

R12 Extend Oracle Applications: Building OA Framework Applications

Duración: 5 Días

Lo que aprenderá:

This class is a hands-on lab-intensive course that will keep the student busy and active for the duration of the course.

While the course covers the fundamentals that support OA Framework-based applications, the course is really an exercise in J2EE programming. Over the duration of the course, the student will create an OA Framework-based application that selects, inserts, updates, and deletes data from a R12 Oracle Applications instance.

- Describe the concepts and details of the MVC design pattern.
- Create a query, drill-down, create, delete, and update to an E-Business Suite instance.
- Use E-Business Suite security in conjunction with OA Framework applications
- Describe OA Framework development standards

Audiencia:

Application Developers, Developer, J2EE Developer, Java Developer, Sales Consultants, Technical Consultant

Prerequisites

R12 Oracle Applications System Administrator Fundamentals (Recomendado)

Java programming (Sugerido)

J2EE programming (Sugerido)

E-Business Suite development and debugging (Sugerido)

E-Business Suite system administration (Sugerido)

Objetivos del curso:

- Complete a basic query page (SELECT)
- Complete a basic drill-down page (SELECT)
- Complete a basic create page (INSERT)
- Complete a basic delete page (DELETE)
- Complete a single-page update page (UPDATE)
- Complete a multi-page update (UPDATE)

- Understand the foundational concepts and standards of OA Framework-based applications and pages

Contenido del curso:

Introduction to OA Framework

Important Terminology
Foundation Knowledge
Additional Resources

Concepts of the MVC Design Pattern

JSPs and OA Framework
Concepts of the Model
Concepts of the View
Concepts of the Controller

Basics of the Model

BC4J Model
Applications Modules
Entity Objects
View Objects
Other BC4J Objects
BC4J Database Interactions

Basics of the View

View-layer Components
Workspaces and Projects
Pages and Regions
Items
CSS Styles
Attributes Sets

Basics of the Controller

Handling GETs
Handling POSTs
Common Controller tasks
Lab

Setting Up Your Development Environment

Lab

Introduction to JDeveloper 10g with OA Extension

Lab

Implementing a Query and Drill-down

Lab

Implementing a Create

Lab

Implementing a Delete

Lab

Implementing an Update

Lab

Nota: "Lab": Ejercicios guiados sobre la aplicación.