

Oracle WebCenter Portal 11g for Developers

Duration: 4 Days

What you will learn

This Oracle WebCenter Portal 11g for Developers training will walk you through the steps you need to take to build an effective enterprise Portal application. Using Oracle WebCenter Portal (11.1.1.8), expert Oracle University instructors will help you develop the knowledge and skills to use Portal Builder and JDeveloper to build customizable applications.

Learn To:

Build portals using Oracle WebCenter Portal Builder.

Create, edit, configure and manage portal pages.

Add and configure task flows to integrate content from Content Server.

Render a portal on mobile devices.

Secure portal resources.

Use JDeveloper to create custom portal assets.

Understand WebCenter Portal Life Cycle.

Use a pre-built application at the beginning.

Create this application and enhance it.

Benefits to You

When you walk away from this course, you'll know how to use Portal Builder to create, edit and perform administration of areas of WebCenter Portal. You'll build the skills to use Portal Builder to create a portal, add and edit the pages of a portal in the page editor (Composer) and administer a single portal as the portal owner. If you're a system administrator, this course will show you how to access the Portal Builder administration area so you can effectively administer all portals.

Audience

Application Developers

Developer

Portal Developer

Sales Consultants

Technical Consultant

Related Training

Required Prerequisites

Oracle Fusion Middleware 11g: Build Applications with ADF I

Suggested Prerequisites

Java SE 7 Programming

Course Objectives

Use WebCenter Portal-Portal builder to create a portal

Add essential functionality such as navigation and portal services to your portal

Configure your portal for mobile devices

Perform content management functions

Create custom assets by using Oracle JDeveloper 11g

Course Topics

Introduction

Identifying the course objectives

Familiarising with the course schedule and material

Getting introduced to related training

Introduction to Oracle WebCenter Portal

Overview of Enterprise Portal

Overview of Oracle WebCenter Portal

Describing a typical WebCenter Portal topology and its main components

Getting Started with Portal Builder

Introducing Portal Builder

Navigating through WebCenter Portal Home Portal

Creating a Portal using Portal Builder

Adding Navigation Elements

Overview of Portal Assets

Overview of Portal Pages

Creating Pages

About Portal Navigation

Adding Navigation Elements to a portal

Populating Pages

Overview of Portal Editor

Editing a portal

About Navigation Elements: Pages

Overview of Resource Catalog

Integrating Content

Overview of Document Services

Rendering Content

Using Content Presenter to display content

Using Responsive templates

Creating wikis and blogs

Presenting Data

Creating data controls to retrieve data from data base

Creating task flows from data controls for presenting data

Presenting data as a table, form or graph in your portal by using task flows with data controls

Retrieving data from a Web Service

Securing Portal Resources

Configuring application security

Configuring portal security

Delivering Content Dynamically

Writing expressions using the Expression Builder

Customizing content in the navigation model

Customizing content on portal pages

Managing Mobile Devices and Device Groups

Viewing portal on mobile device

Creating devices and device groups

Managing device groups

Designing pages for multiple channels (tablet, mobile)

Detecting Devices

Searching the Portal

Overview of Oracle Secure Enterprise Search (SES)

Adding Secure Enterprise Search (SES) to a portal

Configuring Search

Using Search

Enhancing Assets by using JDeveloper

Overview of Assets

Getting Started with JDeveloper for enhancing assets

Methods of accessing and enhancing portal assets from JDeveloper

Importing and exporting assets

Creating Page Templates

Overview of Page template

Working with page templates

Creating a page template in JDeveloper

Creating Page Styles

Creating page styles in Portal Builder

Enhancing page styles in Portal Builder

Developing Skins

Overview of Skin

Creating a Skin

Working with skins

Applying a Skin to your Application

Creating Content Presenter Display Templates

- Overview of Content Presenter
- Using the Content Presenter task flow
- Reviewing Responsive Templates
- Creating Custom Content Presenter Templates
- Modifying Existing Out-of-the-box Templates
- Creating New Content Presenter Templates in JDeveloper

Using Portlets

- Overview of Portlet
- About Anatomy of a portlet
- Describing Portlet modes
- Customization and personalization
- Consuming portlets in webcenter portal
- Discussing Portlet technologies
- Registering a Portlet Producer

Creating Custom Task flows

- Overview of ADF- Business Component (ADF-BC)
- Creating a Task Flow from ADF
- Registering the task flow with WebCenter Portal
- Adding the task flow to a resource catalog and use it in portal page

Packaging and Deploying Portals

- Describing WebLogic domain components
- Describing WebCenter Portal environment
- Exporting and Importing a Portal
- Creating a Portal Template
- Exporting and Importing a Portal Template
- Overview of the log files