

Oracle ADF Development with JDeveloper

Length: 3 Days

Course Description: The Oracle Application Development Framework (Oracle ADF) is an end-to-end application framework that builds on Java Platform, Enterprise Edition (Java EE) standards and open-source technologies. You can use Oracle ADF to implement enterprise solutions that search, display, create, modify, and validate data using web, wireless, desktop, or web services interfaces. Because of its declarative nature, Oracle ADF simplifies and accelerates development by allowing users to focus on the logic of application creation rather than coding details. Used in tandem, Oracle JDeveloper and Oracle ADF give you an environment that covers the full development lifecycle from design to deployment, with drag and drop data binding, visual UI design, and team development features built in.

COURSE CONTENT

Introduction to Building with Oracle ADF

ADF Business Components

Business Domain Layer Using Entity Objects

SQL Queries Using View Objects

View Instance Queries

Validation and Business Rules Declaratively

Validation and Business Rules Programmatically

Business Services with Application Modules

Application Module View Instances

Service-Enabled Application Modules

Business Components Functionality

ADF Model in a Fusion Web Application

Web Services Using the ADF Model Layer

URL Services Using the ADF Model Layer

Validation in the ADF Model Layer

Using Placeholder Data Controls

Introduction to ADF Task Flows

Task Flow Activities

Parameters in Task Flows

Task Flows as Regions

Databound Web User Interface

ADF Databound Tables

Master-Detail Data with ADF

Databound Selection Lists and Shuttles

ADF Databound Search Forms