planning a Workflow Process
- Practice: Planning a Workflow Process

#### 4: Diagramming a Workflow Process

- Creating a New Workflow Process
- Editing a Transition, Display modes, Validation
- Practice: Creating a Workflow Process

### 5 : Defining Item Type Attributes and Lookup Types

- Defining Item Type Attributes and Lookup Types
- Practice: Defining item attributes

#### 6: Defining Messages and Notification Activities

- Defining a Message
- E-mail Notifications
- Defining a Notification Activity
- Practice: Defining messages
- Practice: Defining notification activities

## 7: Testing and Monitoring Workflow Processes

- Testing and Monitoring Workflow Processes
- Practice: Running a Workflow Process

## 8: Viewing and Responding to Notifications

- Viewing Notifications from a Web Browser
- Viewing Notifications Through E-mail
- Practice: Responding to Notifications

- Practice: Modifying a Workflow Process
- Practice: Modifying a Workflow Process contd

#### 9: Worklist Flexfields

- Worklist Flexfields
- Practice: Defining a Specialized Worklist

# 10: Oracle Workflow Directory Service

• Oracle Workflow Directory Service

#### 11: Defining Function Activities

- Function Activities
- Exception Handling
- Error Handling
- Practice: Defining a Function Activity
- Practice: Branching on a Function Activity Result
- Practice: Using the standard Assign activity

#### 12: Post-Notification Functions

- Post-Notification Functions
- Practice: Defining a post notification function activity

## 13: Workflow Engine

- Overview of the Workflow Engine
- Background Engines, Time Out Activities
- Deferred Processing
- Oracle Workflow API's
- Practice: Implementing timeout processing
- Practice: Implementing Deferred Processing

### 14: Business Events

- Event Properties, Defining an Event
- Event Groups
- Raising Events, Predefined Events
- Practice: Define an Event
- Practice: Raise an event

## 15: Event Subscriptions

- Event Subscriptions, Subscription Actions
- Defining and Maintaining a Subscription
- Practice: Create an event subscription

#### 16: Systems and Agents

- Systems and Agents
- 17: Defining Event Activities
  - Defining Event Activities
  - Practice: Define Event Activities
- 18: Business Event System APIs
  - Business Event System APIs
- 19: Error Handling
  - Error Handling
- 20: PL/SQL Documents
  - PL/SQL Documents
  - Practice: PL/SQL documents
- 21: Forced Synchronous Processing
  - Forced Synchronous Processing
- 22 : Selector/Callback Functions
  - Selector/Callback Functions
  - Practice: Create and Use a Selector function
- 23: Master/Detail Coordination Activities
  - Master/Detail Coordination Activities
- 24: Customizing Workflow Processes
  - Customizing Workflow Processes
- 25: Workflow Loaders
  - Workflow Loaders
- 26: Specialized Workflow Monitoring
  - Specialized Workflow Monitoring
- 27: Setting Up Oracle Workflow
  - Setting Up Oracle Workflow
- 28: Managing Service Components
  - Managing Service Components