

Oracle WebCenter Sites 11g for Developers

Duration: 5 Days

What you will learn

This Oracle WebCenter Sites 11g for Developers training exposes developers to the critical pieces of a new implementation using Oracle WebCenter Sites 11g (11.1.1.8). Expert Oracle University instructors will take you through a journey of starting a new project, beginning with a Design Document and wireframes.

Learn To:

Configure the user interface for business end users (content contributors).

Build out content models.

Perform simple customizations.

Set up a dynamic publish destination.

Implement an efficient page caching strategy.

Design and develop templates for in-context editing.

Render content to the website.

Benefits to You

Over the course of 5 days, you'll be taken through a series of practices that guides you through the administration of a content management site, including creation of users, roles and permissioning. By enrolling in this course, you will develop new skills to build out asset models, configure the user interface for content contribution and content management and configure dynamic publishing.

Audience

Application Developers

Architect

Developer

Implementation Consultant

J2EE Developer

Java Developers

Java EE Developers

Technical Consultant

Course Objectives

Create and manage a content management site in Oracle WebCenter Sites 11g

Configure aspects of the user interface based on user roles and permissions

Develop templates and element code using WebCenter Sites custom JSP tag libraries

Implement in-context content editing, presentation editing, and content creation

Produce a fully functional website

Course Topics

Introduction to Oracle WebCenter Sites 11g

Discussing Oracle WebCenter Sites 11g: Product Architecture
Discussing Oracle WebCenter Sites 11g: Systems Architecture
Discussing Oracle WebCenter Sites 11g: Core Architecture
What is "Web Experience Management"?
About WebCenter Sites Terminology

Oracle WebCenter Sites 11g: User Interfaces

Administration and Authorization: The WEM Admin Interface
Administration and Design: The Admin Interface
About Content Management: The Contributor Interface
Discussing Support for Mobile Delivery

Creating and Configuring a New CM Site

Discussing User Authentication and Authorization
About WebCenter Sites Roles
Creating a CM site in WebCenter Sites 11g
Creating Users in the WEM Admin Interface
Creating and Assigning Roles in the WEM Admin Interface

Building the Content Model

About Assets and Asset Types
About Asset Definitions
About Parent Asset
Discussing Parent Definitions
About The Page Asset Type
Describing Asset Relationships
About Core Asset Types

Administrating and Enhancing the Usability of Your CM Site

About Tree Tabs
About Start Menu Items
About Attribute Editors
Describing URL Management

Configuring Dynamic Publishing

Publishing Methods
RealTime Publishing: Architecture
Explaining Approval Process
Discussing Types of Asset Dependencies
Creating a New Destination for Dynamic Publishing
Configuring a CM Site for the Destination Server
Approving and Publishing Content Assets
About Site Capture: Capture Modes

Designing the Asset Data Model

- About The Basic Asset Model
- About The Flex Asset Model
- About Attribute Inheritance
- About Flex Filters
- About Proxy Assets

Working with WebCenter Sites Developer Tools

- Working with SitesExplorer
- Working with CatalogMover
- About Property Editor
- About Developer's Tag Reference
- Discussing WebCenter Sites Developer Tools (Integration with Eclipse)

Programming with WebCenter Sites

- Rendering Models and Patterns
- About Template Design
- About Site Design Asset Types
- Describing WebCenter Sites Variables and Lists
- Explaining WebCenter Sites Asset API

Building Templates

- Invoking Other Templates and Elements
- Retrieving and Rendering Asset Data
- Manipulating WebCenter Sites Lists
- Building Links to Assets
- Rendering Images
- Fetching Associated Assets
- Building a Navigation Bar
- Rendering a Recommendation List

Coding Templates for Web Mode

- Discussing Requirements for In-Context Editing
- Coding for In-Context Content Editing
- Coding for In-Context Presentation Editing
- Coding for In-Context Content Creation

Caching

- Overview of Resultset Caching
- Discussing Architectural Overview of Page Caching
- About Cache Criteria
- Explaining Compositional Dependencies
- Working with Embedded Pagelets

Developing Templates for Delivery to Mobile Platforms

- Discussing Prerequisites for Developers
- Explaining Key Concepts for Mobile Delivery
- Configuring Mobility Features