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PeopleSoft Spotlight Series

Developing Fluid Applications

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Developing Fluid Applications Topics



- ▶ Fluid User Interface Overview
- ▶ Understanding Fluid Application Development
- ▶ Creating Fluid Pages
- ▶ Creating and Registering Fluid Components
- ▶ Touching Up Fluid Applications
- ▶ Additional Resources

Developing Fluid Applications Topics



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What is the PeopleSoft Fluid User Interface?

The next evolutionary step for the PeopleSoft application user experience.

- Takes advantage of the latest web development standards (HTML5 and CSS3).
- Provides a flexible application that can be accessed from a variety of devices and display a suitable interface on multiple form factors.
- Is attractive, efficient, and offers the user experience today's workforce needs and expects.
- Is the direction of future PeopleSoft application development.
- Is the model for “classic plus” styling introduced in PeopleTools 8.56.

Taking Advantage of the PeopleSoft Fluid User Interface

- Implementing the PeopleSoft Fluid User Interface *isn't just* for customers on PeopleSoft 9.2 applications.
- If you are running PeopleSoft 9.2 applications, you can **deploy** the fluid applications delivered with your latest PUM image.
- If you are running PeopleSoft 9.2 **or** 9.1 applications, you can **develop** new, custom fluid applications.
- If you are running PeopleSoft 9.2 **or** 9.1 applications, you can also **convert** existing classic components and pages to become fluid applications. (See the Oracle red paper: *Converting Classic PIA Components to PeopleSoft Fluid User Interface (Doc ID 1984833.1)*.)

Prerequisites

This session assumes you have a working knowledge of:

- Application Designer.
- PeopleCode.
- The portal registry.
- Fluid homepages, tiles, and fluid application usage.

Developing Fluid Applications Topics



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Tools and Technology Used to Build Fluid Applications

Developers use the same tools as with classic applications!

PeopleTools:

- Application Designer.
- PeopleCode.

Web development technologies:

- CSS3 and the “flexbox” model.
- HTML5.
- JavaScript.

Reviewing the Eight Steps of PeopleSoft Application Development

Fluid developers use the same steps!

1. Design the application.
2. Create fields.
3. Create record definitions.
4. Build SQL tables.
5. Create pages.
6. Create components.
7. Register components.
8. Test the application.

Using Application Designer for Fluid Application Development

Comparing Usage to Classic Application Development

	Layout Approach	Tab Ordering	Applying Styles
Classic	Pixel-perfect, manual layout. (WYWISWG)	Controlled by Order tab for the page definition.	Fixed form typically, selected from various drop-downs in the page field properties dialog box.
Fluid	Create structure. CSS controls what you see.	Controlled by the structure's rendering order.	Free form only, entered on the Fluid tab.

Previewing the Session Activity

My Homepage General Profile... New Window | Help | Personalize Page

General Profile Information

[PS] Peoplesoft Superuser

Password

[Change password](#)
[Change or set up forgotten password help](#)

Personalizations

My preferred language for PIA web pages is: English

My preferred language for reports and email is: English

Currency Code: [input] [search]

Default Mobile Page: [input] [search]

Alternate User

If you will be temporarily unavailable, you can select an alternate user to receive your routings.

Alternate User ID: [input] [search]

From Date: [input] [calendar] (example: 12/31/2000)

To Date: [input] [calendar] (example: 12/31/2000)

Workflow Attributes

Email User Worklist User

Miscellaneous User Links

Email			
Primary Email Account	Email Type	Email Address	
<input checked="" type="checkbox"/>	Business	[input]	[+/-]

IM Information			
Protocol	XMPP Domain	UserID	Password
XMPP	[input]	[input]	[input]



Converting Classic to Fluid

My Homepage My System Profile [PS] Peoplesoft Superuser

Password

[Change password](#)
[Change or set up forgotten password help](#)

Personalizations

My preferred language for PIA web pages is:

You are currently logged in using English

My preferred language for reports and email is: English

Currency Code: USD

Default Mobile Page: [input] [search]

Alternate User

If you will be temporarily unavailable, you can select an alternate user to receive your routings.

Alternate User ID: [input] [search]

From Date: MM/DD/YYYY [calendar]

To Date: MM/DD/YYYY [calendar]

Workflow Attributes

Email User: Yes

Worklist User: Yes

Miscellaneous User Links

Email			
Primary Email Account	Email Type	Email Address	
<input checked="" type="checkbox"/>	[input]	[input]	[+/-]

IM Information



Developing Fluid Applications Topics

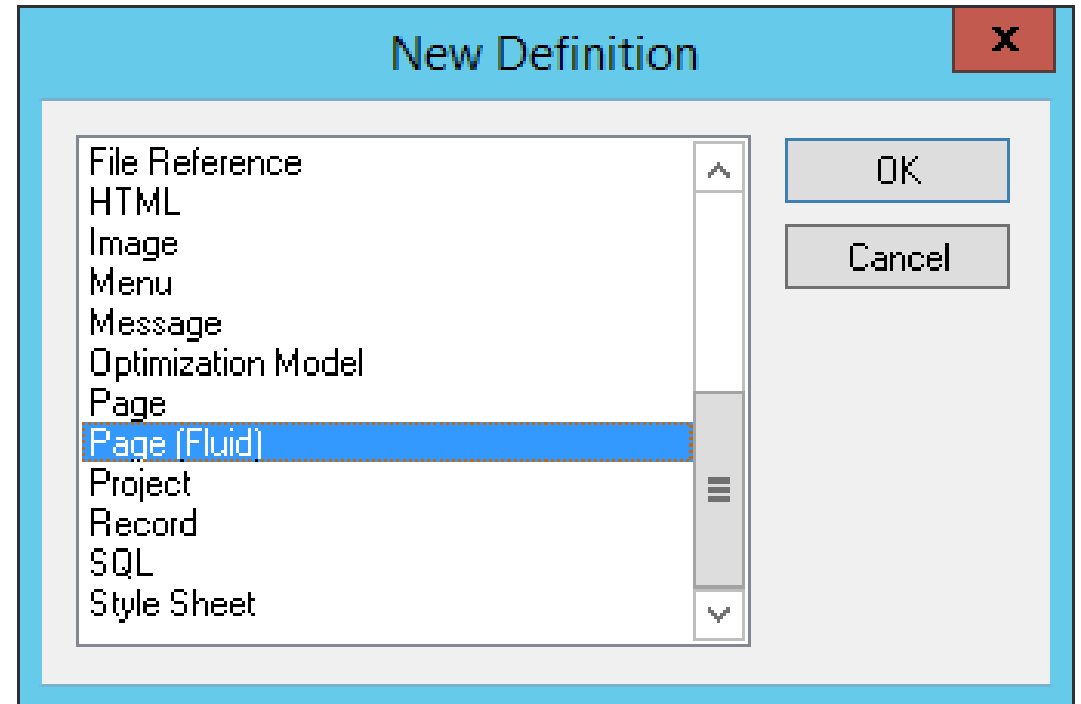


- ▶ Fluid User Interface Overview
- ▶ Understanding Fluid Application Development
- ▶ **Creating Fluid Pages**
- ▶ Creating and Registering Fluid Components
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Creating a Fluid Page Definition

To create a fluid page:

1. In Application Designer, select File > New.
2. Select *Page (Fluid)*.



Using Predefined Layout Pages

Choose Layout Page

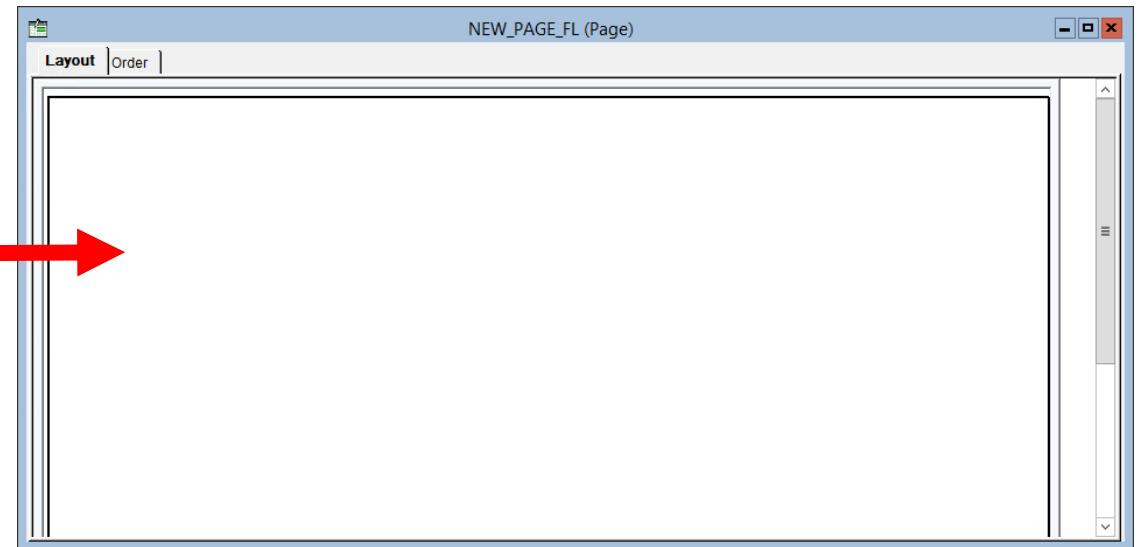
Definition: Page

Selection Criteria:
Name: PSL_APPS_CONTENT Project: All Projects
Description:
Type: Layout Page

Definitions matching selection criteria:

Name	Type	Description
PSL_2BY2	Layout P...	4 groups in 2 by 2 layout
PSL_2COLUMN_FLOAT	Layout P...	2 Column Layout Page
PSL_APPS_CONTENT	Layout P...	Default Layout Page
PSL_BOUNDED_BOX	Layout P...	Default Layout Page
PSL_CONTENT_TITLE	Layout P...	Main Transaction Section
PSL_FILTER_RESULTS	Layout P...	2 Column Layout Page
PSL_PANEL_CONTENT	Layout P...	Side Panel - Style only
PSL_PANEL_NAV	Layout P...	Side Panel - Navigation
PSL_SIMPLE_SBP	Layout P...	Default Layout Page

17 definition(s) found



Understanding Flexible Box Layout (Flexbox)

Flexible, Dynamic Layout

Per the W3C:

In the flex layout model, the children of a flex container can be laid out in any direction, and can “flex” their sizes, either growing to fill unused space or shrinking to avoid overflowing the parent. Both horizontal and vertical alignment of the children can be easily manipulated.

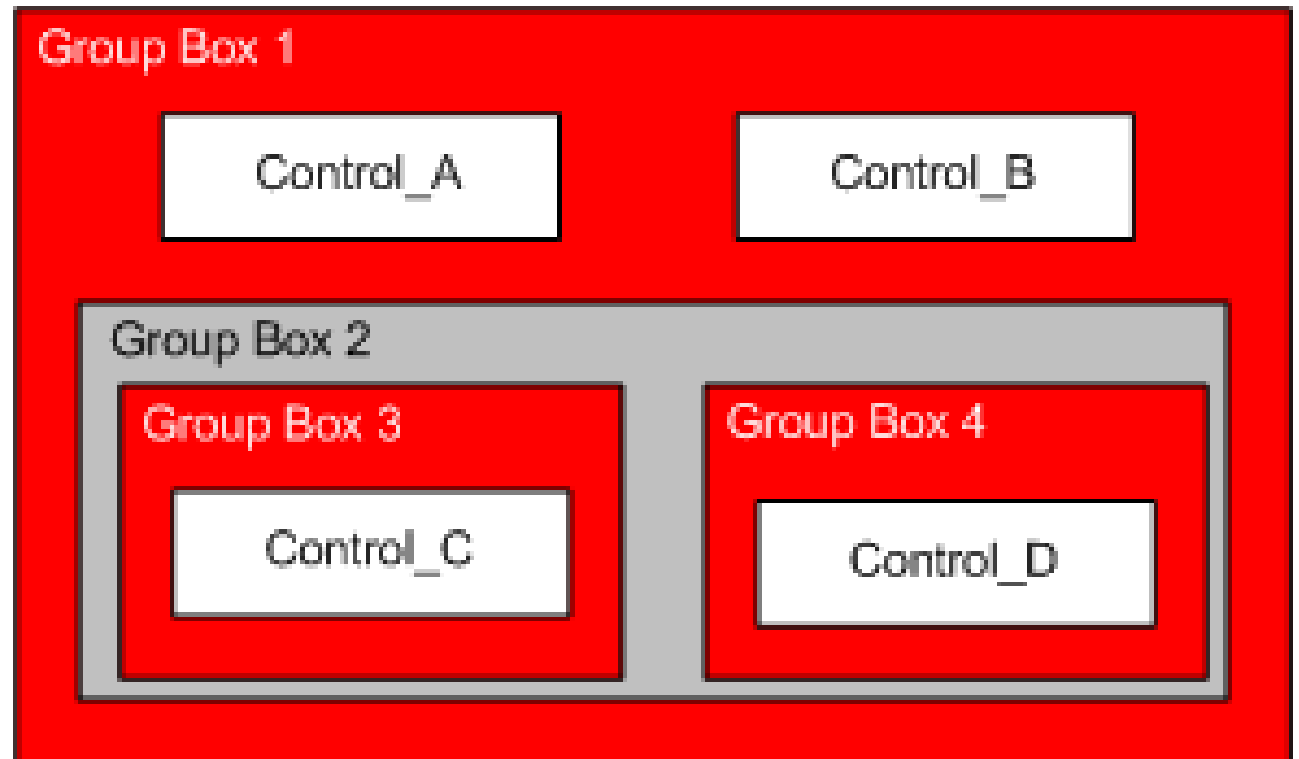
See <http://www.w3.org/TR/css-flexbox-1/> for the specification.

Using Group Boxes on Fluid Pages

More than a Visual Cue

PeopleTools uses group boxes to:

- Create layout containers for page content.
- Render HTML <div> tags for the containers.
- Enable CSS to be applied to discrete containers.

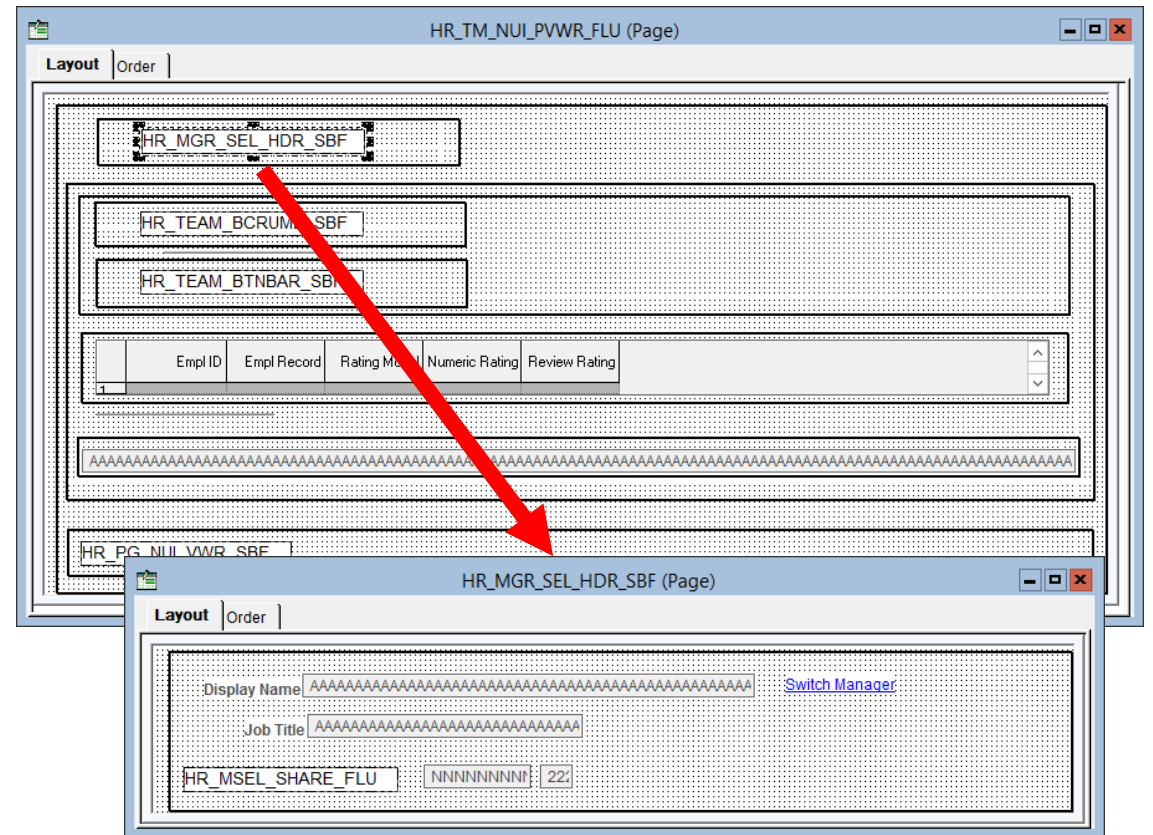


Using Subpages

Modular development

You will often see subpages used to hold fluid page content. Subpages:

- Reduce clutter on the main page.
- Group related fields into separate entities.
- Logically separate business logic.



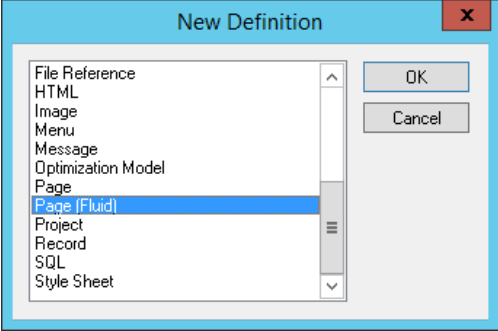
Working with Fluid Page Properties

The screenshot shows the 'Page Properties' dialog box with the 'Fluid' tab selected. The 'Page Type' is set to 'Standard Page'. Under 'Page Size', 'Custom size' is selected with a width of 570 and a height of 600. Under 'Style', both 'Page Style Sheet' and 'Page Background' are set to '*** Use Default Style ***'. At the bottom, the 'Fluid Page' checkbox is checked and circled in red. Other options include 'Allow Deferred Processing', 'Adjust Layout for Hidden Fields', 'Disable Display in Modal Window When Not Launched by DoModal Peoplecode', and a 'Popup Menu' dropdown.

The screenshot shows the 'Page Properties' dialog box with the 'Fluid' tab selected. The 'Application-Specific Styles' section is visible, containing a 'Style Classes' list box and a 'Form Factor Style Class Override' section with input fields for 'Small', 'Medium', 'Large', and 'Extra Large'. A 'Suppress System-Specific Style Classes' checkbox is also present. The 'OK' and 'Cancel' buttons are at the bottom right.

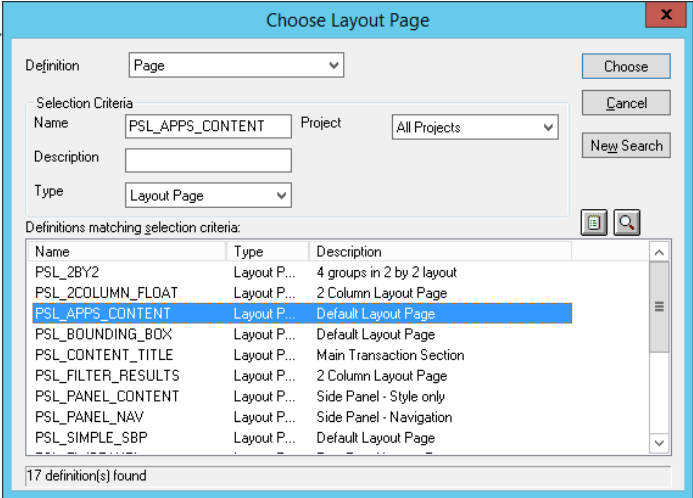
Online Demo 1: Creating a Fluid Page

1



The 'New Definition' dialog box shows a list of definition types. 'Page (Fluid)' is selected and highlighted in blue. Other options include File Reference, HTML, Image, Menu, Message, Optimization Model, Page, Project, Record, SQL, and Style Sheet. 'OK' and 'Cancel' buttons are visible.

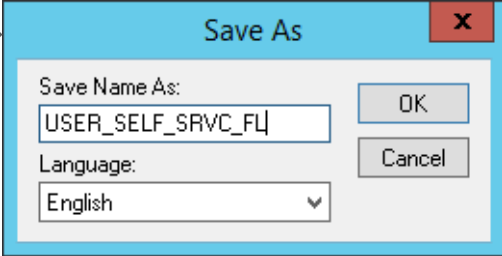
2



The 'Choose Layout Page' dialog box shows selection criteria. 'Definition' is set to 'Page', 'Name' is 'PSL_APPS_CONTENT', and 'Project' is 'All Projects'. The 'Type' is 'Layout Page'. A table lists 17 definitions matching the criteria, with 'PSL_APPS_CONTENT' selected.

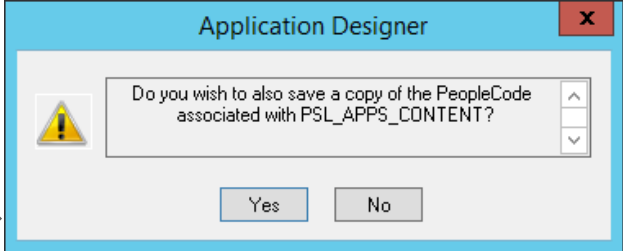
Name	Type	Description
PSL_2BY2	Layout P...	4 groups in 2 by 2 layout
PSL_2COLUMN_FLOAT	Layout P...	2 Column Layout Page
PSL_APPS_CONTENT	Layout P...	Default Layout Page
PSL_BOUNDING_BOX	Layout P...	Default Layout Page
PSL_CONTENT_TITLE	Layout P...	Main Transaction Section
PSL_FILTER_RESULTS	Layout P...	2 Column Layout Page
PSL_PANEL_CONTENT	Layout P...	Side Panel - Style only
PSL_PANEL_NAV	Layout P...	Side Panel - Navigation
PSL_SIMPLE_SBP	Layout P...	Default Layout Page

3



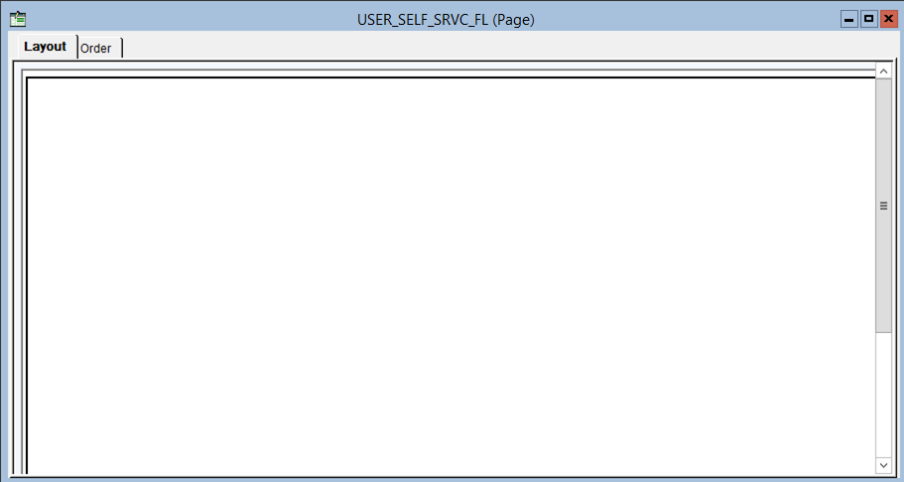
The 'Save As' dialog box shows 'Save Name As:' set to 'USER_SELF_SRVC_FL' and 'Language:' set to 'English'. 'OK' and 'Cancel' buttons are visible.

4



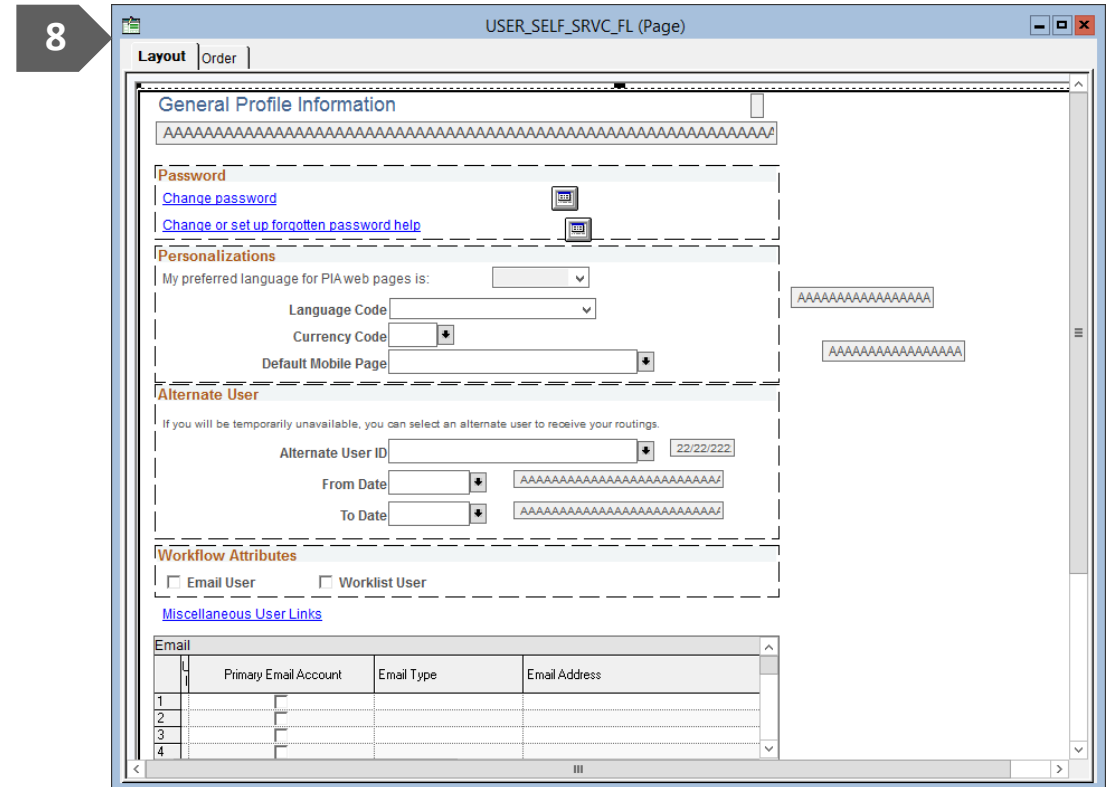
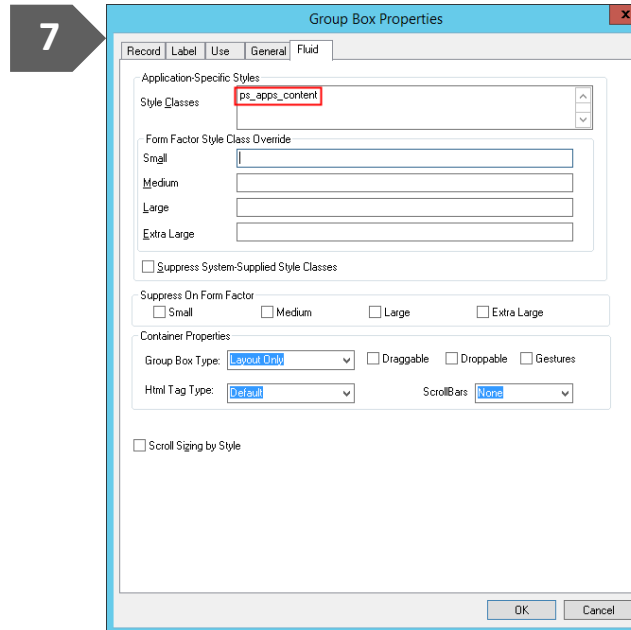
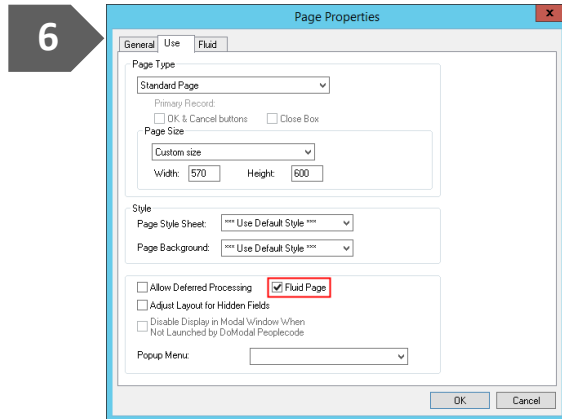
The 'Application Designer' dialog box asks: 'Do you wish to also save a copy of the PeopleCode associated with PSL_APPS_CONTENT?'. 'Yes' and 'No' buttons are visible.

5



The 'USER_SELF_SRVC_FL (Page)' window shows a blank layout area with 'Layout' and 'Order' tabs. The window title bar includes standard OS controls.

Online Demo 1: Creating a Fluid Page (cont.)



Developing Fluid Applications Topics

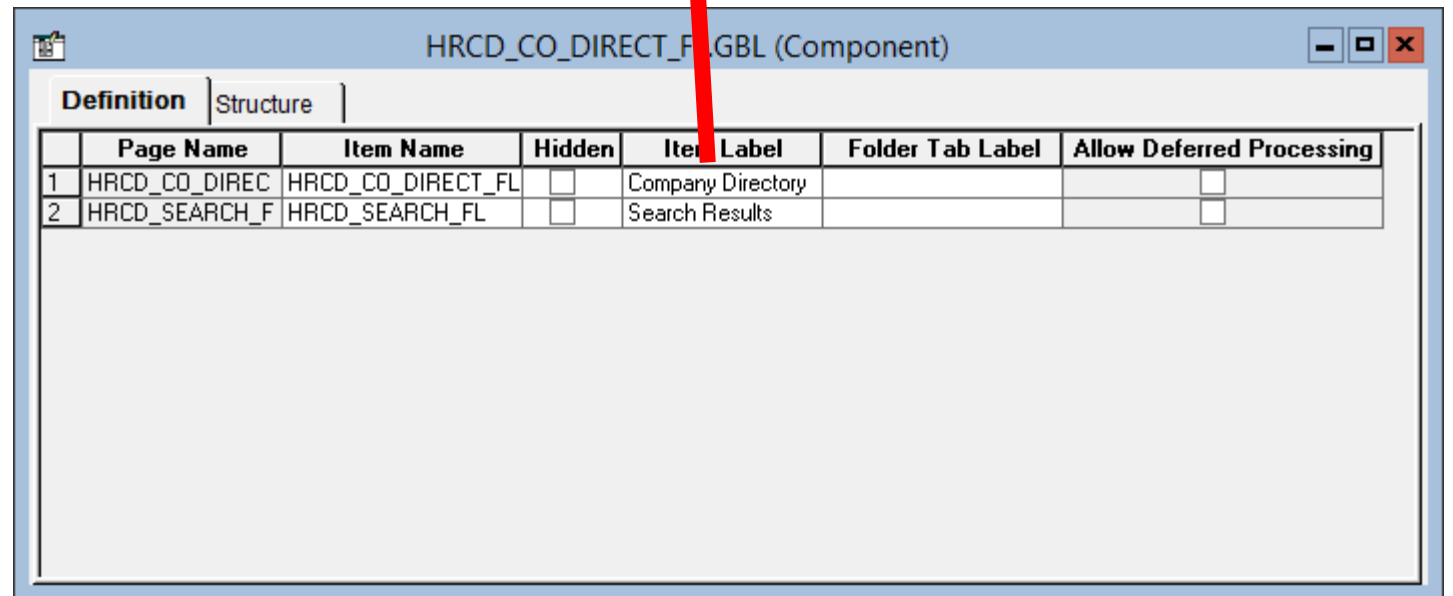


- ▶ Fluid User Interface Overview
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Working with Fluid Components

Fluid components:

- Contain one or more fluid pages.
- Include additional custom pages.
- Define fluid banner options.



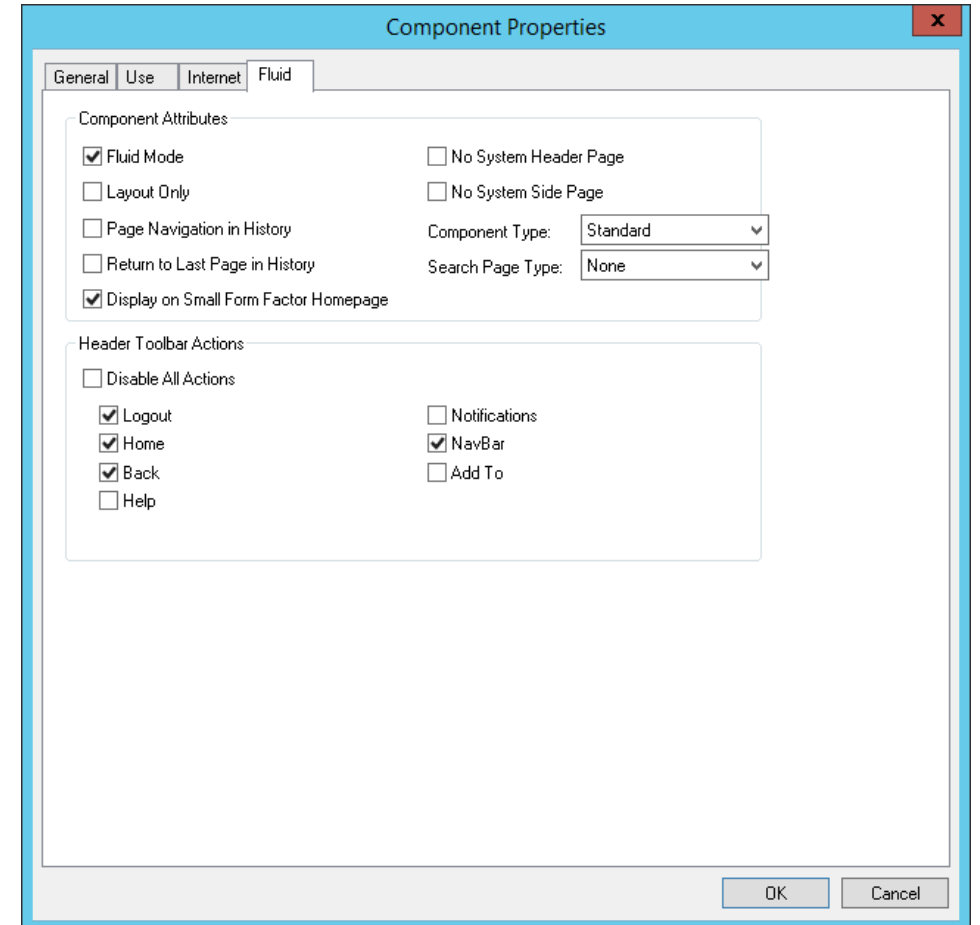
A screenshot of the 'Definition' tab in the 'Structure' view of a fluid component. The window title is 'HRCD_CO_DIRECT_F_GBL (Component)'. The table below shows the definition of the component's pages.

	Page Name	Item Name	Hidden	Item Label	Folder Tab Label	Allow Deferred Processing
1	HRCD_CO_DIREC	HRCD_CO_DIRECT_FL	<input type="checkbox"/>	Company Directory		<input type="checkbox"/>
2	HRCD_SEARCH_F	HRCD_SEARCH_FL	<input type="checkbox"/>	Search Results		<input type="checkbox"/>

Setting Fluid Component Properties

Fluid components:

- Set component attributes, such as Fluid Mode.
- Specify whether the component will be available on smart phones (Display on Small Form Factor Homepage).
- Specify the component search page type.
- Set fluid banner features, such as the NavBar, Back button, and others.



Setting the Viewport

Set the viewport for each fluid component.

- Doing so ensures that your fluid application operates properly across device types.
- Import `PT_PAGE_UTILS:Utils` into a component PostBuild PeopleCode program.
- Invoke the `SetDefaultViewport` method, which is the recommended approach:

```
import PT_PAGE_UTILS:Utils;  
(create PT_PAGE_UTILS:Utils()).SetDefaultViewport();
```

Registering a Fluid Component

When registering fluid components, keep these items in mind in the registration wizard:

- Add the fluid component to the portal registry, a menu, and a permission list.
- Select *Target Content* for the access type.
- The folder name should be a subfolder within the Fluid Pages content reference folder.
- Specify a user-friendly label and description.

Registering a Fluid Component (cont.)

Registration Wizard - Create Content Reference

Create a new content reference for this component, and add it to a portal registry folder by filling in the fields below:

Will this component be accessed as target content or as a homepage pagelet?
 Target Content Homepage Pagelet

Portal Name: EMPLOYEE

Folder Name: OTHER_APPS

Content Reference Name: USERMAINT_SELF_FLU_GBL

Content Reference Label: My System Profile

Long Description (254 Character): My System Profile (fluid version)

Sequence Number: 1 Product: PPT

Template Name: DEFAULT_TEMPLATE

Object Owner Id: PPT - PeopleTools

Node Name: HRMS

Always use default local node?

Enter the base URI to be used when you click the "Open Selected" buttons. Example: http://localhost/ps/ps/
"Open" URI Base: http://localhost/ps/ps/

< Back Next > Cancel

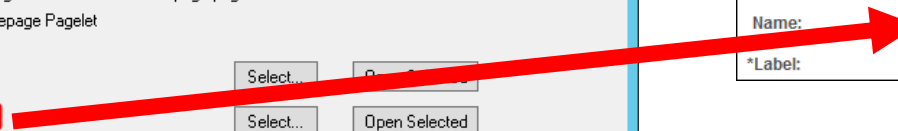
Folder Administration Folder Security

Root > Fluid Structure Content > Fluid Pages > Other Applications

Folder Administration

Name: OTHER_APPS Parent Folder: Fluid Pages

*Label: Other Applications



Verifying Fluid Component Content Reference

To confirm fluid component registration:

- Locate the content reference definition in the portal registry.
- View the item in the Add Tile dialog box.

[Root](#) > [Fluid Structure Content](#) > [Fluid Pages](#) > Other Applications

Structure and Content

* Click the folder label to view the child folders and content references for that folder

* Click the "Edit" link to edit the folder definition

▼ **Folders** Personalize | Find | View All | | First 1 of 1 Last

Add Folder

* Click the "Edit" link to edit the content reference definition

▼ **Content References** Personalize | Find | View All | | First 1-2 of 2 Last

Link	Node Name	Label	Edit	Sequence number	Create Link	Number of links	
<input type="checkbox"/>	QEDMO	My System Profile	Edit	1	Create Link	0	[-]
<input type="checkbox"/>	QEDMO	General Information	Edit	100	Create Link	0	[-]

Add Tile x

Search

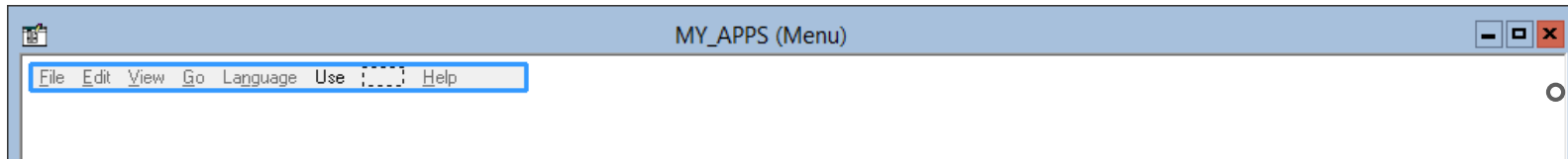
← **Other Applications**

My System Profile

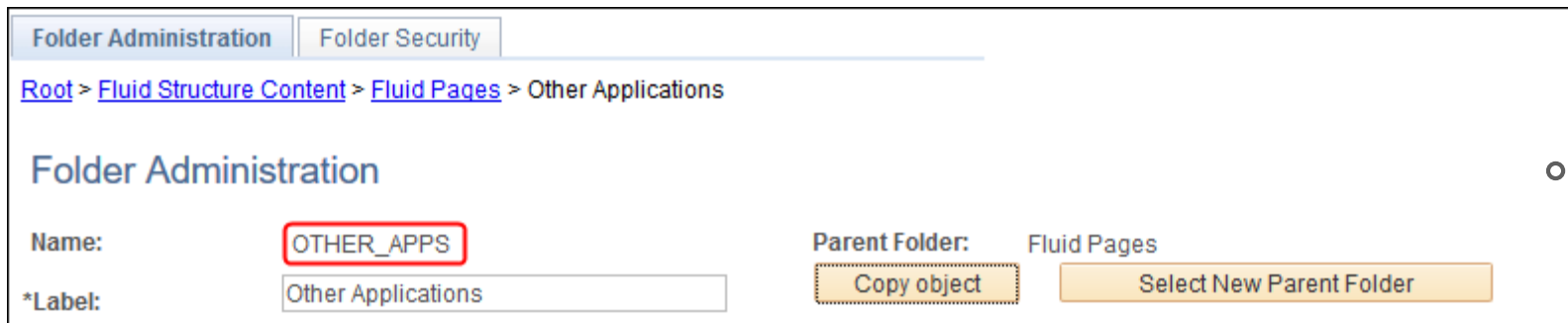
General Information

Tile is optimized for small form factor

Definitions Created Offline



Menu created
in Application
Designer



Folder created
in the portal
registry

Online Demo 2: Creating and Registering a Fluid Component

1

2

	Page Name	Item Name	Hidden	Item Label	Folder Tab Label	Allow Deferred Processing
1	USER_SELF_SRVC	USER_SELF_SRVC_FL	<input type="checkbox"/>	My System Profile		<input type="checkbox"/>

5

```
import PT_PAGE_UTILS:Utils;

Declare Function GetUserDescr PeopleCode FUNCLIB_PTSEC.OPRID FieldFormula:

(create PT_PAGE_UTILS:Utils()).SetDefaultViewport();

rem Set Name:
PSUSRPRFL_WRK.TEXT254 = PSOPRDEFN_SRCH.OPRDEFNDESC;
rem If no description, try GetUserDescr function:
if None(PSUSRPRFL_WRK.TEXT254) Then
  PSUSRPRFL_WRK.TEXT254 = GetUserDescr(%UserId);
End-If;
rem As a last resort use UserID:
if None(PSUSRPRFL_WRK.TEXT254) Then
  PSUSRPRFL_WRK.TEXT254 = %UserId;
End-If;

rem language preference:
PSUSRPRFL_WRK.LANGUAGE_CD = %Language;
SetLabel(PSOPRDEFN.EMAILID, %GetText(48, 64, "Message not found"));
PSUSRPRFL_WRK.LANGUAGE_CD = %Language;
SetLabel(PSUSRPRFL_WRK.LANGUAGE_CD, %GetText(48, 80, "Message not found"));
SetLabel(PSOPRDEFN.LANGUAGE_CD, %GetText(48, 81, "Message not found."));
```

3

4

Component Properties

General Use Internet Fluid Style

Component Attributes:

- Fluid Mode
- Layout Only
- Page Navigation in History
- Return to Last Page in History
- Display on Small Form Factor Homepage
- No System Header Page
- No System Side Page
- Component Type: Standard
- Search Page Type: None

Header Toolbar Actions:

- Disable All Actions
- Logout
- Home
- Back
- Help
- Notifications
- NavBar
- Add To

OK Cancel

Online Demo 2: Creating and Registering a Fluid Component (cont.)

6

Registration Wizard - Create Content Reference

Create a new content reference for this component, and add it to a portal registry folder by filling in the fields below.

Will this component be accessed as target content or as a homepage pagelet?
 Target Content Homepage Pagelet

Portal Name: EMPLOYEE

Folder Name: OTHER_APPS

Content Reference Name: USERMAINT_SELF_FL_GBL

Content Reference Label: My System Profile

Long Description (254 Character): My System Profile (fluid version)

Sequence Number: 2 Product:

Template Name: DEFAULT_TEMPLATE

Object Owner Id: PPT - PeopleTools

Node Name: QEDMO

Always use default local node?

Enter the base URI to be used when you click the "Open Selected" buttons. Example: http://localhost/psp/ps/
"Open" URI Base: http://localhost/psp/ps/

7

Content References		Personalize	Find	View All	First	1-2 of 2	Last
Link	Node Name	Label	Edit	Sequence number	Create Link	Number of links	
<input type="checkbox"/>	QEDMO	My System Profile	Edit	1	Create Link	0	
<input type="checkbox"/>	QEDMO	General Information	Edit	100	Create Link	0	

8

Add Title

Search

Other Applications

- My System Profile**
- General Information



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- ▶ Additional Resources

Touching Up Fluid Applications

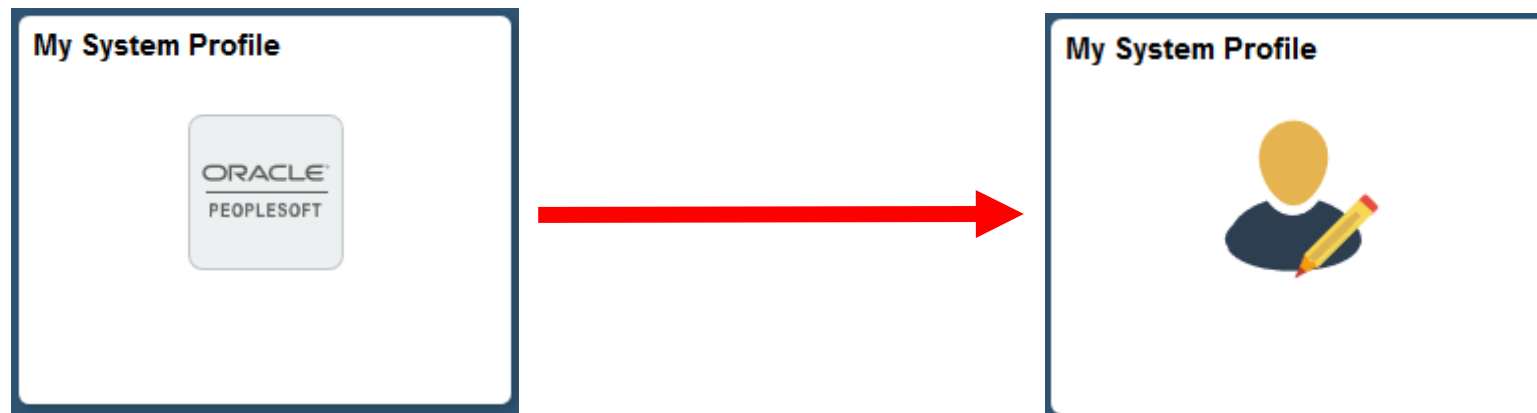
Clean up tasks:

- Tile image.
 - Static text page title.
 - Grid layout type.
 - Save button.
 - Block elements.
- CSS styling.
 - Nested block structure.
 - Unsupported page controls and features.

Changing the Tile's Appearance

The tile is typically the first element a user sees when accessing a fluid application. It should:

- Be labeled intuitively.
- Use graphical characteristics to aid in quick identification.



Changing the Tile's Appearance (cont.)

The content reference's Fluid Attributes page allows you to update the tile's appearance:

General Security **Fluid Attributes**

[Root](#) > [Fluid Structure Content](#) > [Fluid Pages](#) > [Other Applications](#) >

Tile Information

Image Name Interactive

Display In Disable Main Hotspot

Height Autosize

Width Resizable

Refresh Timer Event Name

Dynamic Tile Content

URL Type

Tile Repository

Select a folder below to create a link to the Tile Repository. If the folder selection is disabled, this Tile is already available in the Tile Repository.

Folder OTHER_APPS

Folder Label Other Applications

Include In Repository

- Homepage
- Dashboard
- NavBar

Online Demo 3: Touching Up the Converted Fluid Application (Tile Image)



2

General Security Fluid Attributes

Root > Fluid Structure Content > Fluid Pages > Other Applications >

Content Ref Administration

Name USERMAINT_SELF_FL_GBL CreatedBy QEDMO

*Label My System Profile Parent Folder Other Applications Copy object

Select New Parent Folder

Long Description My System Profile (fluid version) (254 Characters)

Product PPT

Sequence number 2 *Valid from date 04/11/2018 Valid to date

Owner ID PPT PeopleTools

Usage Type Target Creation Date 04/11/2018

Storage Type Remote by URL

WSRP Producing
 No Template
 Fluid Mode
 Display on Small Form Factor

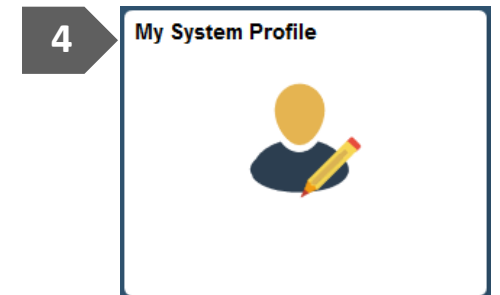
3

General Security Fluid Attributes

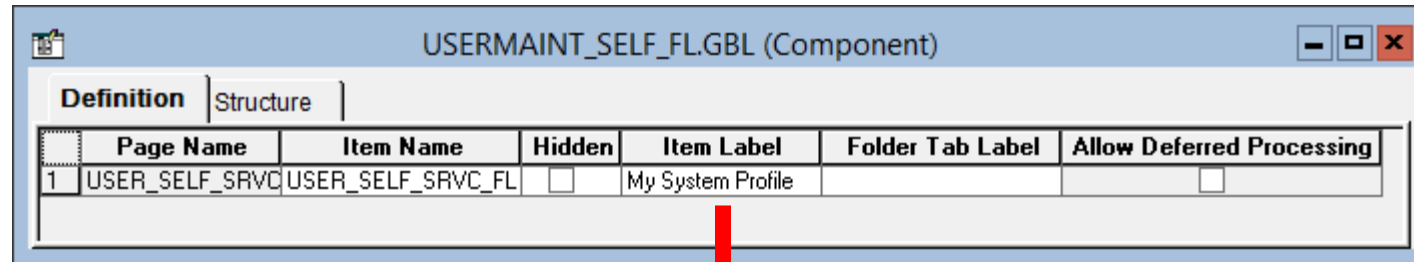
Root > Fluid Structure Content > Fluid Pages > Other Applications >

Tile Information

Image Name PS_PERSONAL_DETAILS_L_FL Interactive



Removing the Static Text Page Title



	Page Name	Item Name	Hidden	Item Label	Folder Tab Label	Allow Deferred Processing
1	USER_SELF_SRVC	USER_SELF_SRVC_FL	<input type="checkbox"/>	My System Profile		<input type="checkbox"/>



< My Homepage **My System Profile** 🔍 ⋮ 📌

~~General Profile Information~~

Kenneth Schumacher

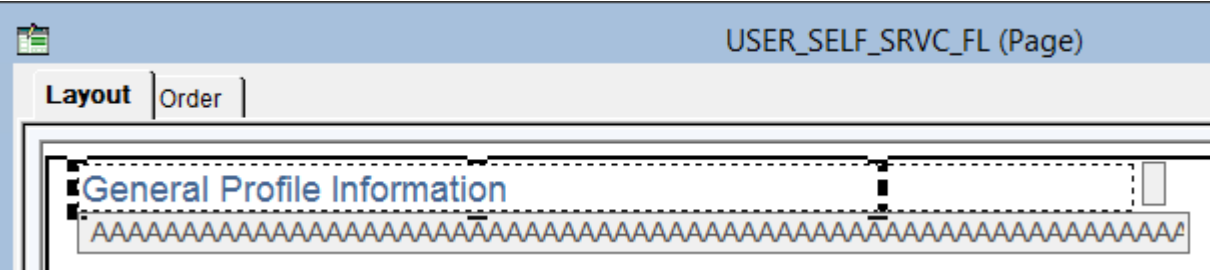
Password

[Change password](#) [Change or set up forgotten password help](#)

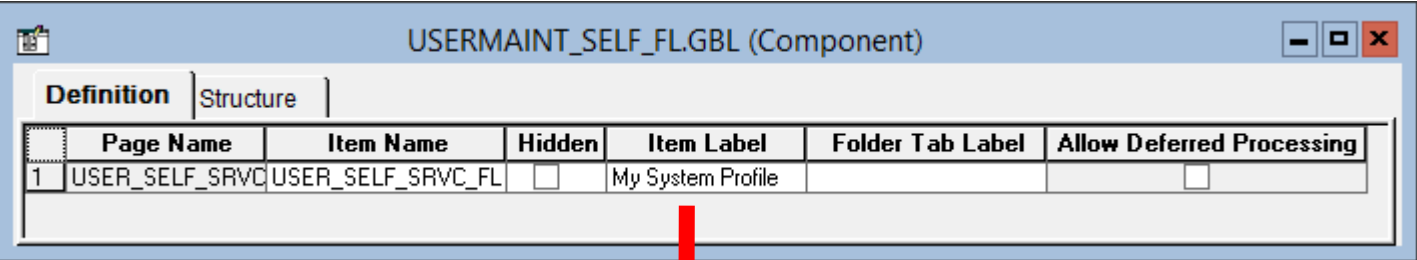
Personalizations

Online Demo 4: Touching Up the Converted Fluid Application (Page Title)

1

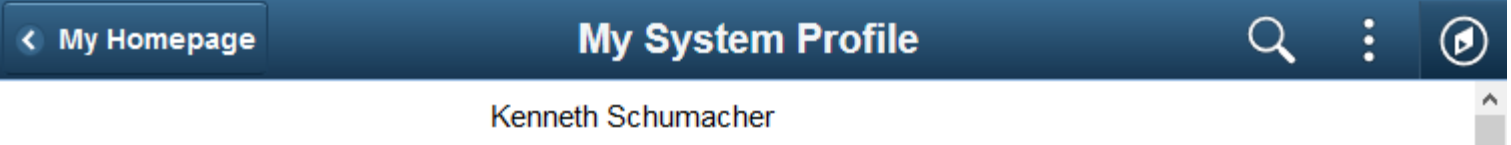


2



	Page Name	Item Name	Hidden	Item Label	Folder Tab Label	Allow Deferred Processing
1	USER_SELF_SRVC	USER_SELF_SRVC_FL	<input type="checkbox"/>	My System Profile		<input type="checkbox"/>

3



My Homepage **My System Profile** 🔍 ☰ ↻

Kenneth Schumacher

Updating the Grid Layout Type

To update the grids on your fluid page:

1. Open Grid Properties dialog box.
2. On the Use tab, select a fluid grid layout type.

Email

Primary Email Account	Email Type	Email Address	1 row	
<input type="checkbox"/>	Business	<input type="text"/>	+	-

IM Information

Protocol	XMPP Domain	UserID	Password	1 row	
XMPP	<input type="text"/>	<input type="text"/>	<input type="text"/>	+	-

Grid Style

Grid Layout: **Classic Grid Layout**

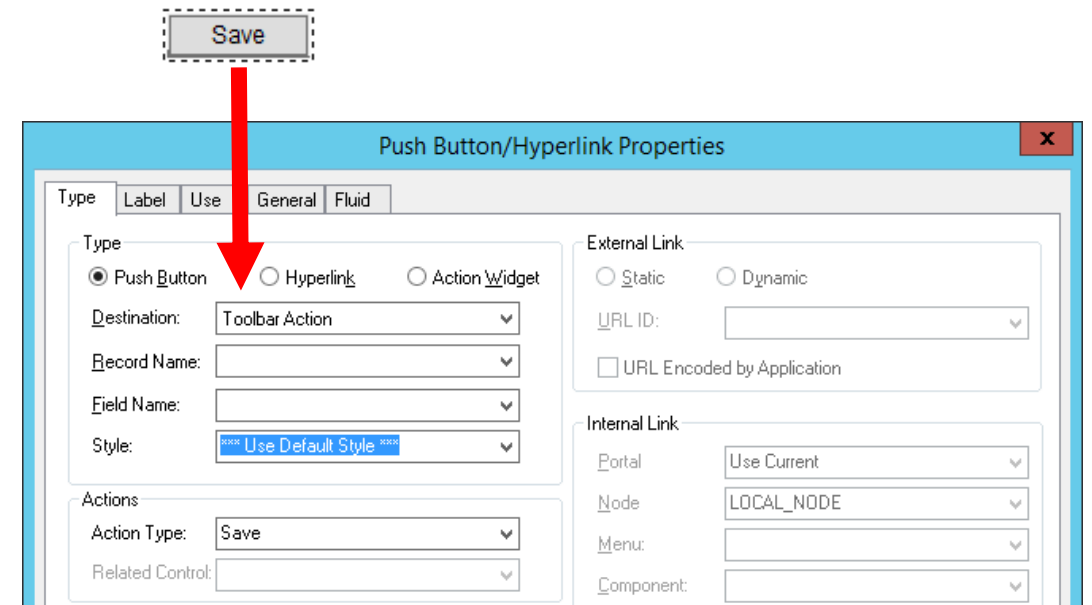
Rows to show in Scrollable Area: 1

- Classic Grid Layout
- Classic Scrollable Grid Layout
- List Grid Layout (Unordered)
- Data Grid Layout
- Div Grid Layout
- Flex Grid Layout**
- Classic List Grid Layout (Unordered)
- Classic List Grid Layout (Ordered)
- Classic Presentation Grid Layout
- List Grid Layout (Ordered)

Adding a Save Button

Because fluid pages do not use the classic page navigation and toolbar settings of the component's Internet tab, you:

- Must add required buttons manually.
- Can create a footer page containing buttons for all pages in a component.



Online Demo 5: Touching Up the Converted Fluid Application (Grids and Save Button)

1 **Email**

Primary Email Account	Email Type	Email Address		
<input type="checkbox"/> No	<input type="text"/>	<input type="text"/>	<input data-bbox="930 506 968 535" type="button" value="+"/>	<input data-bbox="1006 506 1044 535" type="button" value="-"/>

2 **Grid Style**

Grid Layout:

Rows to show in Scroll:

- Classic Grid Layout
- Classic Scrollable Grid Layout
- List Grid Layout (Unordered)
- Data Grid Layout
- Div Grid Layout
- Flex Grid Layout
- Classic List Grid Layout (Unordered)
- Classic List Grid Layout (Ordered)
- Classic Presentation Grid Layout
- List Grid Layout (Ordered)

3 **Control Structure**

Basic Advanced

4 **Email** 1 row

Primary Email Account	Email Type	Email Address		
<input type="checkbox"/>	<input type="text"/>	<input type="text"/>	<input data-bbox="955 763 993 792" type="button" value="+"/>	<input data-bbox="1006 763 1044 792" type="button" value="-"/>

5

Type: Push Button Hyperlink Action Widget

Destination:

Record Name:

Field Name:

Style:

Actions

Action Type:

Related Control:

6 **IM Information** 1 row

Protocol	XMPP Domain	UserID	Password		
XMPP	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input data-bbox="2102 1092 2140 1120" type="button" value="+"/>	<input data-bbox="2153 1092 2191 1120" type="button" value="-"/>

Working with Inline and Block Elements

- Inline elements flow similar to text and generally assume a position on the same line, depending on the form factor.
- Placing a layout group box around inline elements makes them block elements, by default.
- Block elements can also be positioned according to the styles applied to the layout group box (for example, in columns). Without styling, the default position of blocks is one below the other.

Password

[Change password](#) [Change or set up forgotten password help](#)

Online Demo 6: Touching Up the Converted Fluid Application (Block Elements)

1

Password

[Change password](#) [Change or set up forgotten password help](#)

2

Password

Group Box

[Change password](#)



Group Box

[Change or set up forgotten password help](#)



3

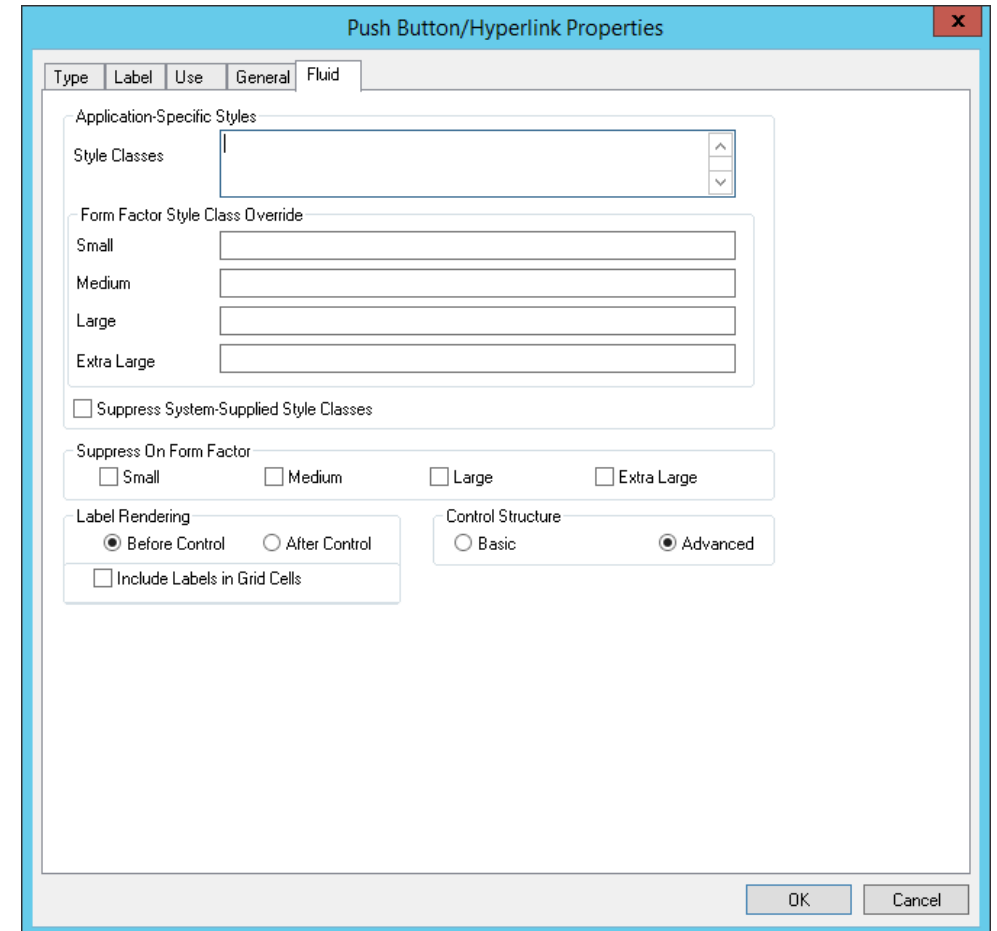
Password

[Change password](#)

[Change or set up forgotten password help](#)

Modifying Styles

- Use the Application-Specific Styles group box to extend or override the system default styles applied.
- Use the Suppress System-Specific Style Classes check box to specify whether these styles extend or override.
- Use form factor-specific properties to override or suppress display on a per form factor basis.



Modifying Styles (cont.)

Using Standalone Styles

- Some styles are standalone styles that you can apply directly to a page element.
- These styles are not dependent on any other style applied previously and extend or override the system default styles.

Application-Specific Styles

Style Classes: psc_primary

Form Factor Style Class Override

Small:

Medium:

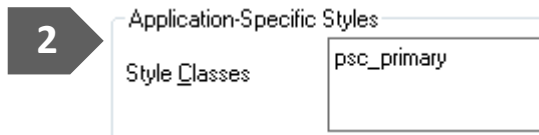
Large:

Extra Large:

Suppress System-Supplied Style Classes

Save

Online Demo 7: Touching Up the Converted Fluid Application (Applying Styles)

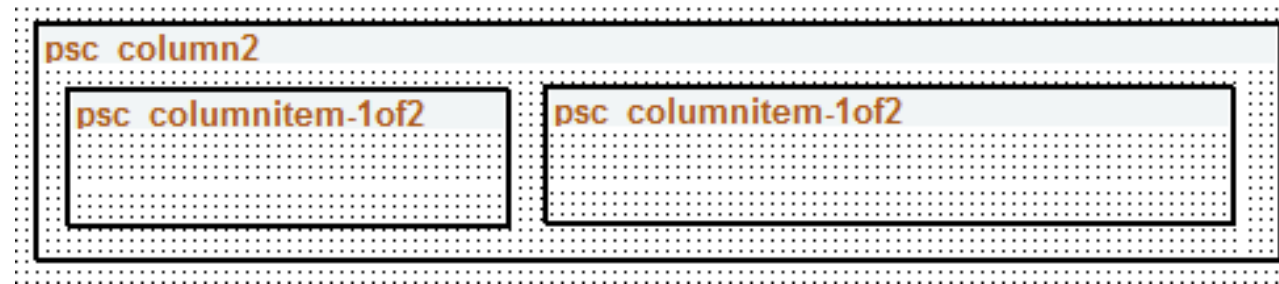


Modifying Styles (cont.)

Adding Styles to a Structure

Unlike standalone styles, some styles need to be applied:


- To a specific construct, or structure.
- In a specific, sometimes nested, order with other styles applied previously.




Online Demo 8: Touching Up the Converted Fluid Application (Placeholder Text and Nested Block Elements)

1 **Alternate User**
If you will be temporarily unavailable, you can select an alternate user to receive your routings.

Alternate User ID

From Date 
(example: 12/31/2000)

To Date 
(example: 12/31/2000)

2 **Application-Specific Styles**

Style Classes

3 **Placeholder Text**


None Static Message Catalog


Static Text

4 **Alternate User**
If you will be temporarily unavailable, you can select an alternate user to receive your routings.

Alternate User ID


psc column2


psc columnitem-1of2
From Date 

psc columnitem-1of2
To Date 

5 **Alternate User**
If you will be temporarily unavailable, you can select an alternate user to receive your routings.

Alternate User ID

From Date 

To Date 



Developing Fluid Applications Topics



- ▶ Fluid User Interface Overview
- ▶ Understanding Fluid Application Development
- ▶ Creating Fluid Pages
- ▶ Creating and Registering Fluid Components
- ▶ Touching Up Fluid Applications
- ▶ **Additional Resources**

Additional Resources

PeopleSoft Online Help

PeopleSoft Online Help - PeopleSoft PeopleTools 8.56:

- *Fluid User Interface Developer's Guide.*
- *Application Designer Developer's Guide.*
- *Application User's Guide.*
- *PeopleCode API Reference.*
- *PeopleCode Language Reference.*

Additional Resources

Information on My Oracle Support

- *PeopleSoft Fluid User Interface Supplemental Documentation* (Doc ID 1909955.1):
 - *CSS Guide for PeopleSoft Fluid User Interface.*
- Oracle Red Paper: *Converting Classic PIA Components to PeopleSoft Fluid User Interface* (Doc ID 1984833.1).
- Oracle Red Paper: *PeopleSoft Fluid User Interface Programming Fundamentals* (Doc ID 2136404.1).

Additional Resources

Information on the PeopleSoft Information Portal

- PeopleSoft User Interface – Fluid and Classic Plus:
https://docs.oracle.com/cd/E52319_01/infoportal/fluid_ui.html
- PeopleSoft Fluid UX Standards:
https://docs.oracle.com/cd/E65859_01/fluid_ux/index.html

Additional Resources

Oracle University Training

- PeopleSoft Fluid User Interface Rel 8.55 (3 Days).
- PeopleSoft PeopleTools:
 - PeopleSoft PeopleTools I Rel 8.55 (5 Days).
 - PeopleSoft PeopleTools II Rel 8.55 (5 Days).
 - PeopleSoft PeopleTools I/II Rel 8.55 Accelerated (5 Days).
- PeopleTools Portal (8.53) and PeopleSoft Interaction Hub (9.1) Administration (5 Days).
- PeopleSoft PeopleCode Rel 8.53 (5 Days).

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