

# Soft Online Training

# Oracle Fusion ADF R12

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# Oracle Apps ADF R12

## 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&12c 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 Modeling 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

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- **Modify Entity Object Default Behavior**

- **Associations**

## **View Objects and View Links**

- **Populating Data in View Objects**

- **Creating View Objects**

- **Modify View Object Default Behavior**

- **View Links**

- **Creating View Criteria**

- **Creating List of Values**

## **Application Modules**

- **Designing Application Module**

- **Creating Application Module**

- **Application Module Editor**

- **Testing Service Methods**

## **Programmatically Modifying Default Behavior**

- **Supporting Java Classes**

- **Modify Entity Object Behavior**

**Modify View Object Behavior**

**Service Methods and Application Module**

**Groovy Support**

## **User Input Validation**

**Validation Life Cycle**

**Built-in Declarative Validation Rules**

**Validation Execution**

**Failure Handling**

**Creating Validation Rule Class**



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## Troubleshooting ADF BC

- Logging and Diagnostics
- Java Logging
- ADF Logging
- ADF Declarative Debugger

## 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

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- 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
- Contextual Event Framework

## 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

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- Transaction in ADF Task Flow
- Specifying Task Flow Transaction Start Options
- Handling Transaction Exceptions

## Troubleshooting User Interface

- UI Troubleshooting Tools
- Configuring ADF Logging
- ADF Declarative Debugger

## Deploying ADF Applications (WebLogic)

- Creating a WAR Profile
- Creating a EAR Profile
- Deploying the Application

## Deploying ADF (Oracle Apps R12) Security



# Benefits

- **Real Time Faculty(Exp)**
- **Good Lab Facility**
- **Videos, Hard copy & soft copy Material**
- **Resume preparation**
- **Interview Questions**
- **100% Placement Assistance**
- **End to End Support**

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