ORACLE ADF:

Oracle Application Development Framework (Oracle ADF) is an end-to-end application framework that builds on Java EE standards and open-source technologies to simplify and accelerate implementing enterprise applications. Oracle ADF is an extensible end to finish Rapid Development Framework. Oracle ADF is suitable for enterprise developers who want to make applications that search, display, create, modify, and validate data using web, mobile, and desktop interfaces. Oracle ADF provides ready-to-use data control implementations for common business service technologies.

Training Objectives of ORACLE ADF:

Oracle ADF is suitable for enterprise developers, who want to make applications that search, display, create, modify, and validate data using web, mobile, and desktop interfaces. ORACLE ADF Online Training is that the one among the simplest online course thorough worldwide. Our training methodology is extremely unique when compare to the all online training institutes. Our ORACLE ADF Trainers are highly dedicated and most effective trainers. We offer classes through online by using world class interactive system. We also give interview support & Technical support.

Course Content:

Introduction to Fusion and ADF:

- Oracle ADF and JDeveloper

- Oracle Fusion Middleware

- Oracle Fusion Architecture

- ADF and MVC

- More about ADF

Exploring JDeveloper:

- JDeveloper 11g New Features

- Building ADF Application in JDeveloper

- Configuring JDeveloper Preferences

- Database Schema Design

- JDeveloper 11g New Features

Database Designing Tools in JDeveloper:

- Creating Offline Objects

- Synchronize Online-Offline Database

Data Modelling with ADF Business Components:

- Advantages of ADF BC

- ADF BC Categories

- Creating ADF Business Components

- Business Component Browser

Entity Objects and Associations:

- Data Persistence using Entity Objects

- Creating Entity Objects

- Modify Entity Object Default Behaviour

- Associations

- Groovy expressions

- Validation Life Cycle

- Built-in Declarative Validation Rules

- Validation Execution

- Failure Handling

- Creating Validation Rule Class

View Objects and View Links:

- Populating Data in View Objects

- Creating View Objects

- Modify View Object Default Behaviour

- View Links

- Creating View Criteria

- Creating List of Values (LOV)

- Dependent LOVs

Application Modules:

- Designing Application Module

- Creating Application Module

- Application Module Editor

- Testing Service Methods

Programmatically Modifying Default Behaviour:

- Supporting Java Classes

- Modify Entity Object Behaviour

- Modify View Object Behaviour

- Service Methods and Application Module

Introduction to User Interface Technologies:

- User Interface – Available Technologies

- Java Server Faces

- ADF Faces

Understanding ADF Data bindings:

- ADF Data Model and Bindings

- Exposing Business Components as Data Controls

- JSF Expression Language

- Binding Components to Data

Understanding ADF Task Flows:

- Characteristics of ADF Task Flow

- Creating a Task Flow

- Using ADF Task Flow Components

- Using Method Call Activities

- Creating Managed Beans

Enriching the Page Content:

- ADF Faces Rich Client Components

- Using Facets

- Using ADF Faces Components

- UI and Translation

Understanding Layout Basics:

- ADF Faces Layout Components

- ADF Faces Skins

- Enabling PPR

Ensuring Reusability:

- Pros and Cons of Reusability

- Reusing Components

- Designing for Reuse

- Creating ADF Library

- What Fits your Requirements

Implementing Page Navigation:

- ADF Faces Navigation Components

- Performing Navigation

- Defining Access Keys

- Using Train Components

Handling Application Events:

- JSF Page Life Cycle

- ADF Lifecycle Phases

- Creating Action Methods

- Value Change Events

Managing and Validating Data:

- Holding Values in Data Model

- Holding Values in Managed Beans

- Passing Values between Pages

- Validation Event Points

- ADF Binding Validation

- ADF Faces Validation

Transaction Management:

- Handling Transactions with ADF BC

- Transaction in ADF Task Flow

- Specifying Task Flow Transaction Start Options

- Creating Save for Later

Troubleshooting ADF Applications:

- Logging and Diagnostics

- Java Logging

- ADF Logging

- ADF Declarative Debugger

- UI Troubleshooting Tools

- Configuring ADF Logging

Deploying ADF Applications (WebLogic):

- Creating a WAR Profile

- Creating an EAR Profile

- Testing the Server Connectivity

- Deploying the Application

Our learning methods include:

- Comprehensive course selection of Instructor-Led Training

- Logistical convenience and interactive classroom experience of Online Training

- Flexible pacing and instructor-guided support of Mentored Learning

- Self-paced convenience of Online ANYTIME

In addition:

- Interview preparation with mock interview drills

- Effective resume building

- Process of applying jobs at the right places

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