

Oracle Stellent: Customization and Development for Oracle UCM

Covers Oracle UCM v. 10gR3, 10gR4 and 11gR1. Older Stellent Content Server v. 7.x is also supported.

Overview

Duration: 5 *days*

This instructor-led training designed to provide required knowledge and skills used to professionally customize Oracle UCM and integrate into your overall Enterprise Architecture.

Objectives

This course provides required knowledge and practical experience on:

- Develop understanding and comfort level with the entire spectrum of options available for Oracle UCM customization, extension and integration
- Learn how to use SOAP Web Services to interact, access content and integrate your Oracle UCM into your overall Enterprise Architecture
- Integrating Oracle UCM capabilities into your applications with Content Integration Suite and Remote Intradoc Client
- How to customize Oracle Content Server interface and functionality with custom components, dynamic pages, layouts and skins

Prerequisites

- Knowledge of material covered in Content Server Administration Course (v. 10gR3 or 11gR1 – Course outline available at stellentexperts.com/se/education.htm)
- Background in Web Development - Java or Dot Net
- Good understanding of HTML, Javascript and CSS
- Basic knowledge of IdocScript will be helpful

Course Topics

- **Oracle Content Server – advanced administration**
 - **Advanced Content Server Security**
 - The Content Server Authentication Process
 - Using LDAP providers
 - Understanding Content Server Authorization mechanisms
 - Role-based and Account-based security – implementation details
 - Understanding runtime performance considerations
 - How to explain Content Server security to business users to avoid confusion.
 - Designing scalable security model (practice)

**The Best Value
In Oracle UCM**

GUARANTEED

- Customizing default Content Server authorization settings
 - **Advanced Metadata**
 - Understanding UCM default and custom metadata
 - Understanding UCM database design
 - Designing scalable metadata models
 - Removing UCM adoption roadblocks with streamlined contribution experience
 - Understanding options for content contribution and consumption
 - Customizing check in, search and content info interfaces with content profiles and rules
 - **Advanced workflow design**
 - Advanced understanding of criteria workflows
 - Using scripting to create sub-workflows and jumps
 - Customizing email templates
 - Using workflow debugger
 - **Advanced Content Server Replication**
 - Understanding options for real-time content replication
 - Archiver hacks and tips
- **Integrating Oracle UCM into larger architectures**
 - **Using SOAP Web Services**
 - Learning the benefits, limitations and ideal applications for using SOAP with Oracle UCM
 - Understanding WSDL Generator
 - Consuming Content Server Web Services
 - Generating custom WSDLs
 - Practice – developing a DotNet SOAP Client
 - **Using Site Studio for External Applications**
 - Consuming and updating Site Studio content externally
 - **Integrating UCM into external applications with CIS and RIDC**
 - Learning the benefits, limitations and ideal applications for using Content Integration Suite and Remote Intradoc Client
 - Using the CIS
 - Using RIDC
 - Practice
- **Customizing the Content Server**
 - **Understanding options for customizing the Content Server and typical customizations**
 - Applying custom logic after check-in
 - Sending custom emails from Content Server
 - Creating custom user experiences
 - **Customizing functionality with components**
 - Understanding HDA files
 - Understanding Content Server HTML templates
 - Using Component Wizard for creating custom components
 - Understanding internal organization of a custom component
 - Customizing Content Server UI with layout components

**The Best Value
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GUARANTEED

- Customizing functionality Java
- Setting up Java Development Environment
- Understanding Filters
- Creating a Content Server Java Filter
- Understanding Service Classes
- Understanding Service Handler
- Creating a Content Server Service Handler
- Understanding iDoc extensions
- Understanding the Class Aliasing Technique
- Altering Content Server Security with Java Components
- **Customizing Content Server Interface**
 - Using Dynamic Server Pages
 - Using JSPs with Content Server
 - Using HCSPs
 - Supervised exercises
 - Using HCSP syntax in Dynamic Converter
 - Using iDoc files
 - Working with HCST and HCSF
 - Using Web Form Editor
 - Modifying Content Server User Interface with Layouts and Skins

Each of these sections contains some instructor-taught material followed by supervised exercises.