

Implement Train in OAF Page

Let us try to implement train between three pages. Consider three pages each having Text Item

1. Create a New OA Workspace and Empty OA Project

File> New > General> Workspace Configured for Oracle Applications

File Name -- TrainProj

Project Name - TrainDemoProj

Default Package -- mahi.oracle.apps.fnd.traindemo

2. Create Application Module AM

TrainDemoProj right click > New > ADF Business Components > Application Module

Name -- TrainDemoAM

Package -- mahi.oracle.apps.fnd.traindemo.server

Check Generate JavaFile(s)

Create Three Pages TrainDemoPG1, TrainDemoPG2 and TrainDemoPG3 as similar way as mention below to create TrainDemoPG1

3. Create a OA components Pages

TrainDemoProj right click > New > OA Components > Page

Name - TrainDemoPG1

Package -- mahi.oracle.apps.fnd.traindemo.webui

4. Modify the Page Layout (Top-level) Region

Attribute	Property
ID	PageLayoutRN
Region Style	pageLayout
Form Property	True
Auto Footer	True
Window Title	Train Demo Window Title
Title	Train Demo Page Header
AM Definition	mahi.oracle.apps.fnd.traindemo.server.TrainDemoAM

5. Create the Second Region (Main Content Region)

Select PageLayoutRN right click > New > Region

Attribute	Property
ID	MainRN
Region Style	messageComponentLayout

Create Text Items for all three pages say TextItemPage1, TextItemPage2 and TextItemPage3 in respective pages TrainDemoPG1, TrainDemoPG2 and TrainDemoPG3 in similar way of as mention below to create TextItemPage1 in page TrainDemoPG1

6. Create Text Items

Select MainRN right click > New > messageTextInput

Prompt -- TextItemPage1

Length -- 20

7. Create a Standalone Train Region

TrainDemoProj > New > Web Tier > OA Components > Region

Name -- TrainRN

Package - mahi.oracle.apps.fnd.traindemo.webui

Style - train

Select TrainRN in Structure pane and open property inspector and set **Allow Interaction** property to **True**

8. Add Three Train Nodes to TrainRN

Right Click on TrainRN in Structure pane > New > Link

Set the link properties as follow --

ID - TrainStep1

Item Style - link

Text - Step 1

Destination URI - OA.jsp?page=/mah/oracle/apps/fnd/traindemo/webui/TrainDemoPG1

Right Click on TrainRN in Structure pane > New > Link

Set the link properties as follow --

ID - TrainStep2

Item Style - link

Text - Step 2

Destination URI - OA.jsp?page=/mah/oracle/apps/fnd/traindemo/webui/TrainDemoPG2

Right Click on TrainRN in Structure pane > New > Link

Set the link properties as follow --

ID - TrainStep3

Item Style - link

Text - Step 3

Destination URI - OA.jsp?page=/mah/oracle/apps/fnd/traindemo/webui/TrainDemoPG3

9. Add Train Region to each of your Pages

For each of three pages in multistep flow, right click the **pageLayoutRN** in structure panel, and select **New > location** from page Context menu

Set following properties as follow --

ID - TrainDemoRN

Extends -- /mahi/oracle/apps/fnd/traindemo/webui/TrainRN

10. Create a Standalone (Shared) TrainFooterRN

TrainDemoProj > New > Web Tier > OA Components > Region

Name -- TrainFooterRN

Package -- mahi.oracle.apps.fnd.traindemo.webui

Region Style -- pageButtonBar

11. Add navigationBar

Select TrainFooterRN in Structure pane right click > New > Region

Set the region properties as follows:

ID -- NavBar

Region Style - navigationBar

First Step - 1

Last Step - 3

12. Add Links to the navigationBar

Right Click on NavBar > New > link

Set Item's properties as follows:

ID - Step1Link

Item Style - link

Text - Step 1 of 3: Page1

Warn About Changes - False

Destination URI -- /mahi/oracle/apps/fnd/traindemo/webui/TrainDemoPG1

Right Click on NavBar > New > link

Set Item's properties as follows:

ID - Step2Link

Item Style - link

Text - Step 2 of 3: Page2

Warn About Changes - False

Destination URI -- /mahi/oracle/apps/fnd/traindemo/webui/TrainDemoPG2

Right Click on NavBar > New > link

Set Item's properties as follows:

ID - Step3Link

Item Style - link

Text - Step 3 of 3: Page3

Warn About Changes - False

Destination URI -- /mahi/oracle/apps/fnd/traindemo/webui/TrainDemoPG3

13. Initialize the Footer Region

Select TrainFooterRN in Structure pane right click > Set New Controller

Class Name -- TrainDemoCO

Package Name - mahi.oracle.apps.fnd.traindemo.webui

Add following code in processRequest()

```
import oracle.apps.fnd.framework.webui.beans.nav.OATrainBean;
import oracle.apps.fnd.framework.webui.beans.nav.OANavigationBarBean;
...
public void processRequest(OAPageContext pageContext, OAWebBean webBean)
{
    super.processRequest(pageContext, webBean);

    OATrainBean trainBean =
        (OATrainBean)pageContext.getPageLayoutBean().getLocation();
    trainBean.prepareForRendering(pageContext);

    int step = trainBean.getSelectedTrainStepRenderedIndex();

    OANavigationBarBean navBean =
        (OANavigationBarBean)webBean.findChildRecursive("NavBar");
    navBean.setValue(step+1);
} // end processRequest()
```

14. Add the Navigation Region to your pages

For each of three pages in the multistep flow, right click the **PageLayoutRN** in Structure pane and select **New > Region**

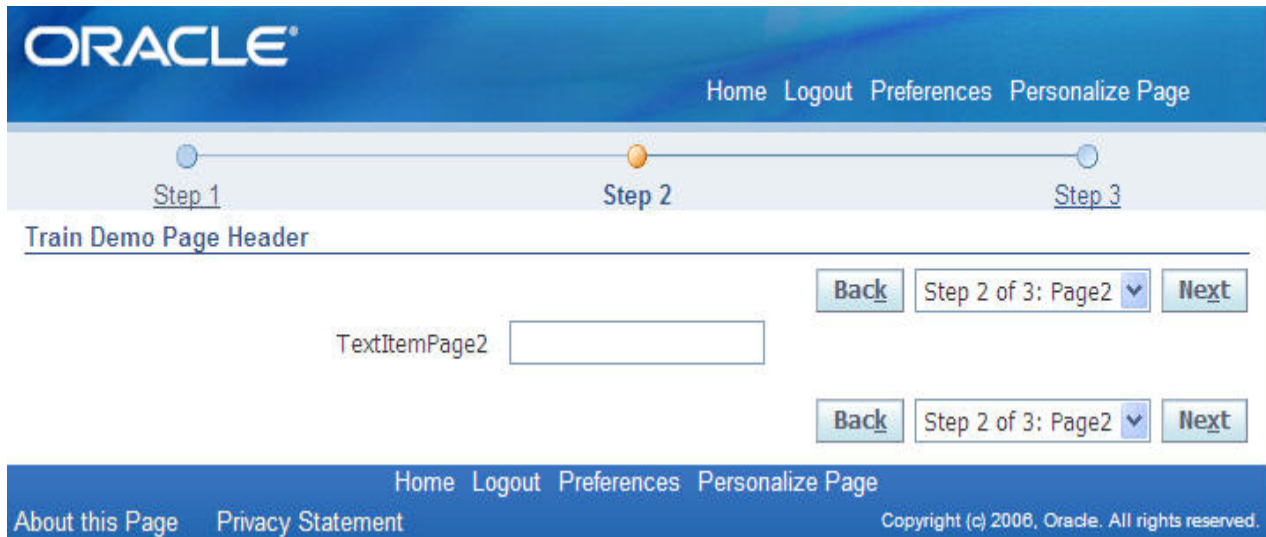
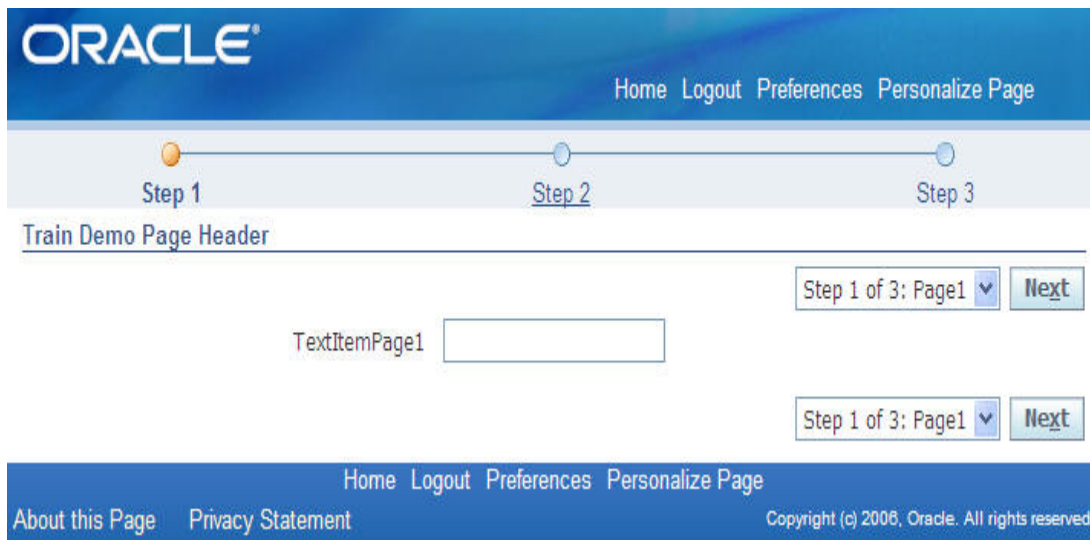
Set the region's properties as follow:

ID -- PageButtonBar

Style -- pageButtonBar

Extends -- /mahi/oracle/apps/fnd/traindemo/webui/TrainFooterRN

15. Congratulation you have successfully finished. Run Your TrainDemoPG1 page and Test Your Work



Step 1

Step 2

Step 3

Train Demo Page Header

[Back](#)

Step 3 of 3: Page3 ▾

TextItemPage3

[Back](#)

Step 3 of 3: Page3 ▾