

Oracle DBA, Oracle Developer, Java, Android, SQL Server, Linux, C, C++, MySQL PHP, HTML, CSS, Java Script, MySQL DBA, Postgresql DBA, ASP.Net, Bigdata Hadoop, Oracle Apex, Data Structure

Oracle Application Express Workshop II

Course Topics

Course Overview

- Course Objectives
- Lesson Schedule
- Course Environment: Products Installed
- Course Environment: Workspace Details
- Accessing the Labs Directory
- Introducing Course Persona

Introducing Course Persona

- Quick Review of What You Already Know
- Securing Database Applications
- What is a Packaged Application?
- Components of Team Development
- Workspace Administration
- Other Components
- Packaged Application Used in this course
- Additional Resources

Using Collections

- What is a Collection?
- Create a collection on an interactive report

Extending Your Application: Dynamic Actions

- Adding Dynamic Actions

Extending Your Application: Plug-ins

- Authentication/Authorization Plug-in Capability
- Using and Customizing the CSS Bar Chart Plug-In

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Incorporating Interactivity in Your Application

Tooltip

Scrolling Region

Add buttons with conditions in the report page to display report based on the conditions

Add a procedure in AJAX to refresh a page region periodically

Configuring Oracle Application Express to send email

Generating and Using Table APIs

What is a Table API?

Generate a Table API

Modify the Table API

Add a Form to an Application that shows how to add the process that will insert or update the database using the Table API

Creating and Using RESTful Web Services

What is a RESTful Web Service?

Components of a RESTful Web Service

An Example: RESTful Web Service

Creating a new RESTful Web Service

Consuming a RESTful Web Service in an APEX Application

Using Themes and Templates

Application Types: Desktop, Mobile, Responsive - Explain what they are and what criteria determines which application to create

Theme Overview: Which ones are for which type of Application

Review the layout of a Page template

Include using CSS to customize the template

Using Substitution Strings in Templates

Utilize new page attributes - files/inline styles

Create and modify a theme

Establishing a Master Application and a Corporate Theme

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Developing a New Theme for Your Application Using ThemeRoller

What is ThemeRoller?

Create a theme using the ThemeRoller

Securing Your Application

What Is a Directory?

Oracle Internet Directory

Technical Architecture: Overview

Authenticating Users by Using LDAP

SQL Injection

Cross-Site Scripting

Browser Security

Application Level Security

Deploying and Maintaining Your Application

Application Components

Things to consider

Backups

Optimizing Your APEX Application

Application Performance Considerations

Managing Services

Monitoring Activity

Database Configuration Considerations

Monitoring Application Performance

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Globalization and Translation

Understanding Application Translation and Globalization Support

Specifying the Primary Language for an Application Loading a New Language

Translating an Application

Translating the Data the Application Uses

Localization

Switching Languages