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**Oracle PeopleSoft PeopleTools 8.54 Product
Documentation Update**

PeopleSoft Fluid User Interface

August 2015

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Oracle PeopleSoft PeopleTools 8.54 Product Documentation Update: PeopleSoft Fluid User Interface

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Contents

Introduction	4
Minimum Browser Versions for Fluid User Interface	5
Enabling Fluid User Interface	5
Understanding Default System Settings for the Fluid User Interface	5
Enabling Fluid User Interface for Desktop Computers	5
Clarifying New Grid Layout Types	7
Small Form Factor Personalization Limitations	9
Working with Touch Screen Laptops	9
Including Spell Check for Fluid Pages	10
Right-to-Left Language Support	10
Fluid Component Internet Properties	10
Understanding the signin.js File	11
Creating Custom Fluid Homepages	11
Update History	14

Introduction

The PeopleSoft Fluid User Interface is a brand new, dynamic, and evolving PeopleTools technology. Because of this, PeopleTools wants customers to have quick access to any information that will help to describe and clarify this new technology to increase awareness and understanding of the product.

This document will cover late-breaking information and questions coming from customers. This document is not intended to replace the product documentation delivered with PeopleTools 8.54.

This document covers:

- Additional topics that do not appear in the official product documentation.
- Clarification to the posted product documentation.
- Troubleshooting topics relevant to Fluid User Interface implementation.

The content in this document:

- Is provided in addition to the posted product documentation.
- Will eventually appear in the posted production documentation as needed.

Note. PeopleTools 8.54 does not provide any fluid applications or fluid pages. Upcoming PeopleSoft application releases will provide fluid applications and fluid pages. Refer to the release information for your PeopleSoft applications for more information on fluid application offerings.

See Also

PeopleSoft PeopleTools 8.54: Fluid User Interface Developer's Guide

http://docs.oracle.com/cd/E55243_01/pt854pbr0/eng/pt/tflu/index.html

PeopleSoft PeopleTools 8.54: Applications User's Guide, "Working With PeopleSoft Fluid User Interface"

http://docs.oracle.com/cd/E55243_01/pt854pbr0/eng/pt/tupa/index.html

Minimum Browser Versions for Fluid User Interface

To access fluid pages, you must have at least the minimum browser version for your device.

Device Type	Browser
PC	Internet Explorer 11 Firefox 24 Chrome 35 Safari 6 (Mac only)
Mobile	Internet Explorer 11 for Windows 8.1 (tablets only, not smartphones) Safari on iOS7 Chrome on Android 4.4

Enabling Fluid User Interface

This topic provides additional information for this section of the product documentation:

PeopleSoft PeopleTools 8.54: Fluid User Interface Developer's Guide, "Managing Fluid User Interface System Settings"

Understanding Default System Settings for the Fluid User Interface

PeopleSoft Fluid User Interface is enabled for the entire system by default for your initial PeopleTools 8.54 installation, but it is disabled for desktop computers. Specifically, when you install your PeopleTools System Database, by default, the Disable Fluid Mode web profile setting is not selected, but the Disable Fluid On Desktop setting is selected.

For example:

- Disable Fluid Mode ?**
- Disable Fluid On Desktop ?**

The intention is for mobile devices, such as smartphones and tablets, to access the fluid user experience by default, while conventional desktop computers access the classic user experience by default. The classic user experience is what previous PeopleSoft application users on desktops are accustomed to seeing when they access PeopleSoft.

You can enable fluid mode for desktop computers if desired, depending on your user base and the fluid pages and applications provided by your PeopleSoft application. See the following sections.

Enabling Fluid User Interface for Desktop Computers

If you want fluid pages and applications to be accessible from desktop computers, you will need to complete these tasks:

- Enable the web profile setting for fluid on the desktop.
- Set the homepage personalization fluid options.
- Configure the NavBar to appear in the classic portal header.

Enable the Web Profile Setting for Fluid on the Desktop

To enable the web profile setting for fluid on the desktop:

1. Select PeopleTools, Web Profiles, Web Profile Configuration, and select your web profile.
2. On the General page deselect *Disable Fluid on the Desktop*.
3. Save the web profile.
4. Restart your PIA domain.

Set the Homepage Personalization Fluid Options

If you enable fluid to display on the desktop, you may also elect to set the default homepage the user accesses after signing on to the system.

To set the homepage personalization for fluid:

1. Select Main Menu, My Personalization's, General Options.
2. For PC Homepage, override the default value (Classic), and select *Fluid*.

PC Homepage	Classic	Fluid	Explain
Tablet Homepage	Fluid		Explain

3. Save the settings.

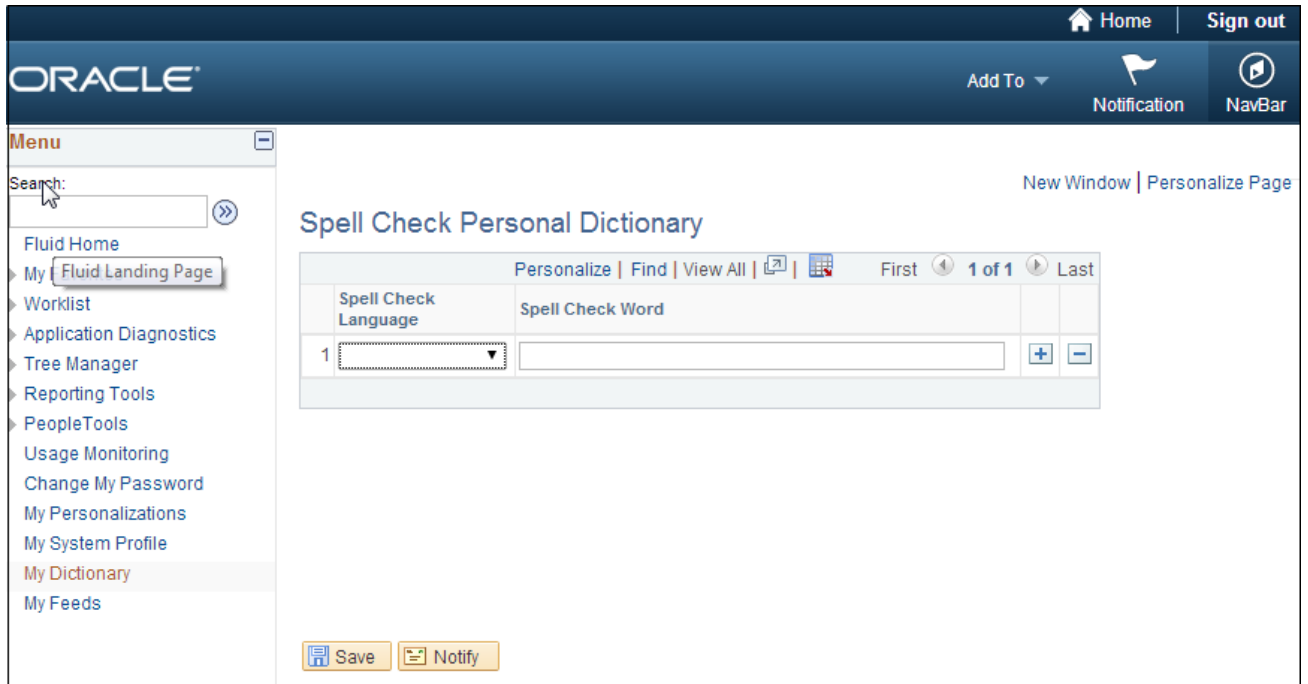
Configuring the NavBar to Appear in the Classic Portal Header

If you are configuring fluid pages to be accessible from desktop computers, which will also be accessing classic pages, it is recommended to update the system branding options so that both classic and fluid pages share a common header. This makes the transition between classic pages and fluid pages more seamless, from the ender user perspective.

To configure the NavBar to appear in the classic portal header:

1. Select PeopleTools, Portal, Branding, Branding System Options.
2. On the Branding System Options page, set the following:
 - a. Default Branding Theme: *DEFAULT_THEME_TANGERINE_ALT*
 - b. Theme Style Type: *Tangerine (PT8.53 default)*
 - c. Default Style Sheet Name: *PSSTYLEDEF_TANGERINE*
3. Click Save.
4. Sign out and sign on to the system.

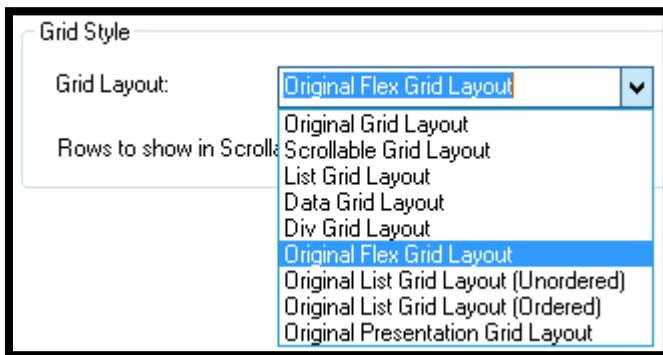
Example



Clarifying New Grid Layout Types

Several new grid layout types are available beginning with PeopleTools 8.54. Some of the grid layout types are supported only for classic pages, while others are intended only for fluid pages. If you add a classic grid layout type to a fluid page, the system displays a JavaScript error.

For example, if on a fluid page, you select *Original Grid Layout* for a grid, then at runtime you will see a JavaScript error when working with the grid, such as when adding new rows. To resolve the error, select *Original Flex Grid Layout* for the grid layout type.



For more information on these options see the product documentation for *PeopleTools 8.54: Application Designer Developer's Guide*, "Using Grids," Setting Grid Use Properties, Grid Style

This table presents the supported grid layout types per mode (classic or fluid).

Mode	Supported Grid Layout Types
Classic	<ul style="list-style-type: none"> • Original Presentation Grid Layout • Original List Grid Layout (Ordered) • Original List Grid Layout (Unordered) • Scrollable Grid Layout • Original Grid Layout
Fluid	<ul style="list-style-type: none"> • Div Grid Layout • Data Grid Layout • List Grid Layout • Original Flex Grid Layout

This table describes each grid layout type in more detail.

Grid Layout	Description
(Classic only) Original Grid Layout	Original grids are the standard grid layout in releases prior to PeopleTools 8.50. With original grids, you can see navigation headers and footers; insert, multi-row insert, and delete buttons; and grid separator tabs. If the Personalize link is enabled by the developer, you can search for data within the grid, sort grid data; and rearrange, freeze, and hide columns to personalize your grids.
(Classic only) Scrollable Grid Layout	Unlike original grids, scrollable grids take advantage of AJAX technology, which enables you to change the grid structure and content directly on the grid. You can make changes to scrollable grids directly from the transaction page without using the Personalize link. Additionally, scrollable grids can be configured to scroll data within the grid control so as to keep frozen columns or column headers from scrolling out of view. Scrollable grids enable you to navigate from cell to cell vertically and horizontally.
(Fluid only) List Grid Layout	Used to contain a list grid. It represents a grid as an unordered list (using and tags). Used for displaying lists of items.
(Fluid only) Data Grid Layout	Select so users will not see the grid displayed on the fluid page, as if the grid is hidden. The data in the grid is stored in two JavaScript variables, as in one for the grid header columns and one for grid row data. You need to write custom JavaScript to use the grid data stored in the two variables.
(Fluid only) Div Grid Layout	Represents a grid as a structure of HTML <div> elements. This allows for the dynamic creation of structures on a page that are not restricted to the display of tables or lists. It creates a structure of containers that allows more

Grid Layout	Description
	dynamic displays of data, if needed.
(Fluid only) Original Flex Grid Layout	It is a table-based grid recommended for displaying tabular data to the end user in fluid mode. Based on the Original Grid Layout, but enhanced to take advantage of the "flex" model in fluid mode.
(Classic only) Original List Grid Layout (Unordered)	Creates a bulleted list in a one-column grid. The system generates an unordered list with <code> </code> HTML tags instead of <code><table> </table></code> tags, indicating the content is an unordered list containing rows of list item tags (<code> </code>) for the rows of data.
(Classic only) Original List Grid Layout (Ordered)	Creates a numbered list in a one-column grid. Similar to the unordered list, except that instead of unordered list tags (<code> </code>) tags the system generates ordered list tags (<code> </code>) to contain the list items.
(Classic only) Original Presentation Grid Layout	The system generates the <code><table></code> tag with the <code>role = "presentation"</code> clause added to it. This indicates to a screen reader that the grid is for presentation and layout purposes, rather than data. In some cases, you may want to use a table for layout purposes only (keeping elements aligned in a certain way, for example). By specifying this option, PeopleTools adds a WAI-ARIA tag for the table so a screen reader will ignore the table (not treat it as a data table).

Small Form Factor Personalization Limitations

For small form factors, personalizing the NavBar or fluid homepages is not supported.

Working with Touch Screen Laptops

Users signing in to the system using laptops with "touch" capability, will be routed by default to the fluid homepage. For example, this would be the case with users signing in with Windows 8 touch screen laptops.

This is a result of the way the system interprets some of the capabilities sent from the browser's user agent running on the touch screen laptop. Currently, the system is interpreting the device type as a tablet, not a laptop PC.

Assuming the users of the touch screen laptop do not need to access fluid homepages upon signin, they can update their user preferences for the Tablet Homepage to Classic. But this will force mobile devices used by that user, such as smartphones and tablets (if they use them to access the system), to be routed to the classic portal homepage as well.

See Also

Product Documentation for *PeopleTools 8.54: Portal Technology*, “Working with Conditional Navigation”

Including Spell Check for Fluid Pages

Spell check is not currently optimized for fluid mode. It is not recommended to enable spell check at the component level or at the field level for fluid applications.

Right-to-Left Language Support

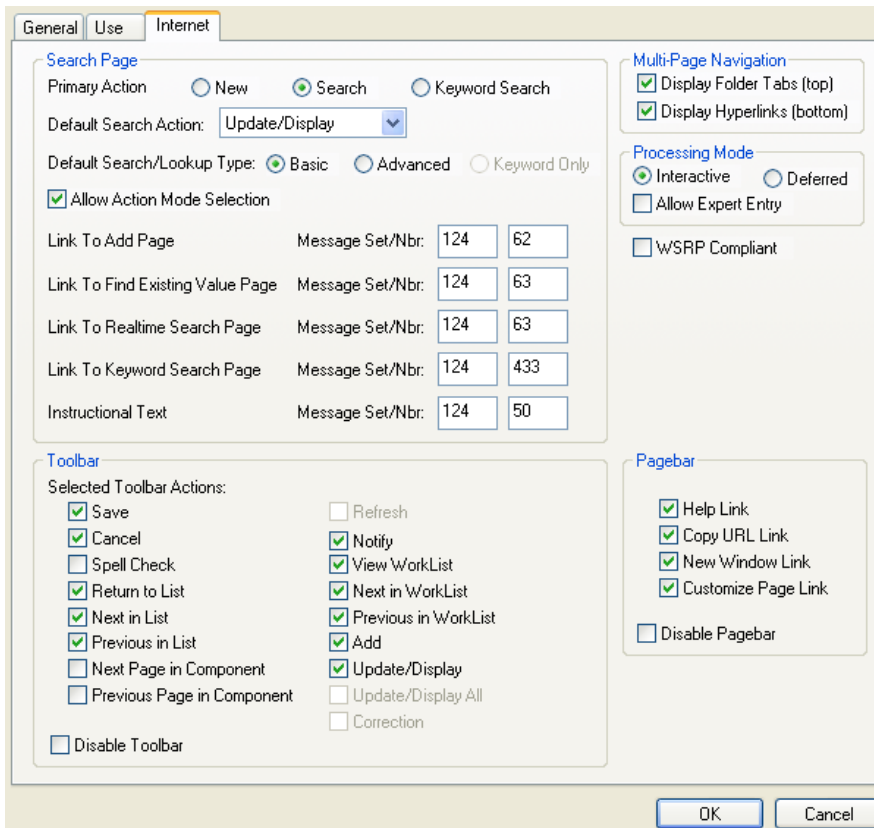
Fluid applications are not currently supported for right-to-left languages, such as Arabic.

Fluid Component Internet Properties

If a component is a fluid component, then most of the properties on the Internet tab of the Component Properties dialog box *do not* apply. For example, none of the Toolbar actions apply.

However, these properties on the Internet tab **do** apply to Fluid components:

- Primary Action (Search Pages).
- Display Folder Tabs.
- Process Mode options (except for Allow Expert Entry).



Understanding the signin.js File

The file, signin.js, should not be blocked by any load balancing device. The signin.js file is required by the PeopleSoft system to identify the device type correctly for fluid mode, except in the case of Internet Explorer 11.

Creating Custom Fluid Homepages

If you need additional fluid homepages, you can add them. You may prefer different groupings of tiles for additional user roles.

If you are creating new homepages, you will want to balance the need for additional fluid homepages with the need to keep the interface streamlined and uncluttered. And especially with mobile devices, you don't want to overload a small form factor device while loading numerous homepages, nor do you want to overwhelm the end user with too many homepage choices.

Note. The reason you see the Navigation Bar in the fluid homepage content reference list is that the NavBar's underlying data structure is a fluid homepage.

To add a new fluid homepage, click the Add Content Reference link while on the Fluid Homepage > Structure and Content page

General Security Tile Content

Root > Fluid Structure Content > Fluid Homepages >

Content Ref Administration

CreatedBy PS

Name NEW_HOMEPAGE_FL

*Label New Homepage

Parent Folder Fluid Homepages

Copy object

Select New Parent Folder

Long Description New Homepage for demonstration purposes.
(254 Characters)

Product

Sequence number

Owner ID

*Valid from date 04/16/2015

Valid to date

Creation Date 04/16/2015

Usage Type Landing page

Storage Type Local (in HTML Catalog)

Fluid Mode

Display on Small Form Factor

Add Content Reference

Homepage tab attributes

Allow rename

Help ID

Behavior Required

These are the basic steps for creating a fluid homepage (more description follows):

1. Provide a Name and Label.
2. Set Usage Type as Landing page.
3. Set the homepage behavior, such as optional, required, and so on

You'll need to provide a definition name for your fluid homepage content reference. Often, you will see fluid definitions using a naming convention to differentiate them from classic definitions. For example, the definition name may contain `_FLU` or `_FL`, etc.

The Label of the homepage is the name the end user sees displayed in the fluid banner when the homepage has been selected. It is also the name the user sees in the Add Homepage dialog box when adding homepages in personalize mode.

For a fluid homepage, you must set the Usage Type to *Landing page*. This indicates to the system it is to be used for fluid and activates other fluid attributes, such as the Behavior option in the Homepage tab attributes group box. A *landing page* refers to the page on which a user "lands" after signing into the system. In most situations the term you will see used is *fluid homepage*, not *landing page*.

Setting the Behavior option enables you to control how the homepage becomes available for an end user. For example, if you select *Optional*, that homepage is among the homepages available for an end user to select when adding a homepage. If, on the other hand, you select *Required*, that homepage appears automatically in the end user's homepage drop-down list.

Note that the homepages we are describing here are system homepages, as in shared by multiple users. Individual users can also create personal homepages to be used only themselves. They can do this in personalization mode from another fluid homepage.

Use the Security tab to authorize access to the homepage. This is similar to adding security to a classic portal homepage or pagelet.

General Security Tile Content

Root > Fluid Structure Content > Fluid Homepages >

Content Reference Security

Label: New Homepage

Public
 Author Access

Security Authorizations				Personalize	Find	Print	Grid	First	1 of 1	Last
Type	Name	Description	View Definition							
1	Permission List		View Definition							

Inherited Security Authorizations				Personalize	Find	Print	Grid	First	1 of 1	Last
Type	Name	Description	View Definition							
			View Definition							

On the Tile Content tab you select the tiles that you want to appear on the homepage. To add pagelets to the classic portal homepage you use the same approach.

To make a tile eligible to display upon a fluid homepage, select the check box to the left of the tile label. Use the drop-down list on the right off the tile label to configure the behavior of that tile with regards to how it appears on a homepage, and what the user can elect to do with it.

You have these options:

Optional

Optional is not used in fluid mode. By default all tiles are available from Add Tile. This behavior is different

Opt-Dflt (option-default)

from classic which required a pagelet to be selected as available for a specific homepage.

The tile appears on the homepage by default if the user has access the tile's associated component. The tile can be removed when users personalize the homepage.

Req-Fix (required-fixed)

The tile appears on all user homepages if the user has access to the tile's associated component. The placement of the tile cannot be changed, and it cannot be removed.

Required

The tile appears on all user homepages if the user has access to the tile's associated component. The placement of the tile can be changed, but it cannot be removed.

Update History

Date	Description
July 2014	Initial version posted.
August 2015	Added these update sections: <ul style="list-style-type: none">• Clarifying New Grid Layout Types• Small Form Factor Personalization Limitations• Working with Touch Screen Laptops• Including Spell Check for Fluid Pages• Right-to-Left Language Support• Fluid Component Internet Properties• Understanding the signIn.js File• Creating Custom Fluid Homepages.