Adobe Forms: The First Step - SFP T-Code the Adobe form Builder

Applies to:
SAP ABAP, Adobe Live cycle Designer ES, mySAP ECC 6.0, SAP NetWeaver 2004s. For more information, visit the ABAP homepage.

Summary
Adobe forms is very efficient alternative for the Smartforms and also allows other good features for the next generation document services with SAP technology but for the exploration of those future possibilities you need to know the basics of the Adobe forms. This tutorial is first step toward adobe forms and will help beginners to ABAP and SAP builds confidence in developing new age solutions in SAP.

Author: Gaurav Patwari
Company: Torrent Power Ltd.
Created on: 15 December 2009

Author Bio
By education Gaurav is B.E. Information Technology, He is working as a Chief SAP ABAP Developer, SAP XI developer as well as SAP HCM Functional team member with Torrent Power Ltd. India’s one of the best Power Industry. His current technical work includes development with following ABAP, ABAP HR, SAP XI, ABAP Objects, Smartforms, Adobe forms BDC, BAPI, SAP Enterprise Portal, and SAP Web dynepro for Java.
SFP: Adobe Form Builder

SFP is nothing but the form builder with Adobe live cycle designer. As Adobe form builder is new and evolving technology there's scarcity for the guide for the new developers and the solution architects in SAP and as adobe is lead document services software vendor interesting features are available with it and can be provide to the client for the betterment of the custom solution proposed.

Before starting this tutorial, please ensure that Adobe life cycle designer is installed on your system and Adobe designer is configured on your server.

In this tutorial, we would pass a parameter (CARRID) to the form and print the same with a page heading.

SFP: Adobe Form Builder

Enter the T-code in SAP command bar as SFP.

Form Interface

For every form, an interface is mandatory. First step to create a custom adobe forms is to create form interface. Click on form interface radio button. Provide name YDEMO_INTERFACE and click on Create.
Create Interface

Provide the description and select the interface type as **ABAP Dictionary-Based Interface**.

![Create Interface](image)

Select the Package

As it is sample form I am providing it Local Object and Same way for the request in the next step.

![Create Object Directory Entry](image)
Default Initial Screen for the Interface

You will find the upcoming screen as shown below divided into two one having parameters which will have one default parameter as shown in below figure.

![Default Parameter available on creation of interface.](image)

Create New Parameter

For example create CARRID, click on Append Row

![Create New Parameter](image)
Append Row for CARRID

Follow as per below show figure.

Save, Check & Activate

Click on to Save.

Click on to activate
Create Form
Return back the main screen of SFP and click on radio button for Form and provide name `YDEMO FORM` and click on `Create`.

Mention Interface for Form
Provide the description for the form and also the previously created Interface form. Click on Save as shown in below figure.
Mention Package and Provide the Request for the Form

Here it is local object and hence forth no request is asked.

Drag N Drop CARRID

The screen appearing will have the two expand the YDEMO_INTERFACE and drag the CARRID on to the Form on right hand side.
Next screen is the resulting screen on dropping the CARRID.

Go for the Layout

Click on Layout
Go for the Form Designing
Click on the Palettes ➔ Object Library ➔ You will find the Object library dialog click on the Standard tab. below figure depicts the same.

Create a Title Text
Select the Text from the standard tab and drag and drop on the content area and edit the text.
Create Text Field

Select the Text Field from the standard tab and drag on the content area as shown in figure below.

Edit Object properties for Text field.

Click on the Object tab ➔ Edit the text of text field to Carrier ID.
Click Object Tab ➔ Value tab
Select the value type as Read only from the drop down list as shown in below figures.
Click Object Tab ➔ Binding
Click on button next to the default binding select CARRID as shown in below figure.
Binding Properties

Click on OK.

Click on Save, Close & Activate
Test the Form

Click on 

Provide CARRID = AA

Click on 

Test Function Module: Initial Screen

Test for function group /1BCDWB/SM00000043
Function module /1BCDWB/SM00000043
Uppercase/Lowercase

<table>
<thead>
<tr>
<th>Import parameters</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>/1BCDWB/DOCPARAMS CARRID</td>
<td>AA &lt;Initial&gt;</td>
</tr>
</tbody>
</table>
Print Preview

Click on print preview

Final Output...

Journey starts now.....
Related Content
For more information, visit the ABAP homepage.

PDF-Based Print Form
https://forums.sdn.sap.com/thread.jspa?threadID=444902
Disclaimer and Liability Notice

This document may discuss sample coding or other information that does not include SAP official interfaces and therefore is not supported by SAP. Changes made based on this information are not supported and can be overwritten during an upgrade.

SAP will not be held liable for any damages caused by using or misusing the information, code or methods suggested in this document, and anyone using these methods does so at his/her own risk.

SAP offers no guarantees and assumes no responsibility or liability of any type with respect to the content of this technical article or code sample, including any liability resulting from incompatibility between the content within this document and the materials and services offered by SAP. You agree that you will not hold, or seek to hold, SAP responsible or liable with respect to the content of this document.