

Oracle WebCenter Sites 11g: Architecture Ed 2

Duration: 2 Days

What you will learn

This Oracle WebCenter Sites 11g training will teach you how to make educated design decisions when architecting a solution on Oracle WebCenter Sites 11g (11.1.1.8.0). Deep dive into content modeling for effective content contribution, asset data modeling, usability of the application, methods for content migration and integration, managing multilingual site content, search engine optimization, dynamic page delivery, caching strategies and delivery to mobile platforms.

Learn To:

- Design an efficient and effective asset data model.
- Make decisions about content integration and migration practices.
- Design an efficient and effective rendering model.
- Choose or design an efficient caching strategy.
- Design your own implementation based on a set of functional requirements.

Benefits to You

At the end of each lesson, you'll be given time to apply what you've learned to your solution design and make modifications as needed. At the end of class, you'll be asked to present your design. An interactive discussion will follow to learn new ideas from fellow classmates.

Audience

Application Developers
Architect
Developer
Technical Consultant
Web Administrator

Related Training

Suggested Prerequisites

Oracle WebCenter Sites 11g for Developers

Oracle WebCenter Sites 11g for System Administrators (11.1.1.8.0)

Course Objectives

Make informed decisions regarding asset data modeling

Determine the best approach for multilingual site management and delivery

Make informed decisions regarding content integration/migration

Take a set of functional requirements and translate them into an implementation design

Design a solution for delivery to mobile platforms

Enhance your site visitor's web experience using Community-Gadgets and Engage

Course Topics

Getting Started With Oracle WebCenter Sites 11g

- Overview of Oracle WebCenter Sites 11g
- About Sites Core Architecture
- About Systems Architecture
- Discussing A Typical Deployment Scenario
- Planning for Your Solution
- Discussing Integration Scenarios

Modeling a Multilingual Solution

- Translating Versus Localizing Sites
- Using Dimension Sets
- Using a Blended Solution
- About Locale Filtering

Choosing a Contribution Method

- Using the Contributor Interface
- Designing a Site to Use In-Context Editing Features
- When to Customize the Contributor Interface?

Authenticating and Authorizing Users

- Using WebCenter Sites' Native User Management
- Using Other Authentication Methods
- Authorization Using ACLs and Roles

Migrating and Integrating Content

- About Practical Options for Migrating and Integration Content
- Integrating With WebCenter Content Using the WebCenter Content Integration Tool
- Working with Proxy Assets

Replicating Sites

- Discussing Approaches to Site Replication
- Sharing Versus Copying
- Using a Blended Model

Asset Data Modeling

- Getting to Know Your Content
- Identifying Asset Types
- Discussing Rules for Asset Modeling
- Discussing Basic and Flex Asset Models
- Designing a Flex Asset Family

- About Attribute Inheritance
- Discussing Asset Relationships and Translations
- Understanding Asset Dependencies

Designing for Mobile Delivery

- Discussing Requirements for Mobile Delivery
- About Device Detection
- About Device Repository
- Discussing Device Groups and Suffixes
- About Site Plans
- About Device Assets
- Configuring Mobility Features

Choosing a Rendering Model or Pattern

- Overview of Rendering Models
- About Modular Page Design
- Working with MVC Patterns

Delivery Methods

- Explaining Dynamic Publishing
- Describing Static Publishing
- Rendering Models and Publishing
- Archiving Your Website Using Site Capture

Caching

- Rendering Engine Caching
- Overview of inCache
- Working with Dependencies
- Tuning inCache
- Discussing Resultset Caching
- Discussing Asset Caching

Optimizing Your Website's Search Capabilities

- About Lucene Search Indexes
- Capturing SEO Information
- Optimizing URLs with Vanity URL Management

Managing the Web Experience

- Designing for User-Generated Content
- Discussing Community-Gadgets Capabilities
- Modeling User-Generated Content
- Managing User-Generated Content
- Moderating User-Generated Content
- Using Engage to Visitor Data and Deliver Targeted Content