

Implementing Your ATG Commerce Solution Rel 10.1

Duration: 5 Days

What you will learn

This course teaches you how to implement your web commerce applications with Oracle ATG Web Commerce. Learn the fundamental knowledge and skills needed to create, configure and extend ATG Web Commerce B2C and B2B sites.

This course is appropriate for on-premises deployments only.

Learn To:

- Extend ATG Personalization for Commerce.
- Extend and display the catalog.
- Implement and manage Multisite.
- Extend the pricing engine and order object.
- Extend and deliver promotions.
- Create custom promotion templates.
- Split payment and ship across orders.
- Interface with a fulfillment system.
- Integrate an inventory system.
- Extend and create java classes used to manage and process orders
- Add a custom promotion type to a commerce solution
- Serve multiple store sites from a single ATG cluster

Commerce Reference Store (CRS)

You will learn about the Commerce Reference Store modules. After a deep dive into the customizations built for the reference application, you will use CRS as a starting point to build reward capabilities into the ATG store as well as create a brand new reward site.

Customize Commerce Features

This course teaches you how to customizing Oracle ATG Web Commerce for your application. Learn how to extend personalization, create a new site, customize the product catalog and order processing, extend pricing and promotions and create new shipping and payment methods.

Integrate with External Systems

Oracle ATG Web Commerce provides a framework to build your online application. There are often external systems which need to be integrated with ATG such as order management and fulfillment, catalog content and pricing, and tax processing. Learn about when you may need to integrate with an external system and how to do so.

Audience

Developer

Technical Consultant

Related Training

Required Prerequisites

Java, JSP, J2EE experience

Web application development suggested

Working knowledge: HTML, XML, object-oriented programming

Foundations of ATG Application Development Rel 10.1.2

Extending the ATG Platform Rel 10.1.2

Course Objectives

Add properties to user profiles and extend catalog objects

Serve multiple store sites from a single ATG cluster

Extend and create java classes used to manage and process orders

Extend components and create custom components required for by the site

Implement a custom pricing calculator

Add a custom promotion type to a commerce solution

Configure and extend shipping and payment methods

Course Topics

Introduction

Introductions

Overview of Course

Overview of Oracle ATG Web Commerce features and capabilities

Commerce Reference Store

Commerce-related modules

Using CIM to configure Commerce Reference Store (CRS)

Using CRS for new implementations

Personalization for Commerce

Introduction to B2C and B2B Profile Extensions

Understanding User Segments and Organizations

Extending the Profile Repository

Extending Scenarios

Introduction to the Scenario Architecture

Understanding Scenarios for Commerce

Displaying and Extending the Catalog

- Displaying the catalog in JSPs
- 'Drill-down' pages for categories and products
- Managing the breadcrumb trail
- Extending the catalog

Multisite

- Setting the site context
- The site repository
- Site templates
- Using multisite in an ATG application
- Multisite and Commerce

Extending Orders

- Order-related classes
- Pipelines
- Modifying an order programmatically
- Order repository and order persistence

Pricing Architecture

- The pricing engine
- Dynamic discounts

Displaying and Extending Pricing

- Price lists
- Item pricing
- Order pricing
- Extending the pricing engine and calculators

Extending Promotions

- Promotion Model Definition Language
- Custom promotion types

Promotion Templates

- Promotion templates in the BCC
- Creating custom promotion templates
- Defining the template UI
- Validating and translating user input
- Linking user input to promotion properties
- Modifying and deleting templates

Shipping

- Configuring and extending shipping methods
- Shipping groups and related classes
- Initializing an order's shipping groups
- Modifying an order's shipping
- Adding a custom shipping group type

Payment Groups

- Payment groups and the Payment Group Manager

- Claimable payment groups
- Initializing an order's payment groups
- Modifying an order's payment groups
- The payment process
- Adding a custom payment group

Other Purchase Process Form Handlers

- Canceling and committing orders
- Express checkout
- Saving incomplete order

Inventory and Fulfillment

- Introduction to the Inventory System
- Extending the Inventory Repository and Manager
- Introduction to the Fulfillment Architecture
- Integration with External Fulfillment Systems