

WPAI: Creating and Enabling the Translate Table Interface, WPS_XLATTABLE

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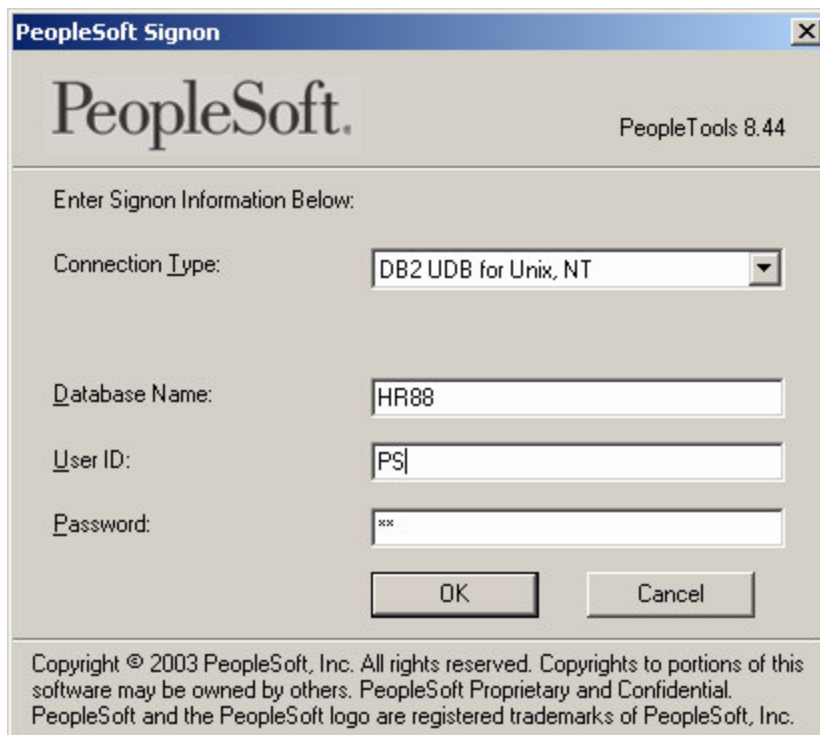
Introduction

The document provides a step-by-step guide of how to create and test the component interface, WPS_XLATTABLE, which WPAI uses to obtain a listing of all component interfaces on a PeopleSoft server. **Note:** PeopleTools 8.44 is used in this example.

Create PeopleSoft Component Interface

Create the Translate Table CI¹

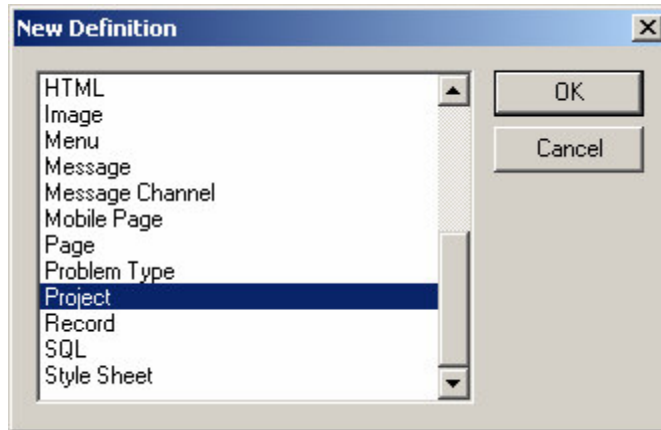
- Log in to the PeopleTools 8.44 Application Designer, using the Administrator account²

The image shows a 'PeopleSoft Signon' dialog box. At the top, it has a title bar with 'PeopleSoft Signon' and a close button. Below the title bar is the 'PeopleSoft.' logo on the left and 'PeopleTools 8.44' on the right. The main area is titled 'Enter Signon Information Below:'. It contains four input fields: 'Connection Type:' with a dropdown menu showing 'DB2 UDB for Unix, NT'; 'Database Name:' with a text box containing 'HR88'; 'User ID:' with a text box containing 'PS'; and 'Password:' with a text box containing 'xx'. At the bottom of the input fields are two buttons: 'OK' and 'Cancel'. At the very bottom of the dialog box is a copyright notice: 'Copyright © 2003 PeopleSoft, Inc. All rights reserved. Copyrights to portions of this software may be owned by others. PeopleSoft Proprietary and Confidential. PeopleSoft and the PeopleSoft logo are registered trademarks of PeopleSoft, Inc.'

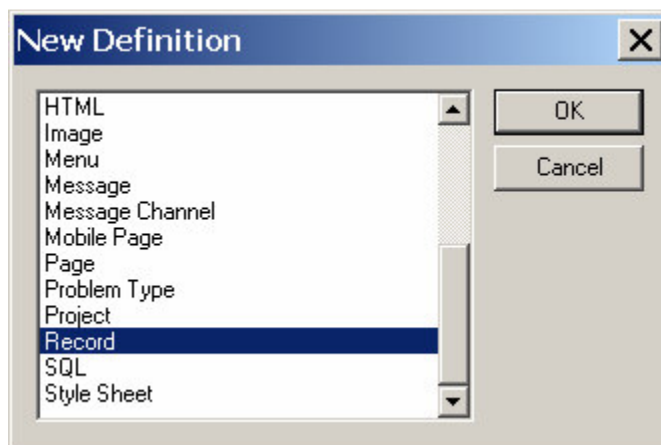
- Go to **File → New**
 - In the New Definition dialog, select **Project**, then click the **OK** button

¹ CI — Component Interface

² User: PS, and password: PS

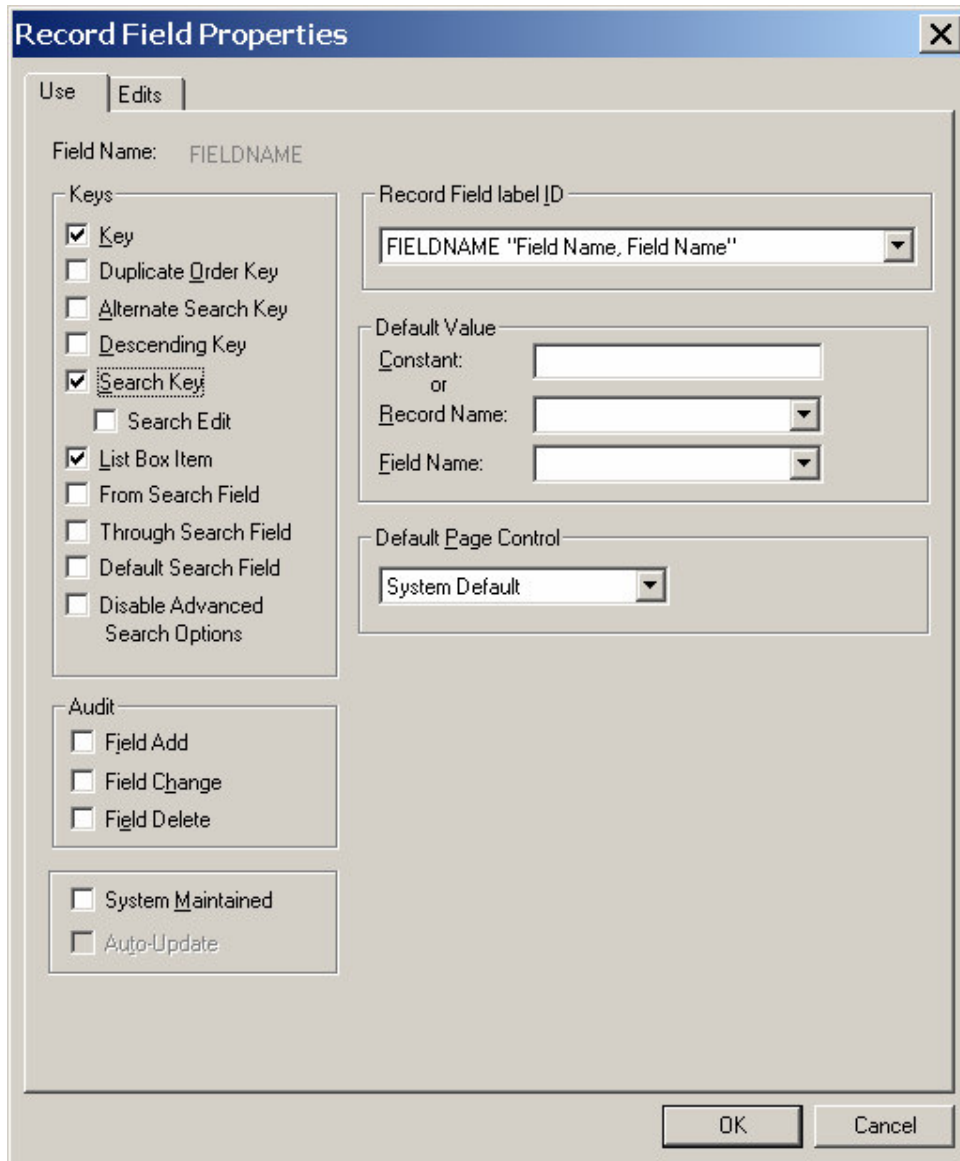


- Go to **File → New**
 - In the New Definition dialog, select **Record**, then click the **OK** button



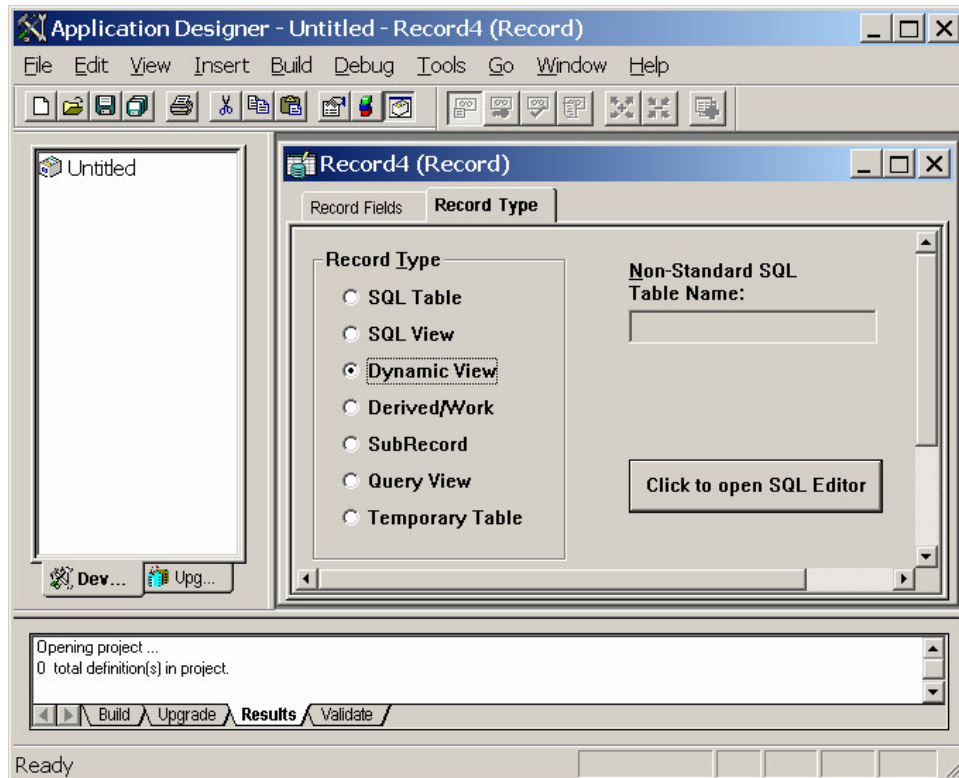
- Go to **File → Open**
 - In the Open Definition dialog, select **Record** in the Definition field, and enter **XLATTABLE_VW** in the Name field, and then click the **Open** button and answer **Yes** when prompted to open the record as read-only.

- Double click **FIELDNAME**, enable the **Search Key** attribute, and click OK. Repeat this step for **FIELDVALUE**.

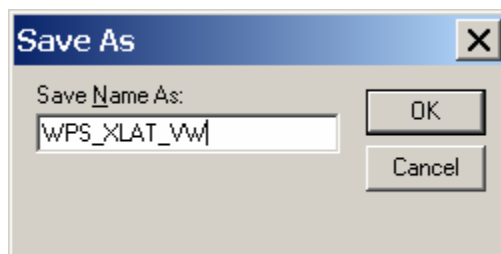


The image shows a 'Record Field Properties' dialog box with a blue title bar and a close button (X) in the top right corner. The dialog has two tabs: 'Use' and 'Edits', with 'Use' currently selected. The 'Field Name' is set to 'FIELDNAME'. On the left, there are three sections of checkboxes: 'Keys' (with 'Key', 'Search Key', and 'List Box Item' checked), 'Audit' (with 'Field Add', 'Field Change', and 'Field Delete' unchecked), and a bottom section (with 'System Maintained' and 'Auto-Update' unchecked). On the right, there are three groups of controls: 'Record Field label ID' (a dropdown menu showing 'FIELDNAME "Field Name, Field Name"'), 'Default Value' (with 'Constant' and 'Record Name' fields, and a 'Field Name' dropdown), and 'Default Page Control' (a dropdown menu showing 'System Default'). At the bottom right are 'OK' and 'Cancel' buttons.

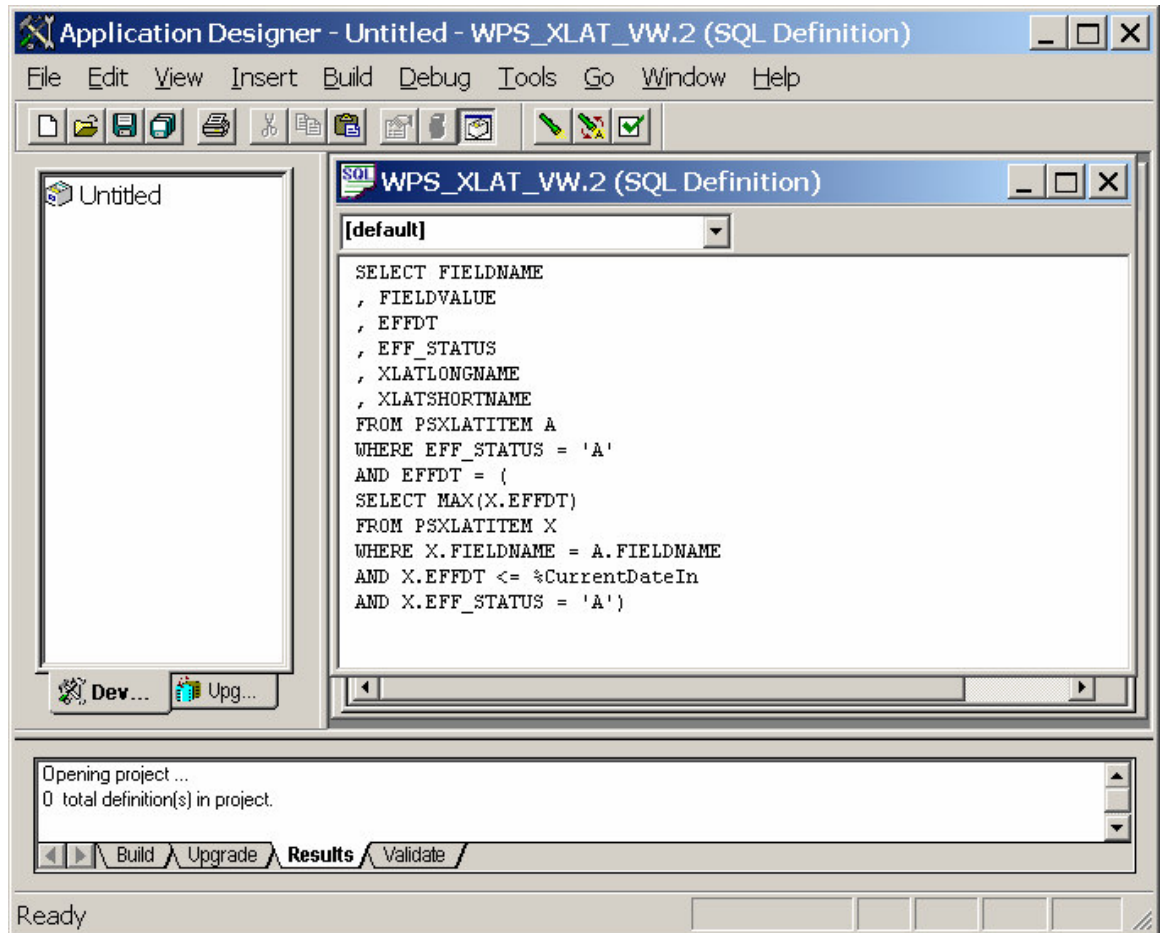
- Double click **EFFDT** and disable the **Descending Key** attribute (not shown).
- Click the **Record Type** tab and select **Dynamic View**



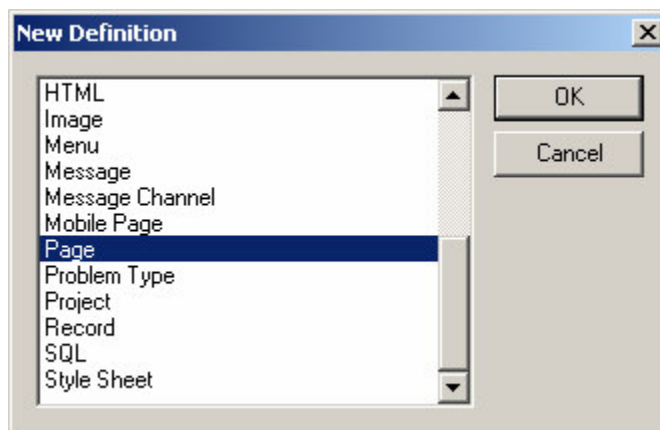
- Click the **Click to open SQL Editor** button and save the record as shown below.

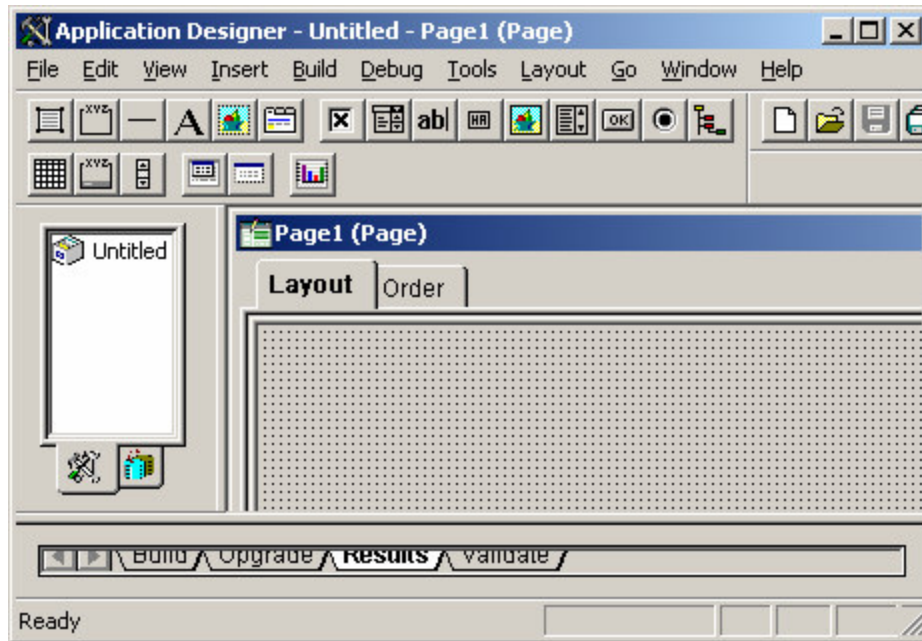


- Add the SQL as shown, and then close the SQL Definition Window.

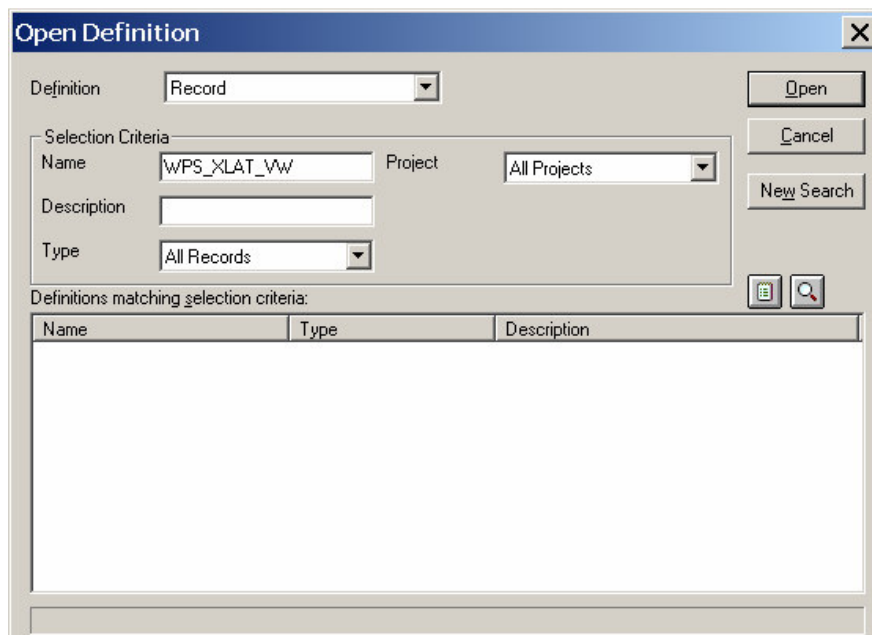


- Close the Record Window and save your changes (not shown).
- Go to **File** → **New**
 - In the New Definition dialog, select **Page**, then click the **OK** button

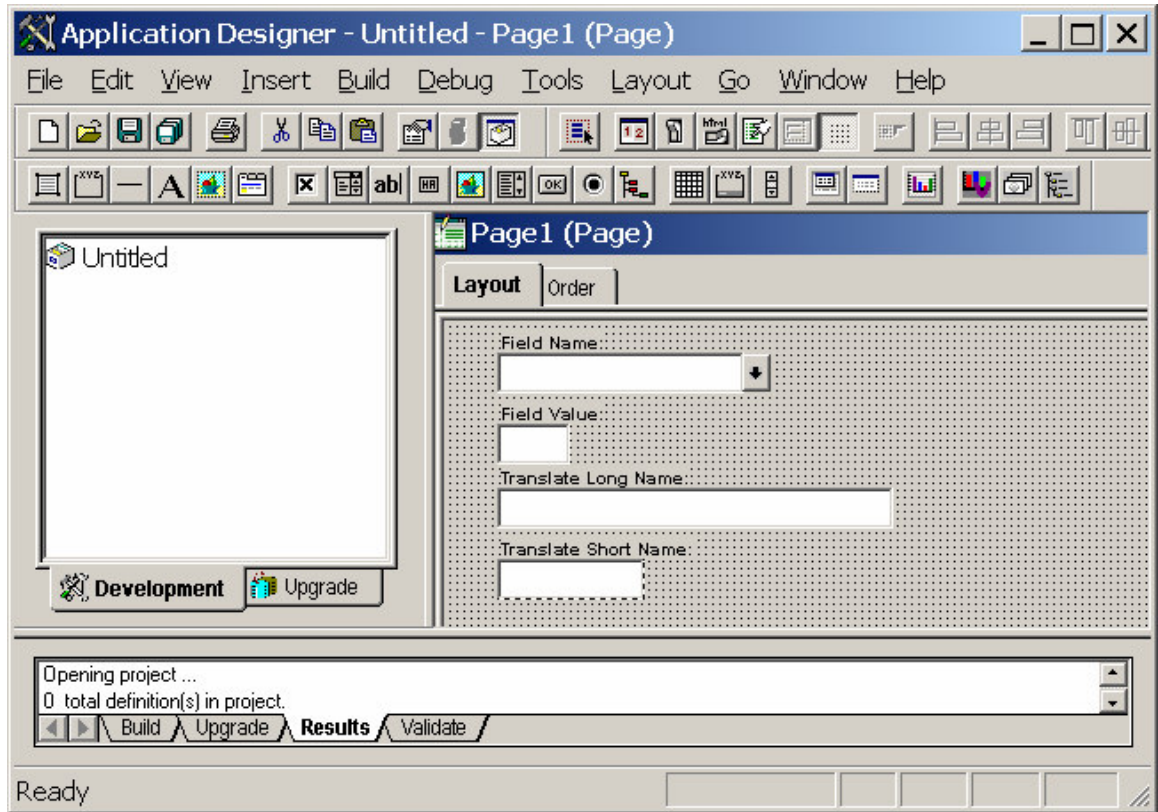




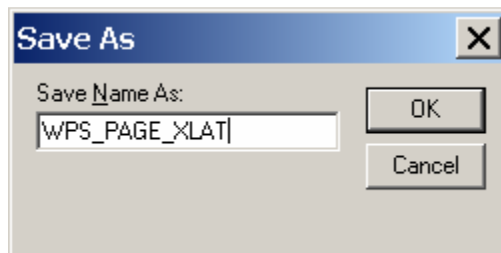
- Go to **File → Open**
 - In the Open Definition dialog, select **Record** in the Definition field, and enter **WPS_XLAT_VW** in the Name field, and then click the **Open** button



- Drag the **FIELDNAME**, **FIELDVALUE**, **XLATLONGNAME**, and **XLATSHORTNAME** fields from the WPS_XLAT_VW Record window to the Page window

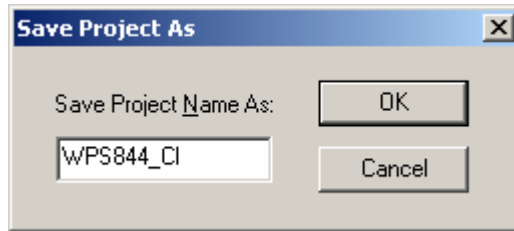


- Go to **File** → **Save**³
 - Enter *WPS_PAGE_XLAT* in the Save Name As field, and then click the **OK** button

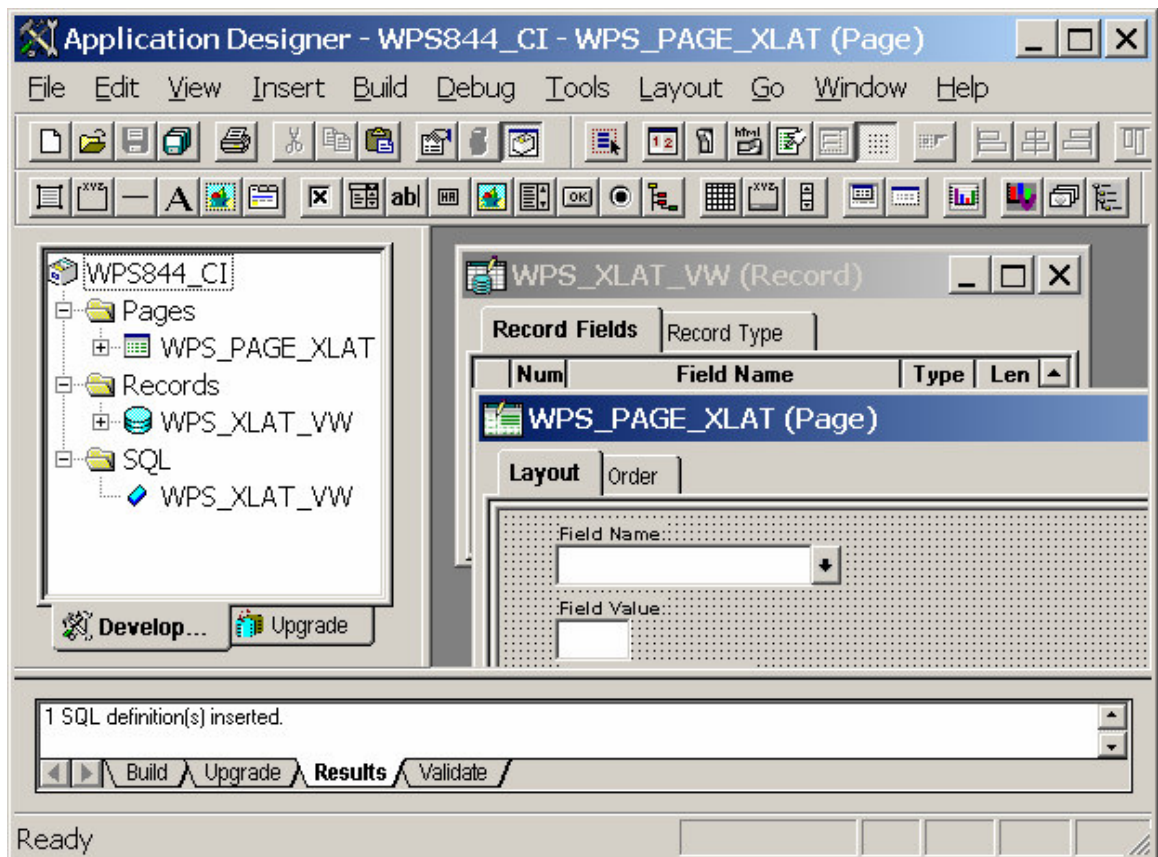


- Go to **File** → **Save Project As**
 - In the Save Project Name As field, enter *WPS844_CI*, and then click the **OK** button

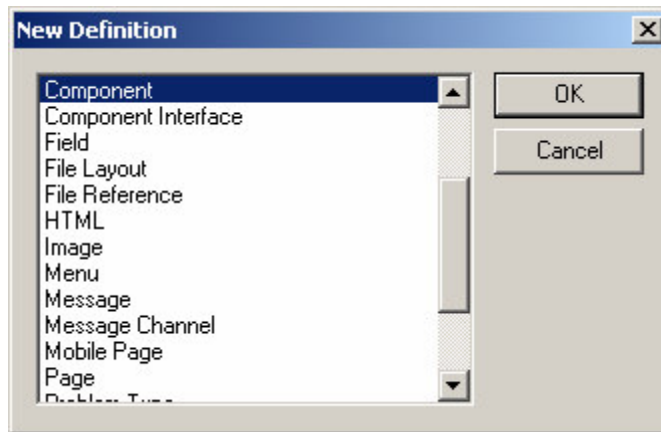
³ Make sure that the Page window gets the focus



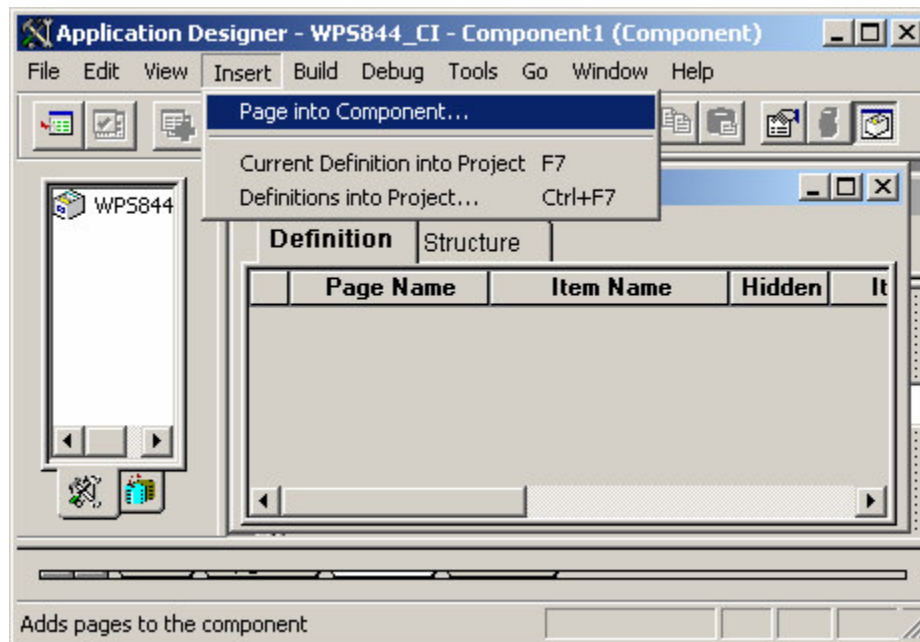
- Add the WPS_PAGE_XLAT page and WPS_XLAT_VW record to the WPS844_CI project by selecting each window and pressing F7. Go to **File → Save All** to update the project.



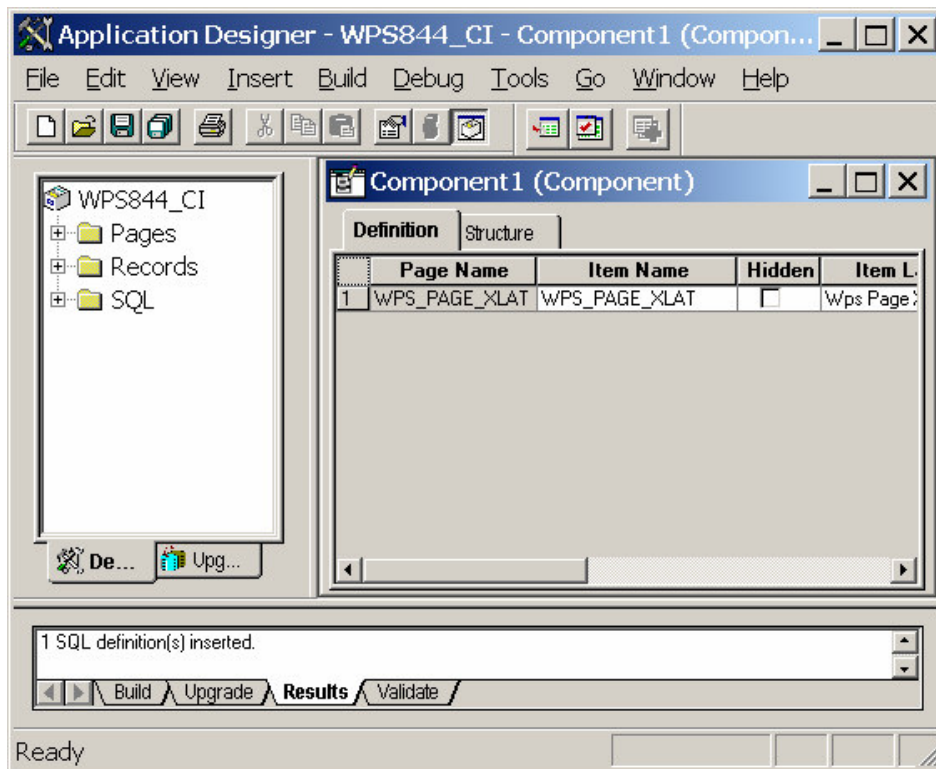
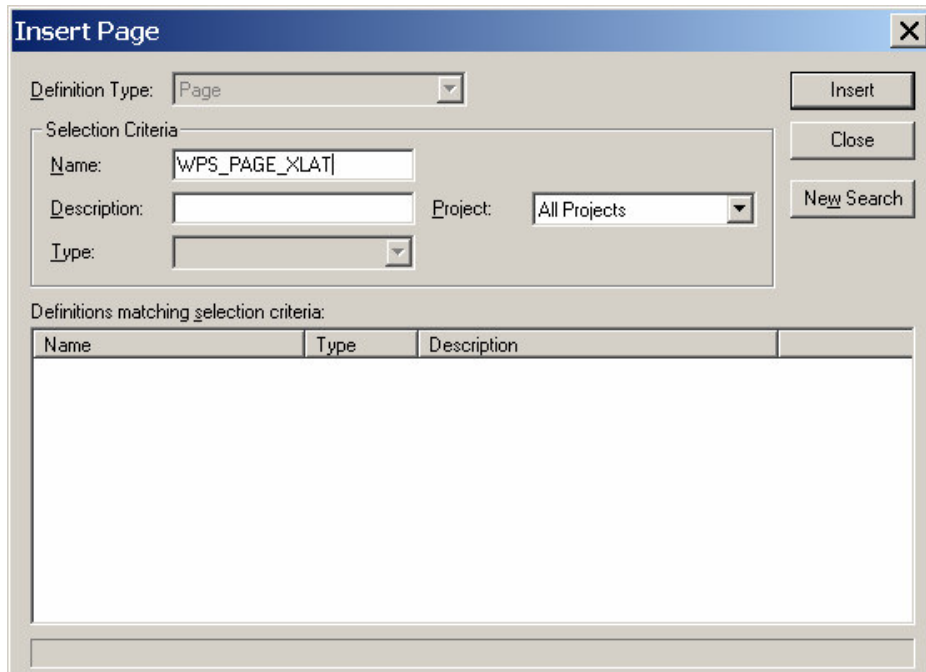
- Go to **File → New**
 - In the New Definition dialog, select **Component**, then click the **OK** button



- Go to **Insert** → **Page into Component**



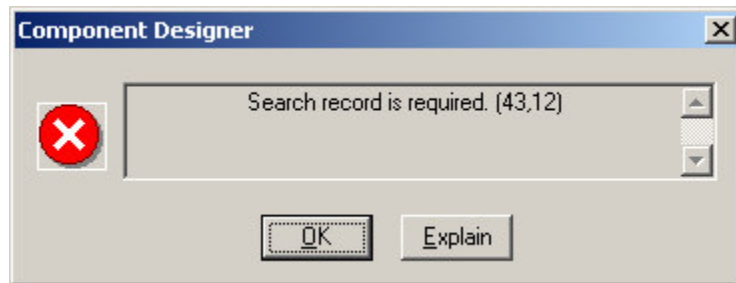
- In the **Insert Page** dialog, enter *WPS_PAGE_XLAT* in the **Name** field, click the **Insert** button, then click the **Close** button



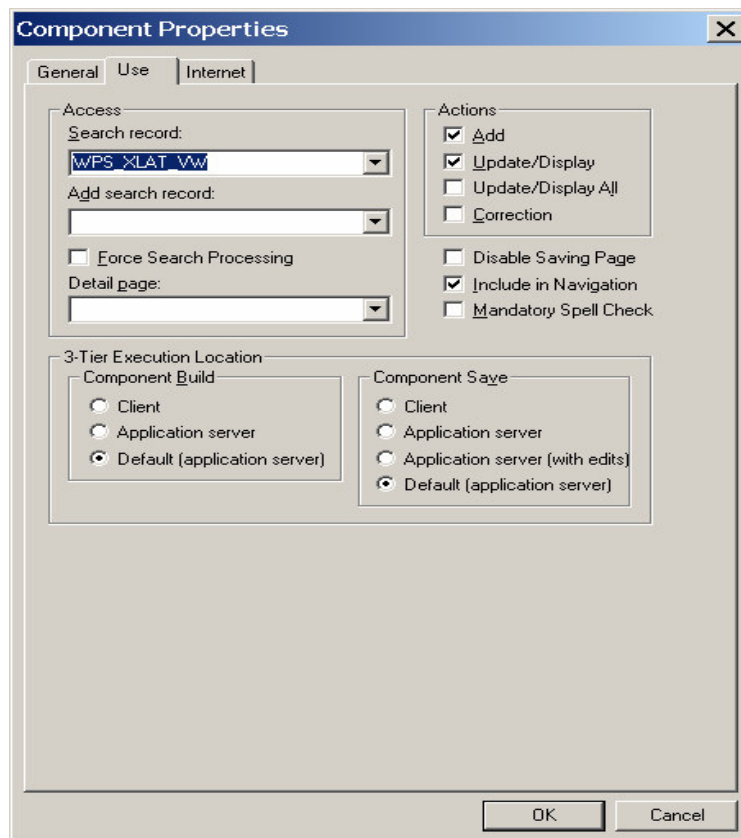
- Go to **File → Save**
 - Enter *WPS_XLATTABLE* in the Save Name As field, then click the **OK** button



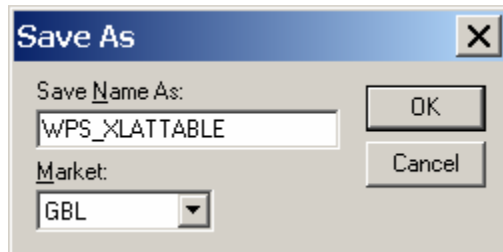
- When prompted with the message — Search record is required, click the **OK** button



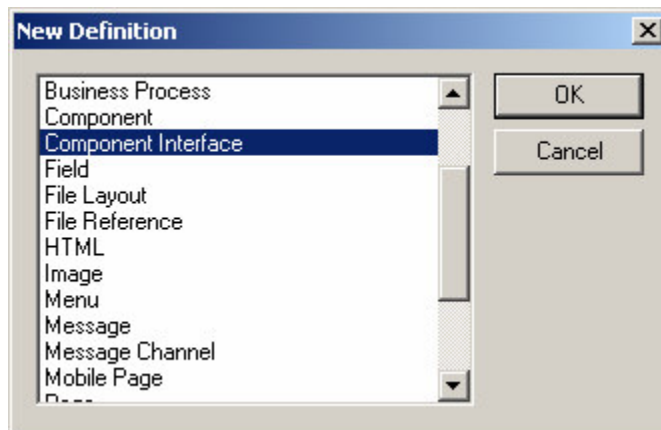
- In the **Search record** field, enter *WPS_XLAT_VW*, then click the **OK** button



- Go to **File → Save**⁴
 - Enter *WPS_XLATTABLE* in the Save Name As field, then click the **OK** button

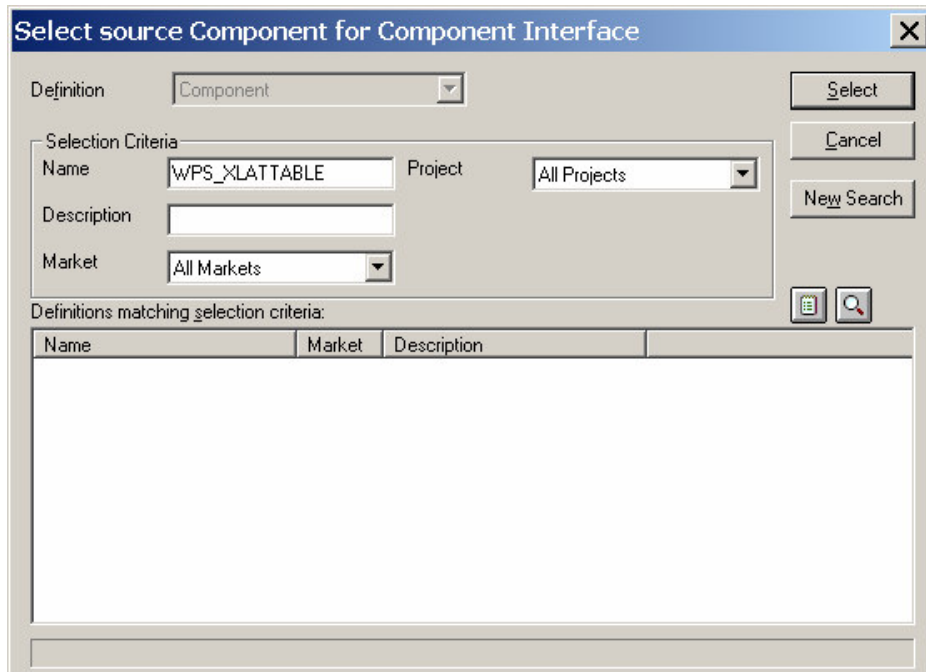


- Add the WPS_XLATTABLE component to the WPS844_CI project by selecting the component window and pressing F7.
- Go to **File → New**
 - Select **Component Interface** as the New Definition, and then click the **OK** button

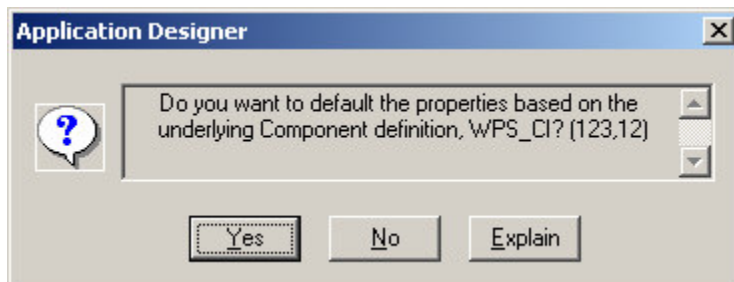


- In the **Name** field, enter *WPS_XLATTABLEI*, and then click the **Select** button

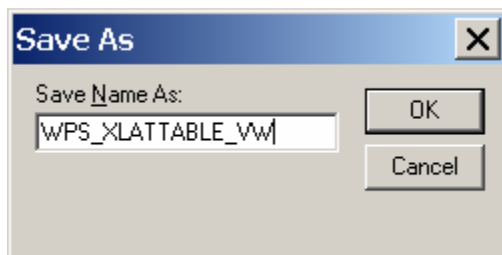
⁴ It's a required repeat of the preceding step



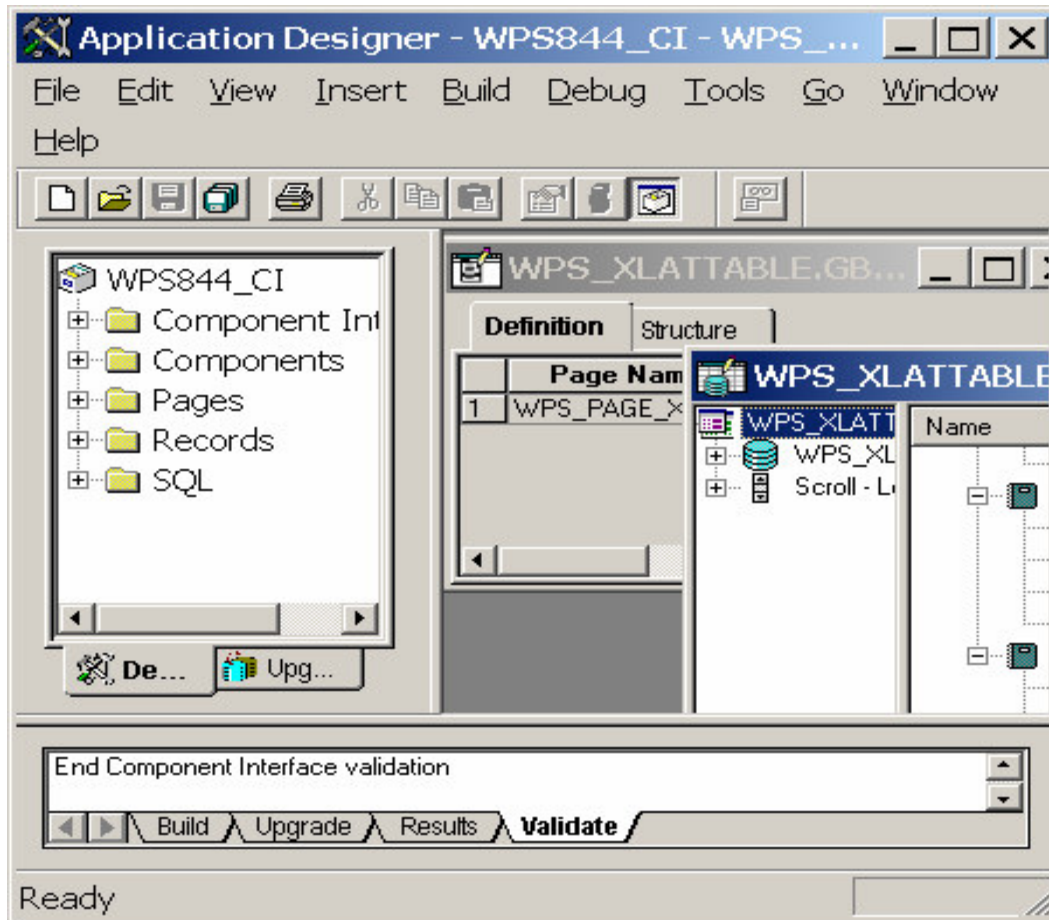
- When prompted to default the properties based on the underlying Component definition, click **Yes**



- Go to **File** → **Save**, enter *WPS_XLATTABLE_VW* in the Save Name As field, and then click the **OK** button



- Add the *WPS_XLATTABLE_VW* component interface to the *WPS844_CI* project by selecting the component interface window and pressing F7.



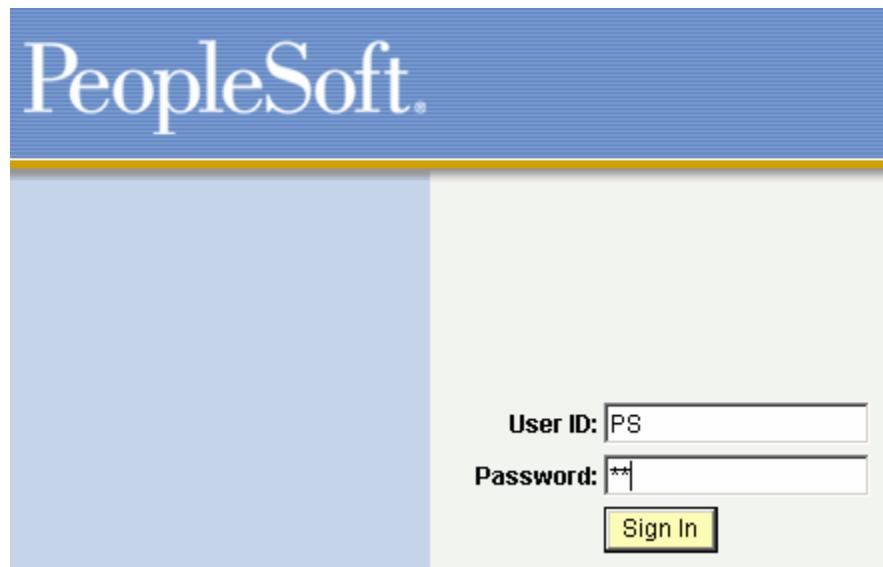
- Go to **File** → **Save All** to update the WPS844_CI project with the component and component interface changes you just finished.

Assign Permissions to the CI

Create a Permission List

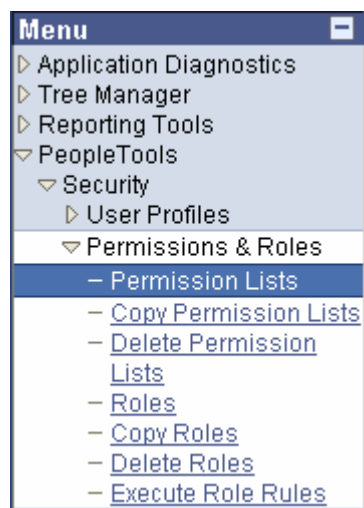
- Access the PeopleSoft 8 PIA⁵ on your PeopleSoft server using the Administrator account: PS/PS, and click the **Sign In** button.

⁵ PeopleSoft Internet Architecture



The image shows the PeopleSoft login interface. At the top is a blue header with the "PeopleSoft" logo in white. Below the header is a light blue vertical bar on the left and a light gray area on the right. In the gray area, there are two input fields: "User ID:" with the text "PS" and "Password:" with masked characters "**". Below these fields is a yellow "Sign In" button.

- In the tree view menu, select **PeopleTools** → **Security** → **Permissions & Roles** → **Permission Lists**



- In the Permission Lists panel, click the **Add a New Value** tab

Permission Lists
Enter any information you have and click Search. Leave fields blank for a list of all values.

[Find an Existing Value](#) [Add a New Value](#)

Search
by: begins with

[Advanced Search](#)

[Find an Existing Value](#) | [Add a New Value](#)

- In the **Permission List** field, enter *WPS_PERM*, and then click the **Add** button

Permission Lists

[Find an Existing Value](#) [Add a New Value](#)

Permission List:

[Find an Existing Value](#) | [Add a New Value](#)

- In the **Description** field, enter *WPS CI Permission* (optional)

[Sign-on Times](#) [Component Interfaces](#) [Message Monitor](#) [Web Libraries](#)

Permission List:

Description:

Permission List General

Navigator Homepage:

☐ Can Start Application Server?

☐ Allow Password to be Emailed?

Time-out Minutes

☒ Never Time-out

☐ Specific Time-out (minutes)

- Click on the **Component Interfaces** tab

Permission List: WPS_PERM
Description: WPS CI Permission

Component Interfaces Customize | Find | First 1 of 1 Last

Name	Edit
	Edit

- Enter *WPS_XLATTABLE_VW* in the **Name** field, and then click the **Edit** link

Permission List: WPS_PERM
Description: WPS CI Permission

Component Interfaces Customize | Find | First 1 of 1 Last

Name	Edit
WPS_XLATTABLE_VW	Edit

- Click the **Full Access (All)** button

Component Interface Permissions

WPS_XLATTABLE_VW

Component Interface Permission	
Method	*Method Access
Get	No Access
Create	No Access
Save	No Access
Cancel	No Access
Find	No Access

OK Cancel

Full Access (All)
No Access (All)

- Click the **OK** button

Component Interface Permissions

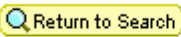
WPS_XLATTABLE_VW

Component Interface Permission	
Method	*Method Access
Get	Full Access
Create	Full Access
Save	Full Access
Cancel	Full Access
Find	Full Access

OK Cancel

Full Access (All)
No Access (All)

- Click the **Save** button

 Save  Return to Search

[Gene](#) [Save \(Alt+1\)](#) [PeopleTools](#) | [Process](#) | [Sign-on Times](#) |

Assign the Permission List to a Role

- In the tree view menu, select **PeopleTools** → **Security** → **Permissions & Roles** → **Roles**



- In the **begins with** field, enter EMPLOYEE, then click the **Search** button

A screenshot of the 'Roles' search page. The page has a title 'Roles' and a subtitle 'Enter any information you have and click Search. Leave fields blank for a'. There are two tabs: 'Find an Existing Value' (selected) and 'Add a New Value'. Below the tabs, there is a 'Search by:' section with a dropdown menu set to 'Role Name' and a text input field containing 'EMPLOYEE'. The text 'begins with' is displayed between the dropdown and the input field. There is a checkbox for 'Case Sensitive' which is unchecked. At the bottom, there is a 'Search' button and a link to 'Advanced Search'. At the very bottom, there are links for 'Find an Existing Value' and 'Add a New Value'.

- Select the **Permission Lists** tab

General **Permission Lists** Members Dynamic Members Wo

Role Name: Employee

*Description: [WF] Employee




Long Description

This Role is shared by the HR Product and the Portal and as a Workflow Role. Do not modify this role - Clone it to customize access for your specific system.

- Click the Plus (+) sign at the bottom of the page

[View Definition](#)  

- Enter *WPS_PERM* in the field, then click the **Magnifier** button

 [View Definition](#)  



- Under the Search Results, click the **WPS_PERM** field

Look Up Permission List

Search by: begins with

[Advanced Lookup](#)

Search Results

View All First  1 of 1  Last

Permission List	Description
WPS_PERM	WPS CI Permission

- Click the **Save** button

Role Name: Employee
Description: [WF] Employee

Permission Lists			
Customize Find View All First 2-9 of 38 Last			
Permission List	Description	View Definition	
HCCPGPSS03	GP Self Service Employee	View Definition	+ -
HCCPHR1100	Applicant and Requisition Info	View Definition	+ -
HCCPHR70FR	Profit-Sharing FRA (users)	View Definition	+ -
HCCPSS1000	Employee Career	View Definition	+ -
HCCPSS1020	Benefits-Employee	View Definition	+ -
HCCPSS1030	Compensation-Employee	View Definition	+ -
HCCPSS1035	Pay-Employee	View Definition	+ -
WPS_PERM	WPS CI Permission	View Definition	+ -

 Save  Return to Search

Testing the Component Interface

Test WPS_XLATTABLE_VW CI

- Log in to the PeopleTools 8.44 Application Designer, using the Administrator account⁶

⁶ User: PS, and password: PS

PeopleSoft Signon PeopleTools 8.44

Enter Signon Information Below:

Connection Type: DB2 UDB for Unix, NT

Database Name: HR88

User ID: PS

Password: xxx

OK
Cancel

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- Go to **File → Open**
 - Select **Component Interface** from the Definition field, enter **WPS_XLATTABLE_VW** in the Name field, then click the **Open** button

Open Definition X

Definition Component Interface

Selection Criteria

Name WPS_XLATTABLE_VW Owner ID All Owners

Description Type All

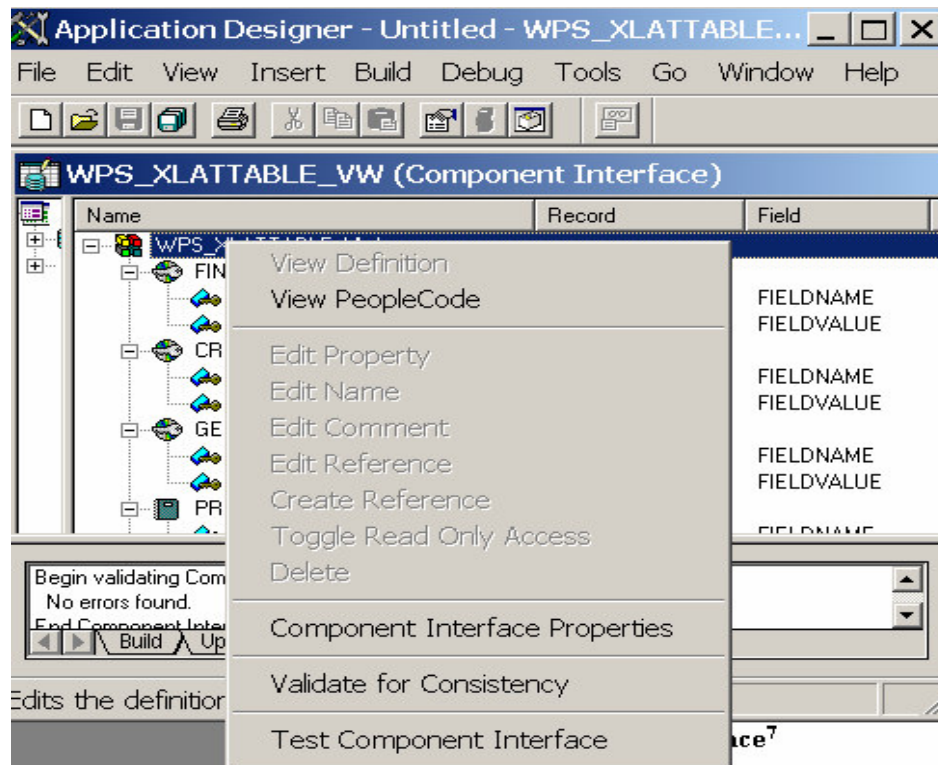
Project All Projects

Open
Cancel
New Search

Definitions matching selection criteria:

Name	Description

- Right click on the component interface, and then click the **Test Component Interface**⁷



⁷ When the Component Interface Tester window opens, it's in a minimized state. Just click the icon on the Windows taskbar to bring it up.

Component Interface Tester - Enter key values, c... [X]

'Get' keys for Component Interface (double-click to set)

FIELDNAME	
FIELDVALUE	

[Get Existing]

'Create' keys for Component Interface (double-click to set)

FIELDNAME	
FIELDVALUE	

[Create New]

'Find' keys for Component Interface (double-click to set)

FIELDNAME	
FIELDVALUE	

[Find]

☒ Interactive Mode (set properties immediately)
☐ Get History Items
☐ Edit History Items
☒ Get Dummy Rows

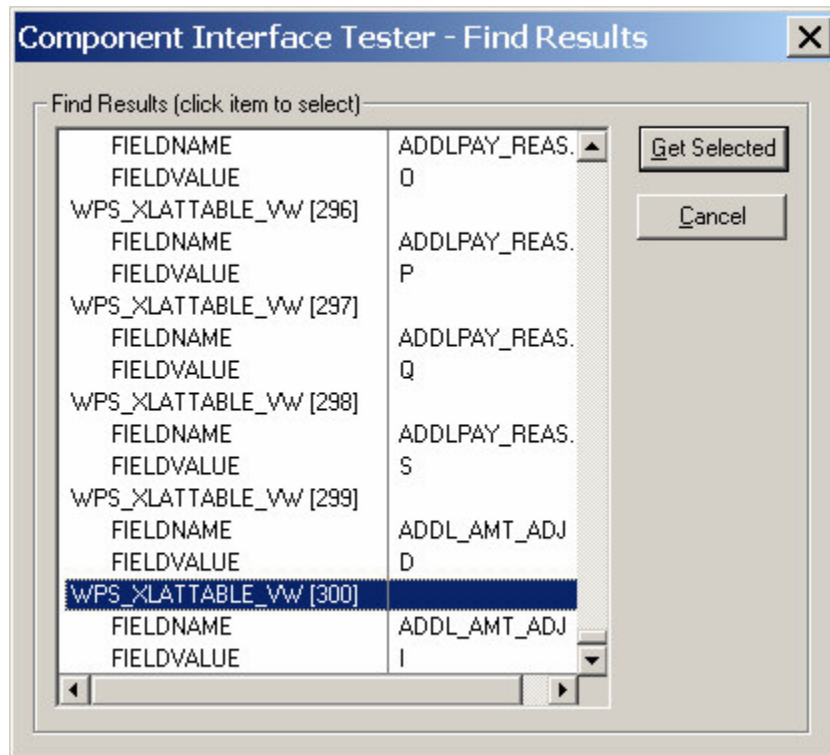
[Cancel]

- Click the **Find** button
 - Click OK when the following message box appears.

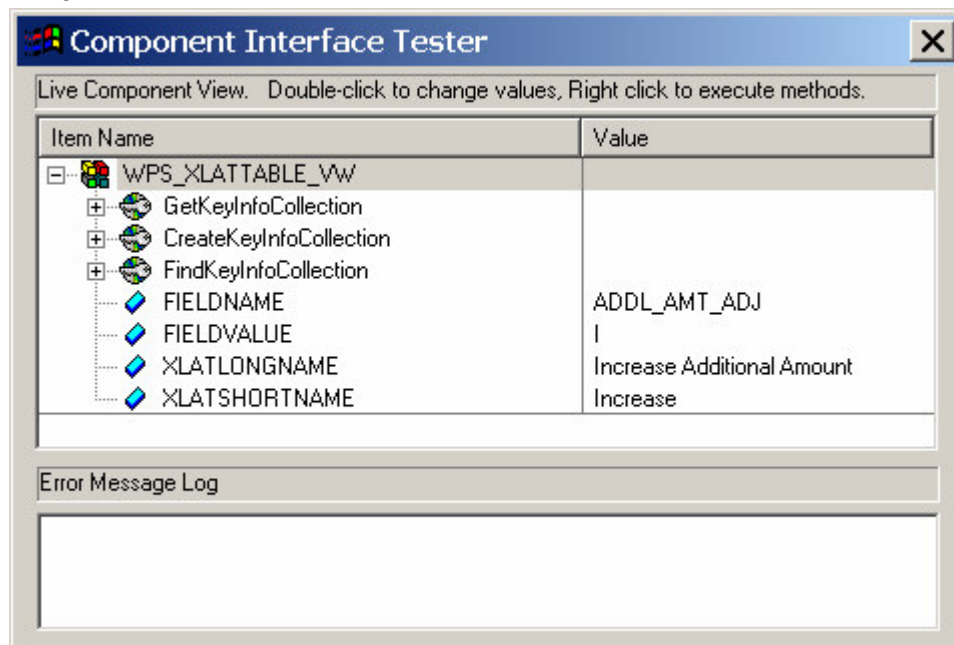
Component Interface Tester [X]

More instances of 'WPS_XLATTABLE_Vw' were found than can be returned. (91,66)

[OK] [Explain]



- After making a selection, click the **Get Selected** button
 - The following row for the selected value appears.
 -



- Close the Component Interface Tester when you are finished

