

TECHLEADS IT

# Oracle Apps 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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