5 things you need to know before you start building fluid projects

10 Best Fluid UI controls and how to implement them

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Objectives

- Give you an idea what you can do with Fluid UI controls.
- How to implement them.
- When to use them.
Our Demo Application

- Master/Detail
- Button bar
- Accordion
- Header
- Custom Action

Fluent UI Controls

Enrolled Students

PeopleSoft University

Students
Admitted Students
Enrolled Students
Graduated Students
Setup
Preferences

Program Details
Biographical Details

Empid/Name  Career  Program
ADCRM1004  UGRD  LAU
Alexandria Thomas  Undergraduate  Adviser Bancaire Diensten
ADCRM1006  GRAD  GSCI
Jody Jacobs  Graduate  Graduate Science Programs
ADCRM1015  GRAD  GSCI
Shelley Whittington  Graduate  Graduate Science Programs
FAPF126  UGRD  FAU
ICHIRO SHOKUDA  Undergraduate  Netwerk-en mediabeheer
FAPF127  UGRD  FAU
KENJIRO SAKAE  Undergraduate  Netwerk-en mediabeheer
FAPF130  UGRD  FAU
KOJIRO AKI  Undergraduate  Netwerk-en mediabeheer

Footer
# 1 – Stacked Grid
What is it and how to use it?

- Combines two or more columns of data into a single column
- Use it when more columns of data need to be displayed than will fit on the page without introducing horizontal scrolling
How to implement?

#1 – Stacked Grid

DEMO
# 2 – Custom Grid Header

What is it and how to use it?

- Allows to add your application buttons into the header of a grid like a filter or any other button.

- Peopletools provides a default Sort.
How to implement?

#2 – Custom Grid Header
# 3 – Pop-up Button / More button

What is it and how to use it?

- Pop-up button are used when you have limited button space on your page
- It allows you to tie multiple actions to one button
How to implement?

#3 – Pop Up button

Outer groupbox

Container Properties

Group Box Type: Popup

Html Tag Type: Default

2nd groupbox

Container Properties

Group Box Type: Container

Html Tag Type: UL

Default Style Name: ps_menucontainer

Inner groupbox

Container Properties

Group Box Type: Layout Only

Html Tag Type: LI

Default Style Name: ps_menuitem
How to implement?

#3 – Pop Up button

Outer groupbox

**Group Box Properties**

- **Record**: CY2_POPMENU_WRK
- **Field Name**: HEADER_ACTIONGROUP

**More ...**

- Menu item 1
- Menu item 2
- Menu item 3

**MyActions**

- Menu item 1
- Menu item 2
- Menu item 3
How to implement?
#3 – Pop Up button

On **pageActivate** add the following

```
&sMenuTitle = "MyActions";
```

```
CY2_POPMENU_WRK.HEADER_ACTIONGROUP.SetGroupletMOptions("sStyle
@ps_popup-menu ps_menutype-act;sTitle@" | &sMenuTitle | ";bAutoClose@1;bMask@1;sMaskStyle@ps_masktrans;bVertical@1;bHeader@1;";");
```

For a better layout and menu header.
# 4 – Related Actions

What is it and how to use it?

- Transfers the user to other functionality from the Grid
- Provide quick access
## How to implement?

### #4 – Related Actions

<table>
<thead>
<tr>
<th>Emplid/Name</th>
<th>Empl ID</th>
<th>Name</th>
<th>Career</th>
<th>Acad</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>2</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>3</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>4</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**Push Button/Hyperlink**

- **Type**: 
  - Push Button
  - Hyperlink
  - Action Widget
- **Destination**: PeopleCode Command
- **Record Name**: CY2_RELACT_WRK
- **Field Name**: RELATED_XACTIONS
- **Style**: **Use Default Style**
- **Actions**
  - **Action Type**: 
  - **Related Control**: 
- **Process**
  - **Type**: 
  - **Name**: 
- **Secondary Page**
  - **Page**: 
- **Action Widget Settings**
  - **Use Default JavaScript**
  - **Custom JavaScript**: RelatedActionJS
  - **Display Single Action Menu as**: **Action Widget**

**DEMO**
How to implement?

#4 – Related Actions

- Define Related Content Services

- Manage Related Content Services
# 5 – Button Bar
What is it and how to use it?

- Navigation headers that is places at the top of the page
- Usually it gives a different view of certain data.
How to implement?

#5 – Button Bar

- Create a new Fluid Subpage (PSL_APPS_CONTENT)
How to implement?

#5 – Button Bar

- Create a new Fluid Subpage (PSL_APPS_CONTENT)
How to implement?

#5 – Button Bar

- Add Subpage to Main page
How to implement?

#5 – Button Bar

- Add Subpage to Main page

![Diagram showing CY2_MSTDTL_APPL_FL (Page) with CY2_UI_BTNBAR_SBF and CY2_MSTDTLAPPL_SBF groupboxes.]

- Button bar subpage groupbox

  ![Free Form Style: Override PeopleTools Style?]

  ![Default Style Name: analytics_buttonbar]

- Both groupbox

  ![Container Properties: Group Box Type: Layout Only]

  ```
  Evaluate CY2_UI_WRK.CY2_UI_PROGBAR_BTN.Value
  When "1"
  | /*transfer to Program details page*/
  | TransferPage(Page.CY2_MSTDL_APPL_FL);
  | Break;
  When "2"
  | /*transfer to Biographical details page*/
  | TransferPage(Page.CY2_MSTDLB101_FL);
  | Break;
  End-Evaluate;
  ```
# 6 - Accordion
What is it and how to use it?

- Allows large amounts of content into tiny spaces on the page.
- E.g.: for menu items with category and subcategory
How to implement?

Outer groupbox

Container Properties

Group Box Type: Accordion Vertical
Html Tag Type: Default

Inner groupbox

Container Properties

Group Box Type: Accordion GroupBox
Html Tag Type: Default

Accordion Vertical

Item 1

Item 2

Item 3

Item 4

Item 5
What is it and how to use it?

- Component with multiple tabs (folder tabs) can be set up with left side navigation (8.55).
How to implement?

#7 – Page to Menu Creation

**Component Properties**

- Internet
- Fluid

**Multi-Page Navigation**
- Display Folder Tabs (top)

**Definition**

<table>
<thead>
<tr>
<th>Page Name</th>
<th>Item Name</th>
<th>Hidden</th>
<th>Item Label</th>
</tr>
</thead>
<tbody>
<tr>
<td>CY2_UI_STCKGRID_FL</td>
<td>CY2_UI_STCKGRID_FL</td>
<td></td>
<td>Program Details</td>
</tr>
<tr>
<td>CY2_UI_PLAN_FL</td>
<td>CY2_UI_PLAN_FL</td>
<td></td>
<td>Plan Details</td>
</tr>
<tr>
<td>CY2_UI_SUBPLAN_FL</td>
<td>CY2_UI_SUBPLAN_FL</td>
<td></td>
<td>Subplan Details</td>
</tr>
<tr>
<td>PT_SIDE_PAGETABS</td>
<td>PT_SIDE_PAGETABS</td>
<td></td>
<td>Side Page</td>
</tr>
</tbody>
</table>

**DEMO**
# 8 – Master / Detail

What is it and how to use it?

- Shows left side navigation (Master) with right side content (Detail - Fluid/classic components).

- Cross-component ability.

- Uses grouplets, group boxes that show content from another source.

- PT delivers a component (PT_MDSTARTPAGE_NUI) that can be used to display Master-Detail application.
How to implement?

- Create a new Fluid Page (PSL_PANEL_NAV)
- Wrap into subpages will give you more design space
How to implement?

#8 – Master/Detail

Admitted Students

<table>
<thead>
<tr>
<th>Group box</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Enrolled Students

<table>
<thead>
<tr>
<th>Group box</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td></td>
</tr>
</tbody>
</table>

Graduated Students

<table>
<thead>
<tr>
<th>Group box</th>
<th>GroupID</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Groupbox in the grid

Outer Groupbox

Default Style Name: psc_list-linkmenu

Container Properties

- Group Box Type: Layout Only
- Html Tag Type: Default

Grid Properties

- Display Header
- Display Title
- Display Navigation Bar
- Style: Unenhanced

Grid Layout: List Grid Layout

Rows to show in Scrollable Layout: 1
How to implement?

#8 – Master/Detail

- Create a page

Activate on the MD page you just created.
# 9 – Custom Action

What is it and how to use it?

- Approach to add custom links (with minimal impact) as additional list items.

- This will be done on the "Action Menu" aka the "Hamburger" icon.
How to implement?

#9 – Custom Action

DEMO
# 10 – Headers and Footers

What is it and how to use it?

- Outside the scrollable portion of the page.
- Application header objects appear on all pages of the component.
- Only use footers for small form factor devices.
How to implement?

#10 – Header/Footer

- Outer Groupbox
  - Container Properties
    - Group Box Type: Custom Header Bottom
    - Html Tag Type: Default

- Innermost Groupbox
  - Container Properties
    - Group Box Type: Layout Only
    - Html Tag Type: Default

- Second Groupbox
  - Default Style Name: ps_apps_pageheader
How to implement?

#10 – Header/Footer

Save as PT FOOTER_SAVEONLY with custom page name.

Add the custom page to component.

Note: Add save/cancel peoplecode as desired to the added buttons
• What is new in PeopleTools 8.55-

• Using the power of Fluid to build modern Self-service functionality – Part 1

• Using the power of Fluid to build modern Self-service functionality – Part 2

• Offering continuing education using Program Enrollment & Campus Events

• Exploring the benefits of Fluid; three example projects from a functional perspective.
Thanks for attending this presentation!

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Enjoy sharing knowledge