

Integration of Adobe Forms in Web Dynpro ABAP



Applies to:

Web Dynpro ABAP. For more information, visit the [Web Dynpro ABAP homepage](#).

Summary

This tutorial explains the integration of Adobe Forms into Web dynpro Abap. It makes use of a number of UI elements as well.

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Author Bio

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Description:

The screen contains:

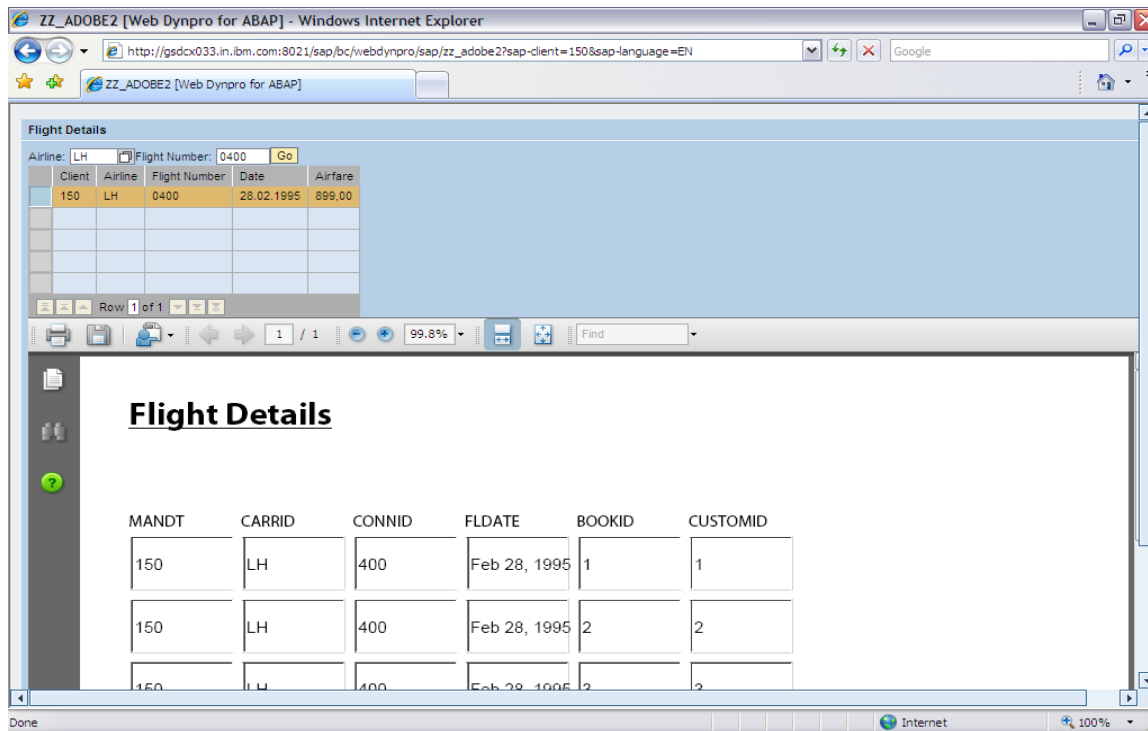
- Parameter: 1. Airline: SFLIGHT-CARRID
2. Flight Number: SFLIGHT-CONNID

Button: "GO".

Table: Displays the list of all flights based on the input given by user on Screen.

Adobe form: Displays the booking of the flight selected by user in the table displaying the flights.

Snap Shot of Screen:



Steps:

1. Create WebDynpro Component
2. Create Service Calls for related RFC/FMs.
3. Design View
4. Create Methods and Pass code.
5. Create a WebDynpro Application.

In Detail:

1. Create WebDynpro Component:
 - Go to SE80.
 - Choose 'Create WebDynpro Component' from the drop down list.
 - Create a new Web Dynpro Component.
 - Give Description, Window name and View Name.

Web Dynpro: Component / Create Interface

Name: ZZ_ADOBE2

Description:

Type: Web Dynpro Component
 Web Dynpro Component Interface

Window Name: ZZ_ADOBE2

View Name: MAIN

2. Create Service Calls for related RFC/FMs.

- Right Click on Component Name. Choose Create->Service Call.

Web Dynpro Component: ZZ_ADOBE2 Active

Description:

Assistance Class:

Created By: DDESAI Created On: 12.03.2009

Last Changed By: DDESAI Changed On: 12.03.2009

Original Lang.: EN Package: \$TMP

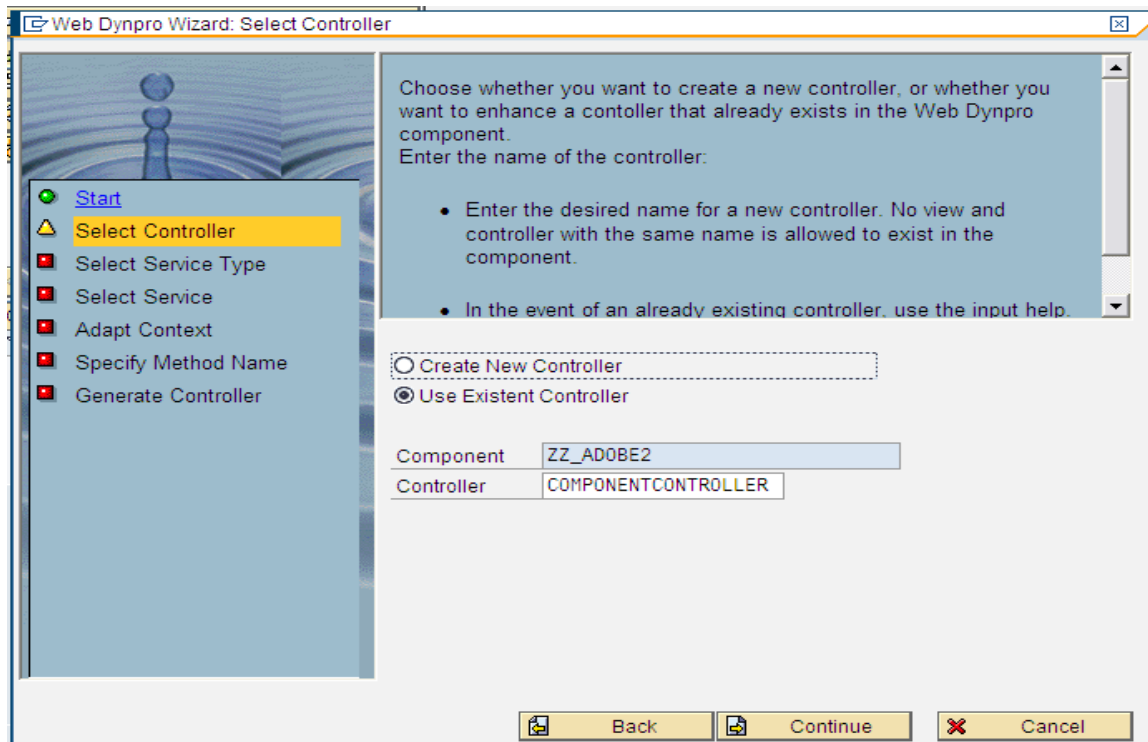
Accessibility Checks Active

Used Components | Implemented interfaces

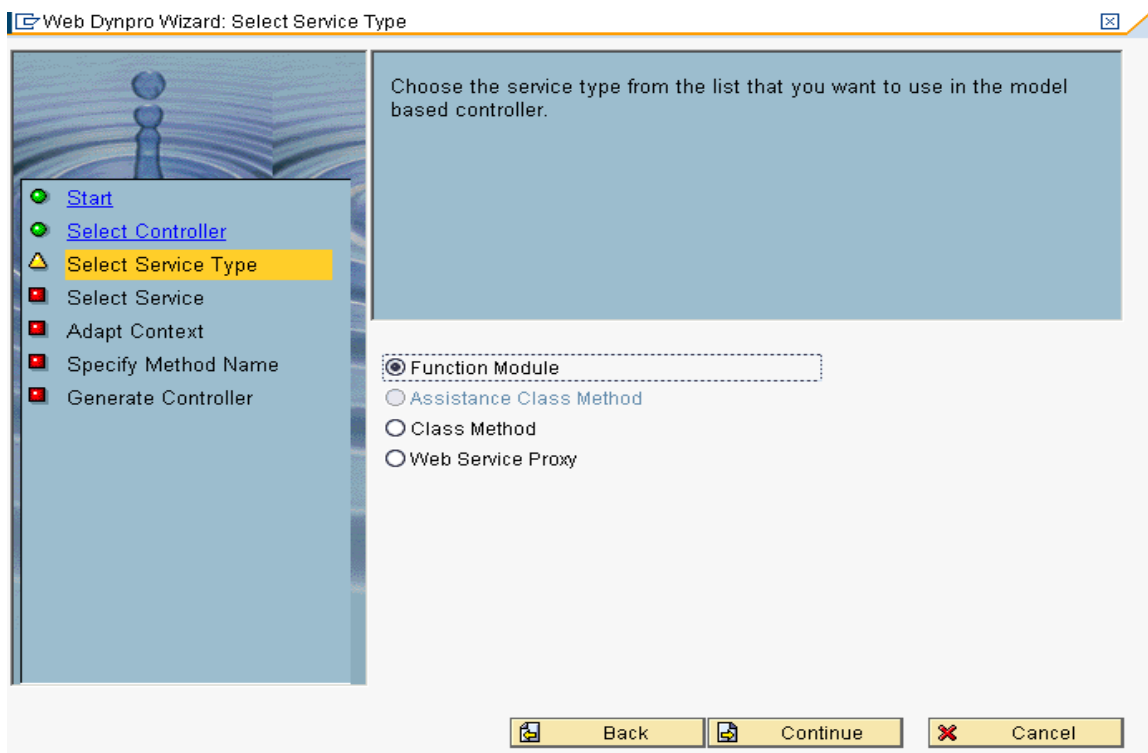
Used Web Dynpro Components

Component Use	Component	Description of Component
	Web Dynpro Component (Interface)	
	View	
	Window	
	Custom Controller	
	Service Call	
	Mime Object	
	Web Dynpro Application	

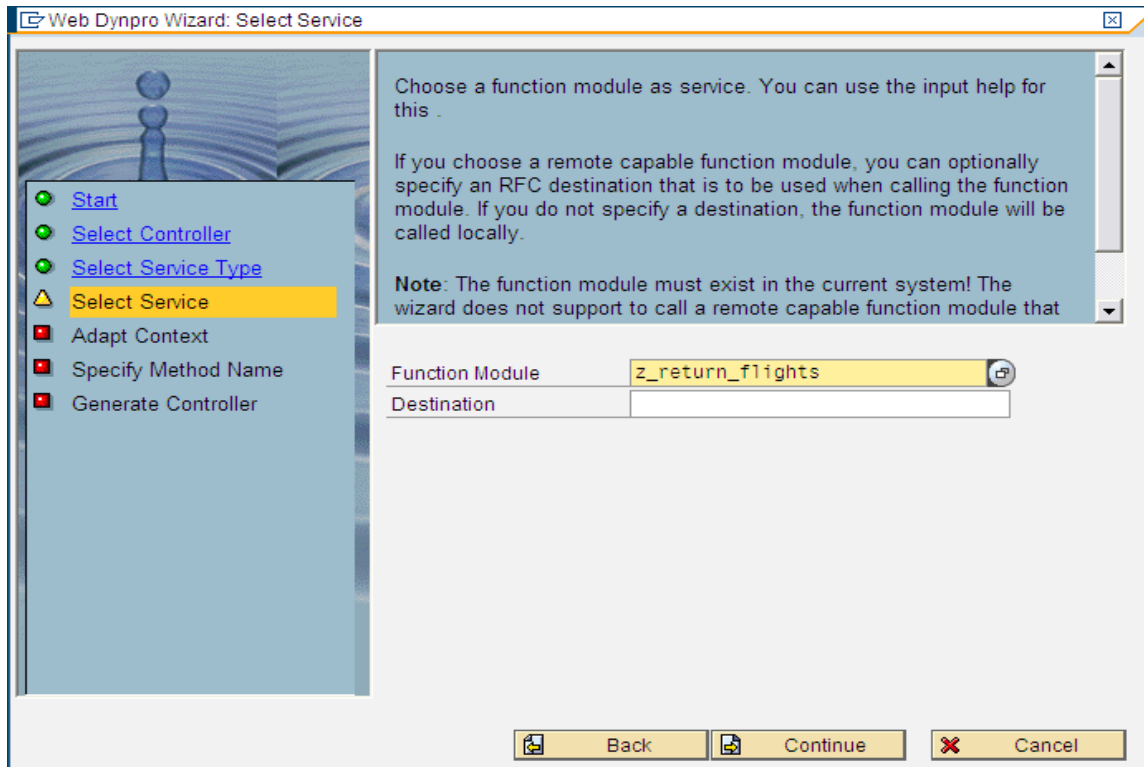
- Choose Existing Controller. Press F4 on controller and choose the Controller.



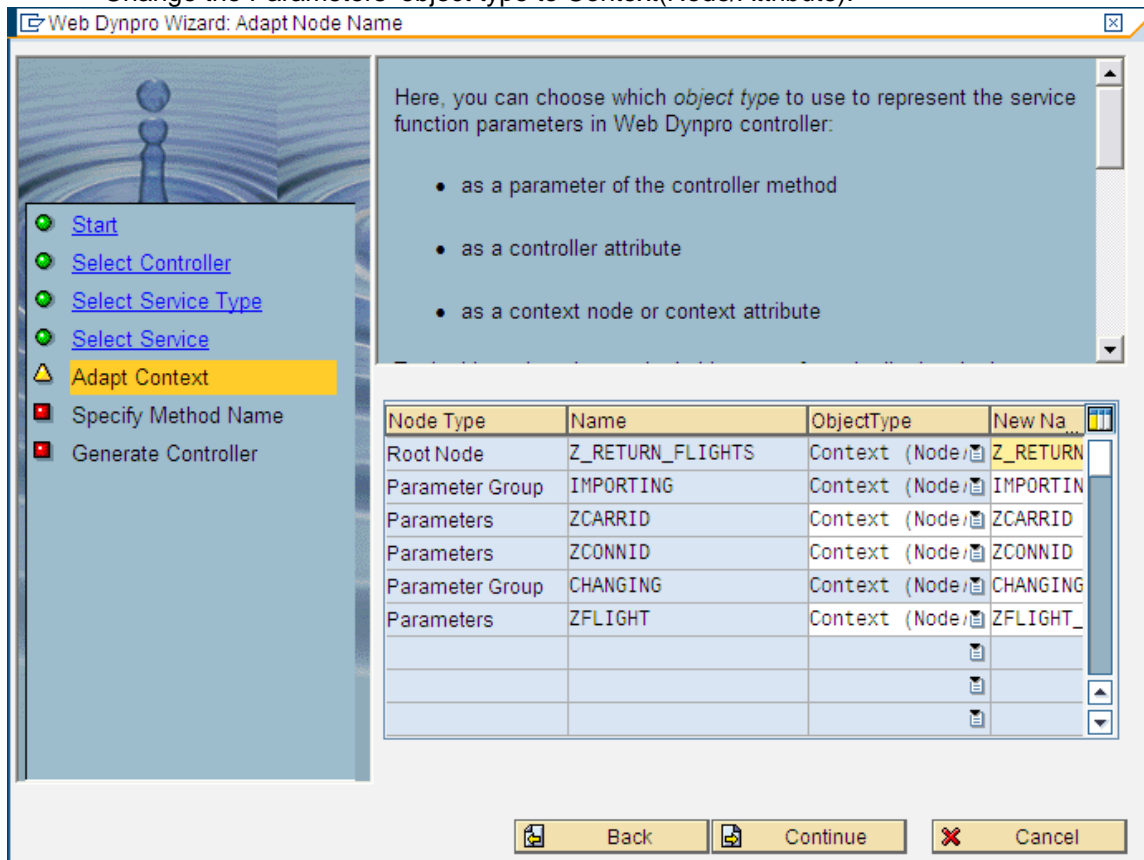
- Click Continue.



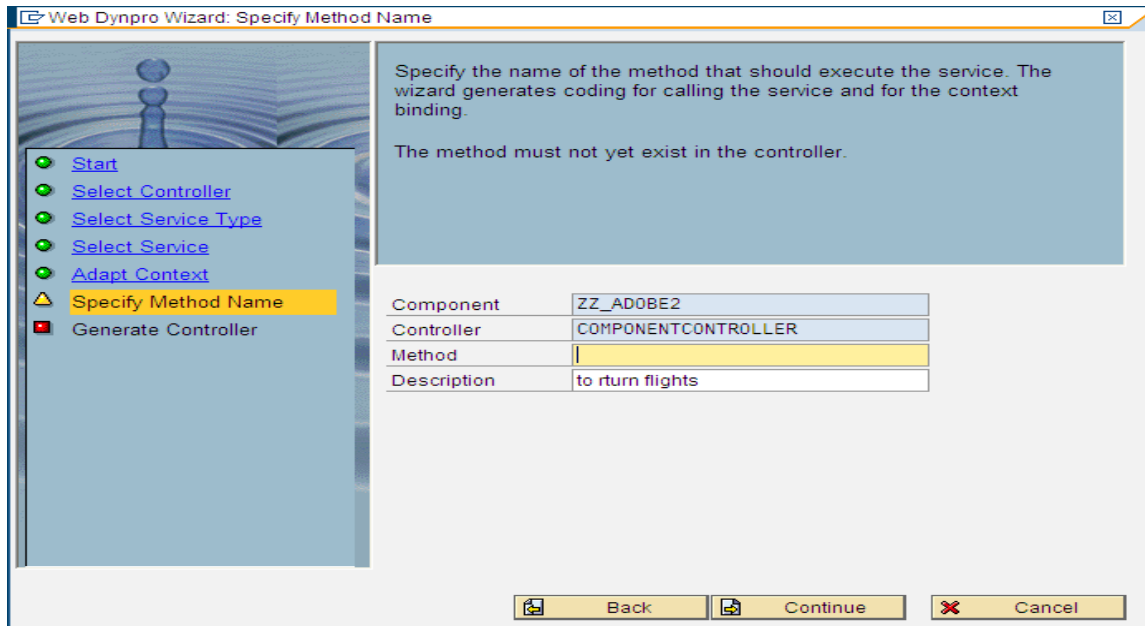
- Choose Function Module name by F4.



- Change the Parameters' object type to Context(Node/Attribute).



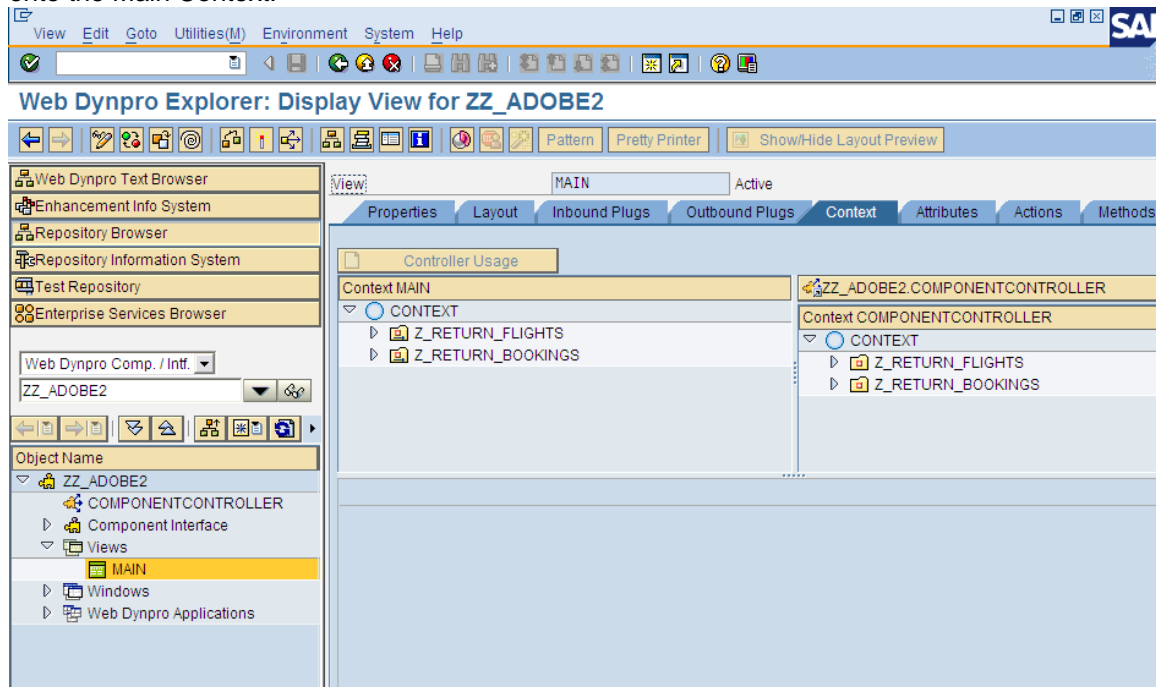
- Click on continue.
- Write Method Name and Click on Continue.



- Similarly make a service call for RFC 'Z_RETURN_BOOKINGS'. Change the Object Type of parameters of Parameters Group 'Importing' to 'Parameters of Method' and of 'Changing' to 'Context(Node/Attribute)'.

3. Design View:

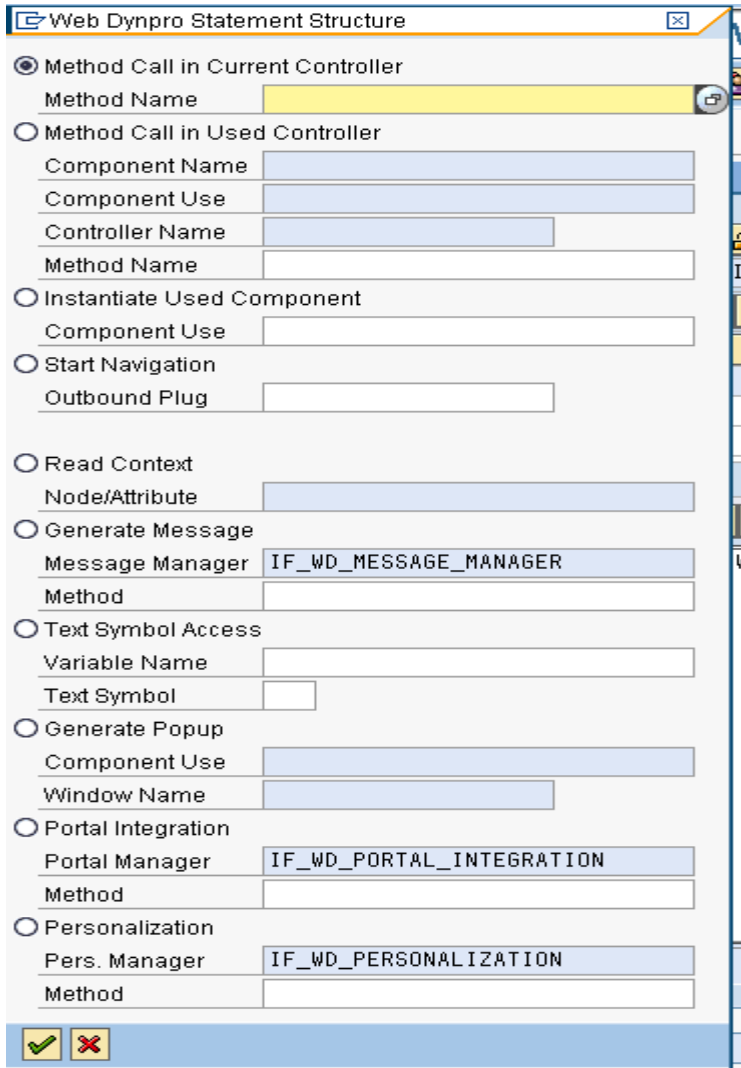
- Activate the component at this point of time.
- Go to View. Click on the Context Tab. Drag the Context from the Component Controller and drop it onto the Main Context.



- Go to Layout Tab of the View.
- Create a Group.
- Create a Container Form for Attributes of Importing Node of Z_return_flights. These will be input fields for are application.

- Create a button named Go and then create an Action event named 'Go'. Double click on Action Name. The implementation window opens for the method.

Press  'Web Dynpro Code Wizard'.



Web Dynpro Statement Structure

Method Call in Current Controller
Method Name

Method Call in Used Controller
Component Name
Component Use
Controller Name
Method Name

Instantiate Used Component
Component Use

Start Navigation
Outbound Plug

Read Context
Node/Attribute

Generate Message
Message Manager IF_WD_MESSAGE_MANAGER
Method

Text Symbol Access
Variable Name
Text Symbol

Generate Popup
Component Use
Window Name

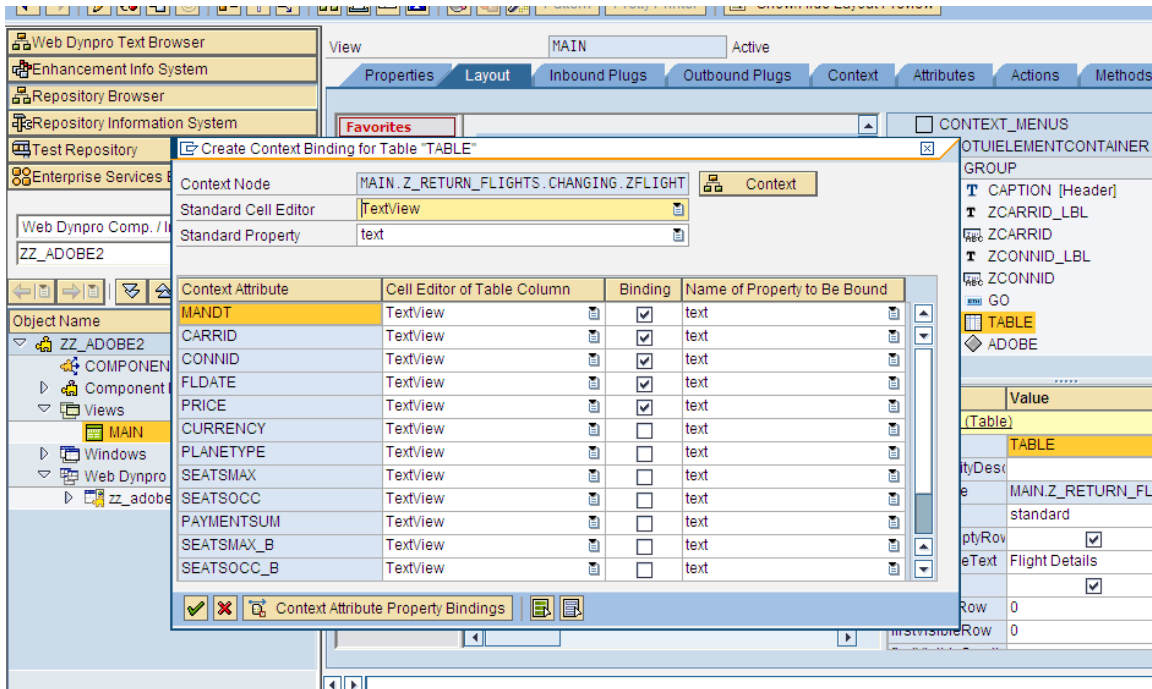
Portal Integration
Portal Manager IF_WD_PORTAL_INTEGRATION
Method

Personalization
Pers. Manager IF_WD_PERSONALIZATION
Method

Choose Method Call in Used Controller.

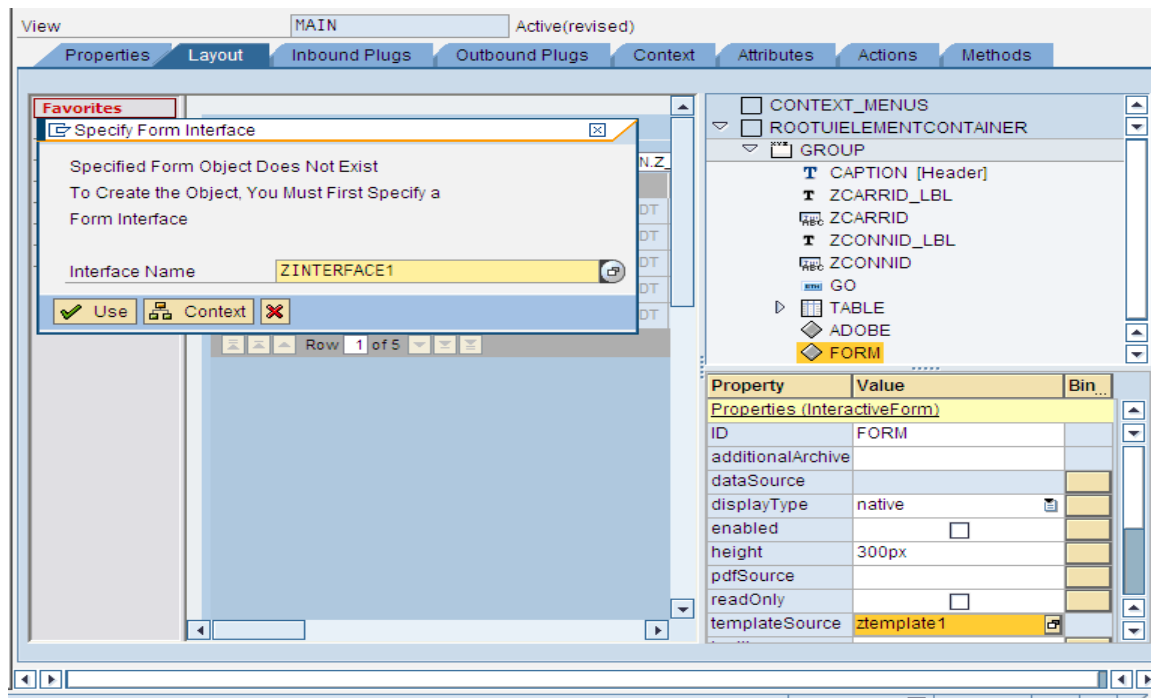
Select the required FM by F4. In this application, on the click of this button, the list of Flights should be displayed, therefore select 'execute_z_return_flights'.

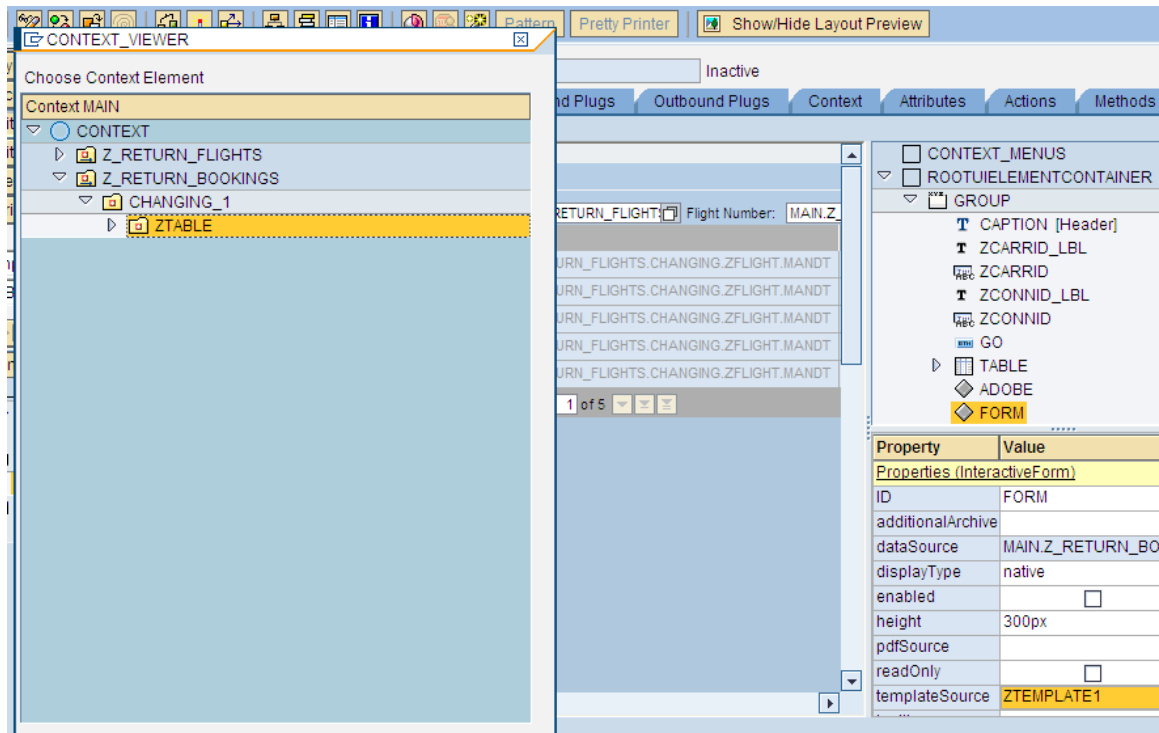
- Insert a table in the group, to display the Flights.
Right Click on group, choose table.
Right click on Table, choose Create Binding.
Choose Zflight from Context.



- Create Lead_selection event for onLeadSelect.
- Double click, to reach its implementation. Get the static attributes and call function 'execute_z_return_bookings', passing the necessary attributes.
- Create 'Interactive form' by right click on group name.

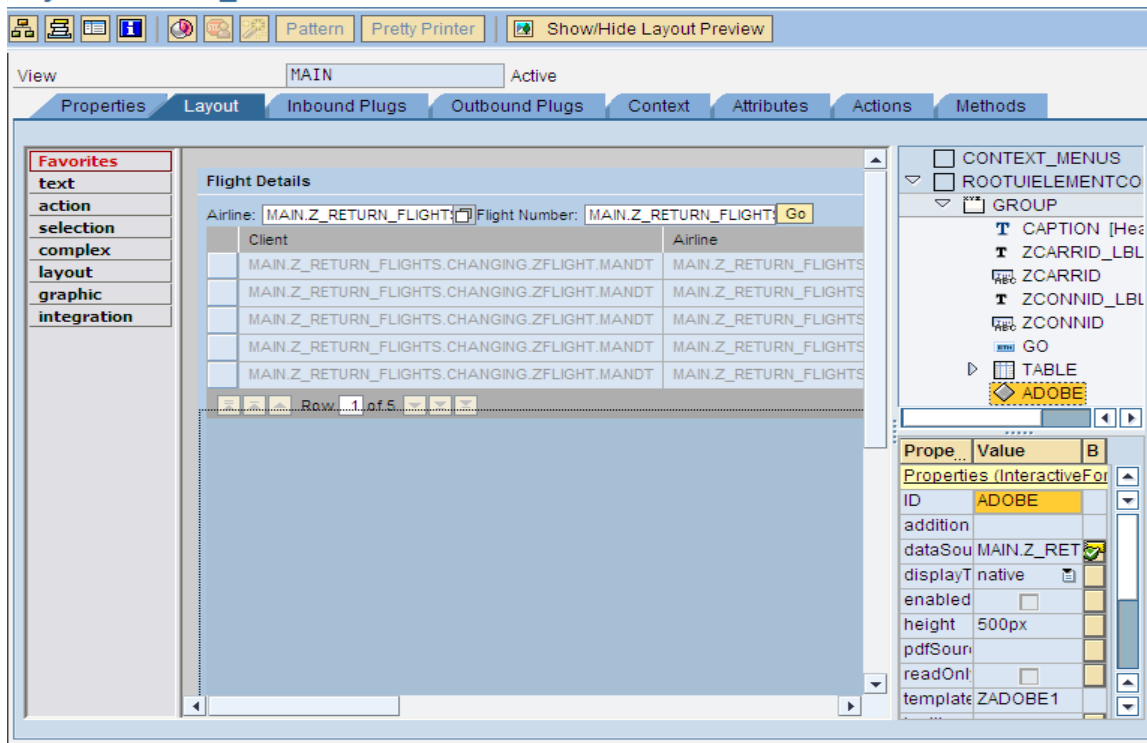
Give the property 'templatesource' a value. Double click to create. Give the interface name, and select the context to be associated to form.



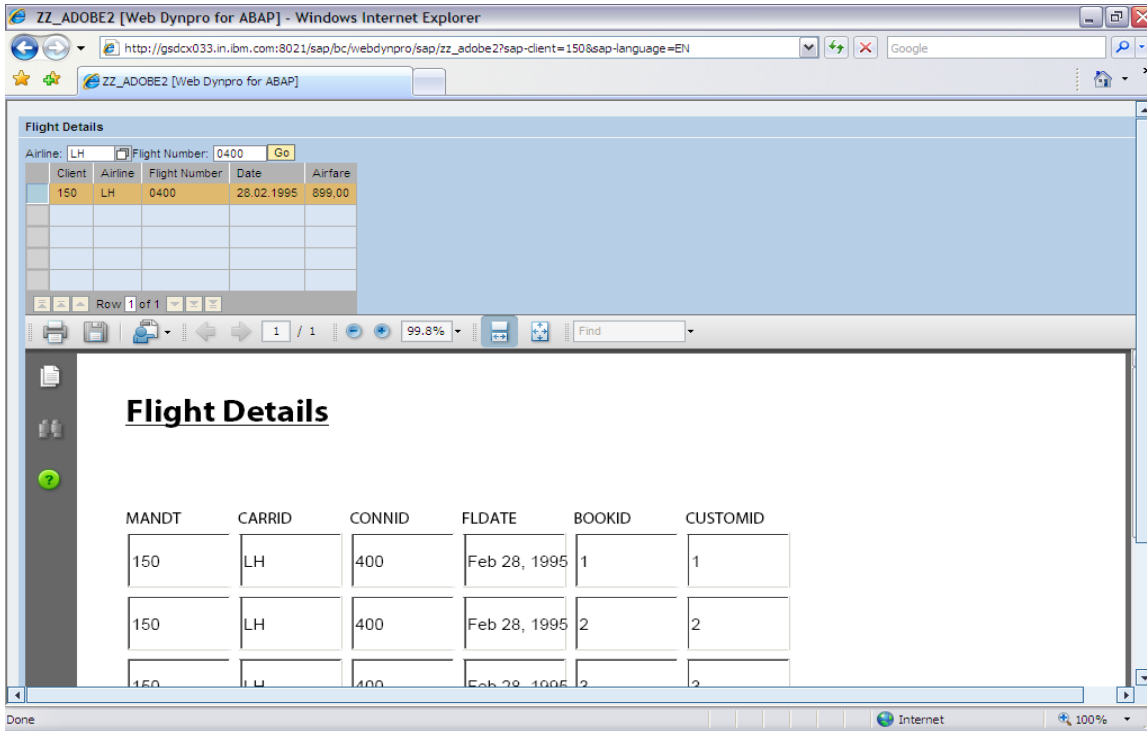


- Layout of form opens. Drag and Drop the required fields from 'Data View' and make the layout of your forms. Change the layout to ZCI layout in the properties of form. Save and activate your interface and then after the form.
- Activate your view.
- This is how your View looks now:

Display view for ZZ_ADOBEZ



2. Create a Web Dynpro Application.



This is the final Output.

Related Content

<http://www.saptechnical.com/Tutorials/WebDynproABAP/WebDynproABAPMain.htm>

UI Element Guide article from Sdn.sap.com

For more information, visit the [Web Dynpro ABAP homepage](#).

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