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Oracle Application Frame work (OAF)

1. Introduction to Oracle Applications and OAF

- ➢ Oracle Applications Framework.
- ➢ Necessary to use OAF in Oracle Apps.
- ➢ OAF Process Flow.
- ➢ More about OAF.
- ➢ Advantages of OAF.
- ➢ Difference between OAF/Oracle Forms.
- ➢ Difference between OAF/ADF.
- ➢ Prerequisites for learning OAF.
- ➢ Roles and Responsibilities in OAF.

2. MVC Architecture

- ➢ Overview of the Model.
- ➢ Overview of the View.
- ➢ Overview of the Controller.
- ➢ Onion Structure.
- ➢ BC4J File structure.

3. Java Basics

- ➢ How to Use All Loops in Java
- ➢ Class and Objects.
- ➢ Methods.

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- ➢ Java Data types.

- ➢ Arrays

- ➢ Collections

- ➢ Exception Handling

- ➢ JDBC

- ➢ Using Java syntax in OAF.

4. Sample Exercises

- ➢ Create Simple page.

- ➢ Create Items and Regions in page.

- ➢ Display Exceptions page.

- ➢ Swapping the value from one field to another field.

- ➢ Display images on the Page.

- ➢ Create Automatic search by using query region with LOV Concept

- ➢ Create Result Base Search by using query region.

- ➢ Create Manual Search.

5. Real Time Project on Custom Module

- ➢ Creating Search page with validations.

- ➢ Real time Create page with validations.

- ➢ Real time Master Details page.

- ➢ Real time Update page.

- ➢ Real Time Delete page.

- ➢ Calling Oracle APIS in OAF page.

- ➢ Calling SQL Statements in OAF Page.

- ➢ Cascade Delete Example.

- ➢ Dynamically display update page
- ➢ Dynamically display details page.
- ➢ Usage hash map and Serializations.
- ➢ Display Dialog page.
- ➢ Debugging OAF code.

6. Real Time Validations

- ➢ Compare Two Dates.
- ➢ Compare Two Numbers.
- ➢ Partial Page Rendering (PPR).
- ➢ Usage of SPEL.
- ➢ Dependent LOV.
- ➢ Dependent Pop list.
- ➢ Dynamically Enable Disable fields/Buttons.
- ➢ Dynamically Display Colors.
- ➢ Restrict special characters in the field.
- ➢ Display Upper case and Lower case letters.
- ➢ Display Graph with calculations.
- ➢ Dynamic calculations.
- ➢ ID value storing.

7. OAF Personalization

- ➢ Personalization Levels.

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- ➢ Create the new Items, Regions ,required, rearranging, disabling. Even which Covers SPEL Part
- ➢ Deleting personalization.
- ➢ Disabling personalization.

8. OAF Extensions

- ➢ Real-time scenario on VO Extension in I Supplier and I Procurements.
- ➢ Real-time scenario on CO Extensions.
- ➢ Example on AM Extension.
- ➢ Example on EO Extension.
- ➢ Debugging OAF code on the server.
- ➢ Deleting the extensions.

9. Real Time project on OAF Extensions and Personalization

- ➢ Modifications on **Buyers work order pages in I suppliers**.
- ➢ Modification on **I Suppliers Registration page**.
- ➢ Creating new LOV in Seeded oracle **I supplier page**.
- ➢ Creating new pop list in Seeded oracle **I procurement page**.
- ➢ Modifications on **Payment Manager Enquiry in AP Module**.
- ➢ I Procurement Extensions for **Non Catalog Requisitions**.
- ➢ **CRM Module Depot Repair Extension**
- ➢ **Project Note Box Customization** OAF Page Development in Project Accounting and AR Module
- ➢ **Key Flex Field Extension** on Accounting Flex filed on Different Modules.
- ➢ **DFF Extension in to Buyers work order pages in I suppliers**.

10. OAF Deployment & Live Migration Activities From One Instance to Another Instance.

➢ Deploy pages in oracle apps server by using XML Importer script and register in oracle Apps.

➢ Deploy bc4j extensions in oracle apps server by jpx importer script.

➢ Overview of MDS and JDR Utilities and tables

11. OAF Advanced Exercises

➢ More on Lov (Multi Select and Message Lov Choice)

➢ Display **Flex Fields(DFF and KFF).**

➢ Real Time Example on **Train Region**.

➢ Real Time Example on **HGrid**.

➢ Real Time Example on **Switcher**.

➢ Real Time Example on **Subtabs.**

➢ Calling **XML/BI Publisher Report from OAF page**.

FAQ'S   And More Real Time Projects Will Show and Live Discussion

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