

Oracle APEX

Part 6

Plan

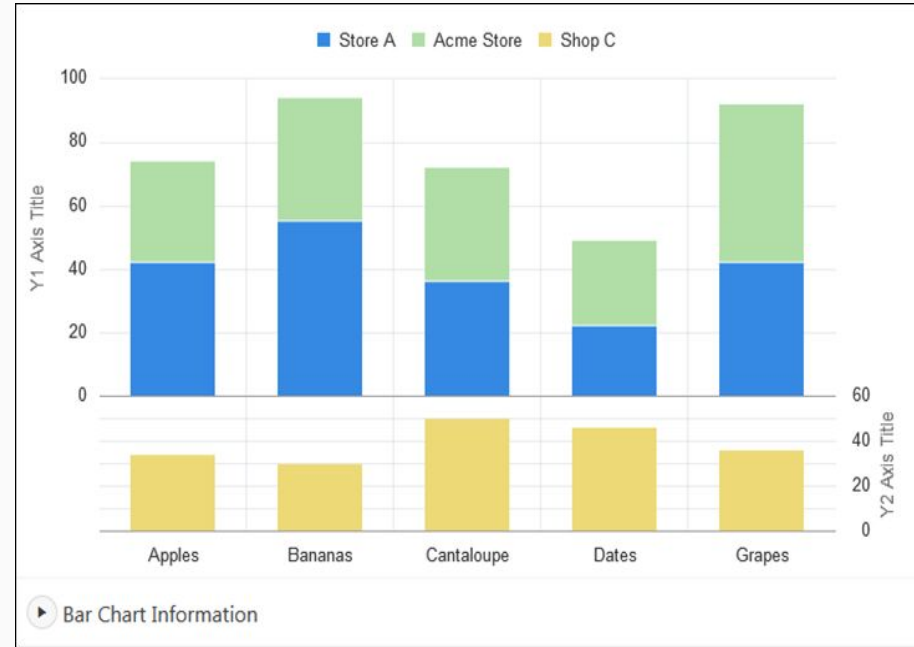
Session 11am – 1pm

1. How to develop Charts?.
2. How to perform Export of an application and import on another instance.
3. Lab Exercise - Exercise to build a sample Application

How to develop Charts

Steps to create Chart region

- Navigate to appropriate Page Definition
- Access the create Region Wizard
 - Tree View - Right click the Regions and select create
- The Create Region Wizard appears
- Select a region type as Chart
- Create the new series, Enter the source query, select attributes as required
- Follow the on-screen instructions to create a region.



Exporting an Application

Exporting an application involves below steps.

- **Generate DDL of Objects:** This step is to generate the DDLs which are required to create the objects in the target environment. To generate DDL, follow below steps.
 - Navigate to SQL Workshop
 - Click on Generate DDL
 - Click on “Create SQL Script”
 - Follow on screen instructions to create script.
- **Generate Data Dump:** This step is to generate the data dump and create the data in target environment. To generate data dump, follow below steps
 - Navigate to SQL Workshop
 - Click on Data Workshop
 - Follow on screen instructions to download the data dump file.

Exporting an Application

- **Export Application:** The next step is to export the application. To export application, follow below steps
 - Navigate to App Builder
 - Edit the application
 - Click on Import / Export
 - Click on Export
 - Select the required options
 - Click on Export to export the complete application into a file.

Lab Exercise

Create an application to meet following requirements

- We should be able to create / edit employees with below details
 - First Name
 - Last Name
 - Job Type (Permanent / Contractual)
 - Hire Date
 - DOB
 - Salary
 - Department ID (ID from the department table)
 - Manager ID
 - Email Address
 - Role (Admin, Reader, User)
 - Created by
 - Created on

Lab Exercise

- Last Updated By
- Last Updated On
- The application should have an interactive report to list all employees.
 - It should allow edit of each employee on a form.
 - The report should have csv and excel download options available.
 - The ID and date columns should not be shown on report.
- When creating employee record, below fields should be mandatory
 - First Name
 - DOB
 - Job Type
 - Email Address
 - Salary

Lab Exercise

- Only Employees with Admin role should be able to edit the employee data.
- Create an interactive grid to manage department data (Department Number and Department Name)
 - Department Number and Name should be mandatory while creating records.
 - Department Number should not be editable once the record is created on the grid.
 - Only Admin should be able to create department but rest users can edit the records
- Create charts to show below information
 - Department Wise Employee count.
 - Job Type wise Employee Count.

Questions



Thanks!

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