

Getting the Most Out of PeopleSoft PeopleTools

Tips and Techniques

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About your Presenter

- PeopleSoft Experience: 15+ years
 - 5 years as a customer
 - 10 years with Oracle
- Conference presenter: 10+ years
- Author: 3 books
 - PeopleTools
 - Lifecycle Management
 - PeopleSoft Mobile



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VIRTUAL & ONSITE TRAINING



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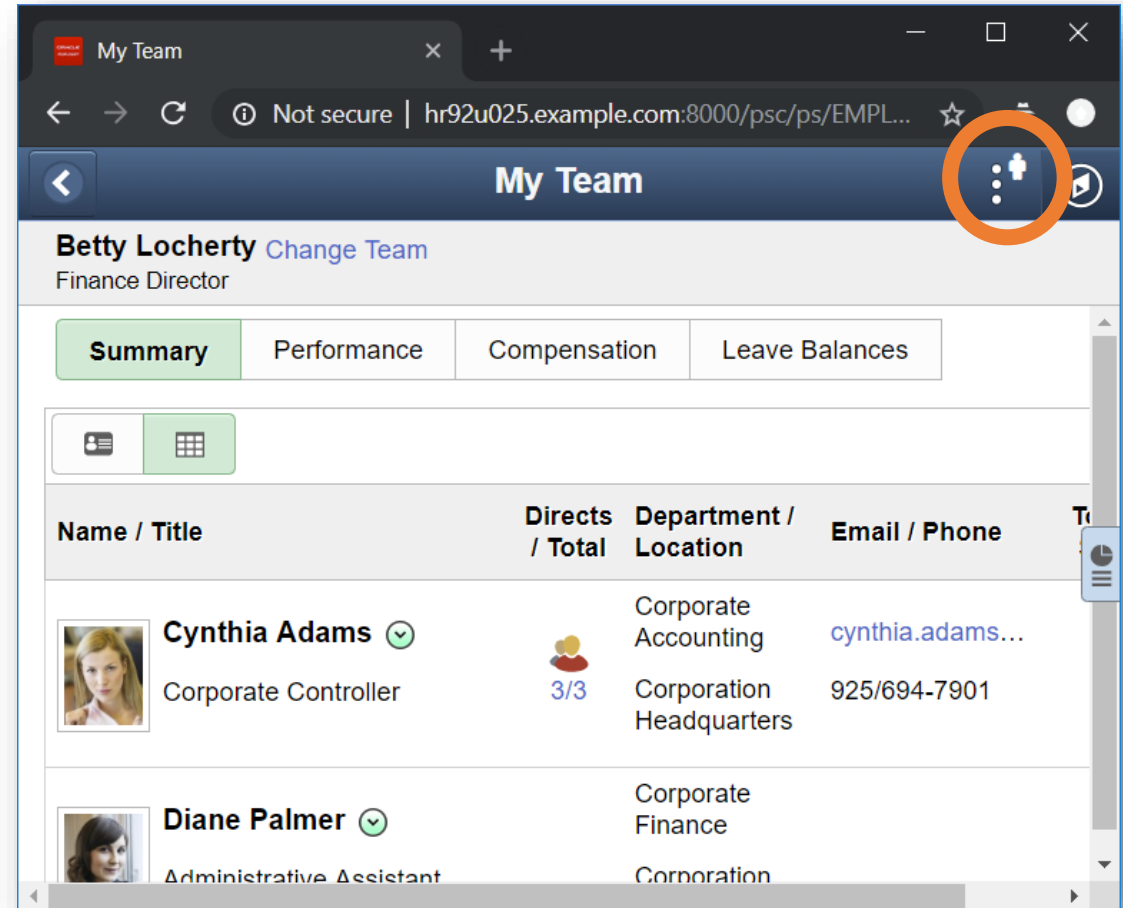
Agenda

- Fluid Components
- Homepages and Tiles
- Event Mapping
- PeopleCode




Fluid and Event Mapping

Custom Actions Hidden in Menu

- A few components have custom actions in the actions menu.
How is a user to know?
 - Custom icon in action menu



The screenshot shows a web application interface for a team page. The browser address bar indicates the URL is `hr92u025.example.com:8000/psc/ps/EMPL...`. The page title is "My Team". The user profile is "Betty Locherty, Finance Director". There are tabs for "Summary", "Performance", "Compensation", and "Leave Balances". The main content area displays a table of team members:

Name / Title	Directs / Total	Department / Location	Email / Phone
 Cynthia Adams ✓ Corporate Controller	 3/3	Corporate Accounting Corporation Headquarters	cynthia.adams... 925/694-7901
 Diane Palmer ✓ Administrative Assistant		Corporate Finance Corporation	

How to: Action Menu Icons CSS

- CSS for styling
- FontAwesome for icons

```
@import url("//maxcdn.bootstrapcdn.com/font-awesome/4.7.0/css/font-awesome.min.css");

.ps_header_button.psc_menu-act .ps-button:after
{
    color: #fff;
    content: "\f1ae";
    font-family: FontAwesome;
    font-size: 1em;
    margin-left: -10px;
    position: absolute;
    top: 2px;
}
```

Note: Don't use a CDN in production

How to: Action Menu Icons PeopleCode

- App Class for PeopleCode
- Service definition for Event Mapping

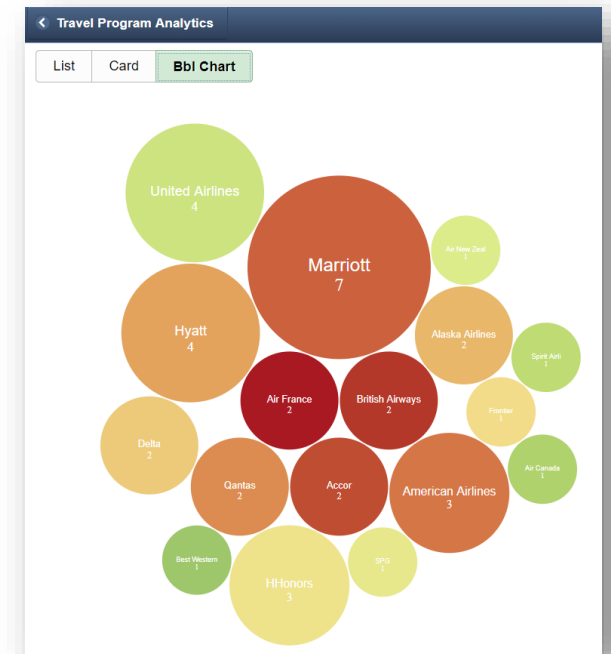
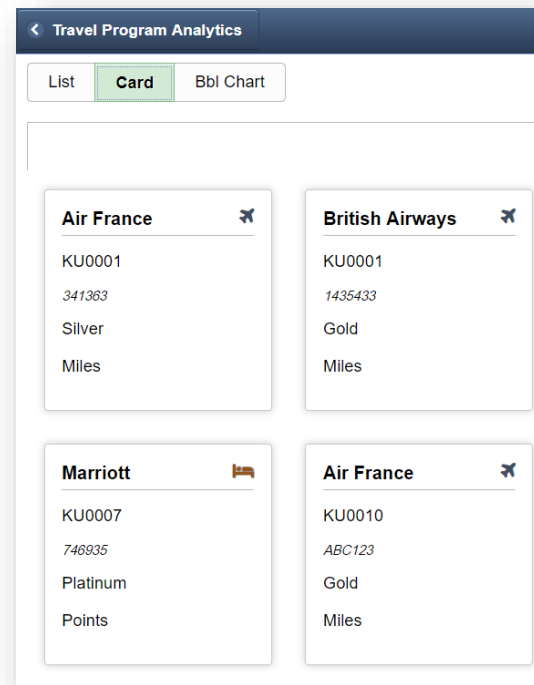
```
import PT_RCF:ServiceInterface;

class CustomActionMenu implements
PT_RCF:ServiceInterface
    method execute();
end-class;

method execute
    /+ Extends/implements
PT_RCF:ServiceInterface.execute +/
    AddStyleSheet(<stylesheet>);
end-method;
```

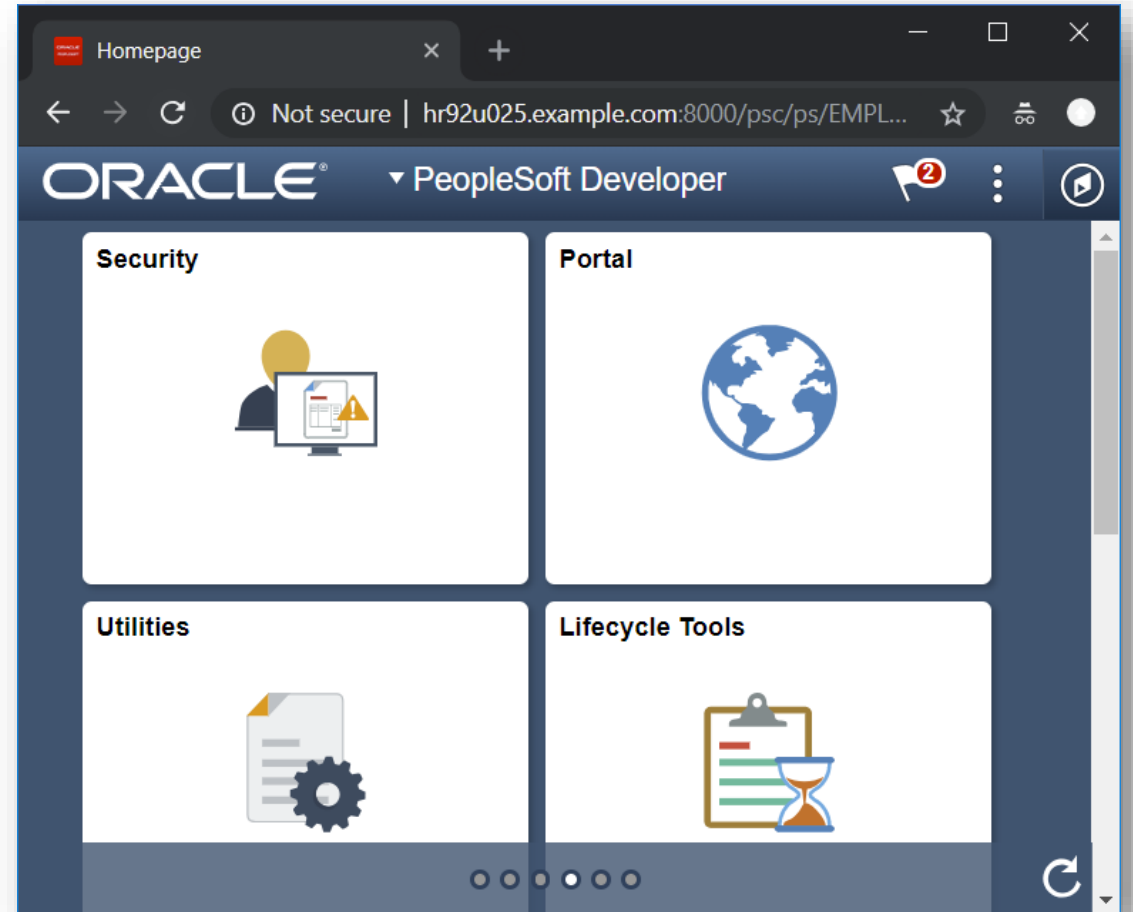

Grids

- Can do more than *just* render tabular data
 - Div Grid with CSS Styling
 - Data Grid with d3.js JavaScript



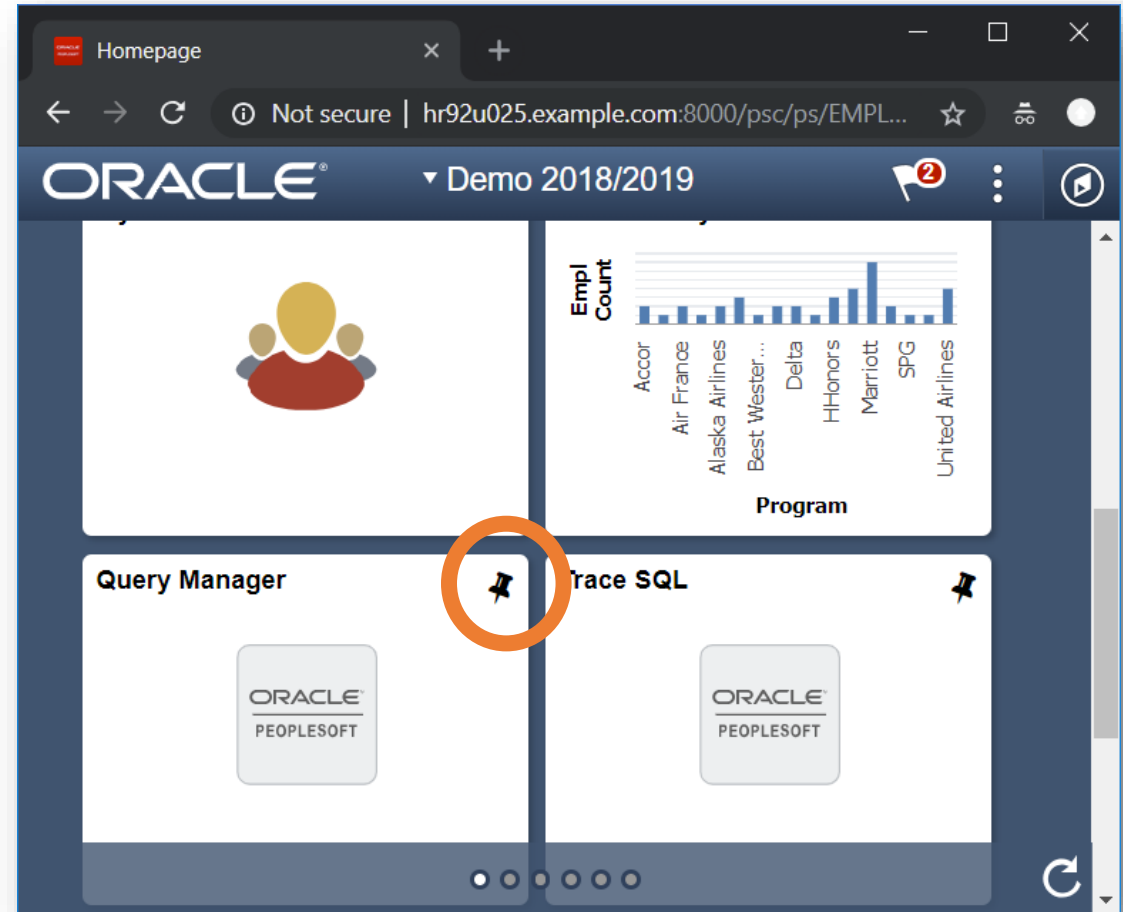
Homepages Tiles are Rows in a Grid

- Tiles are *just* rows and columns in a grid
 - Hide rows using PeopleCode
 - Re-sort using PeopleCode
- Homepages are *just* components
 - Event Mapping



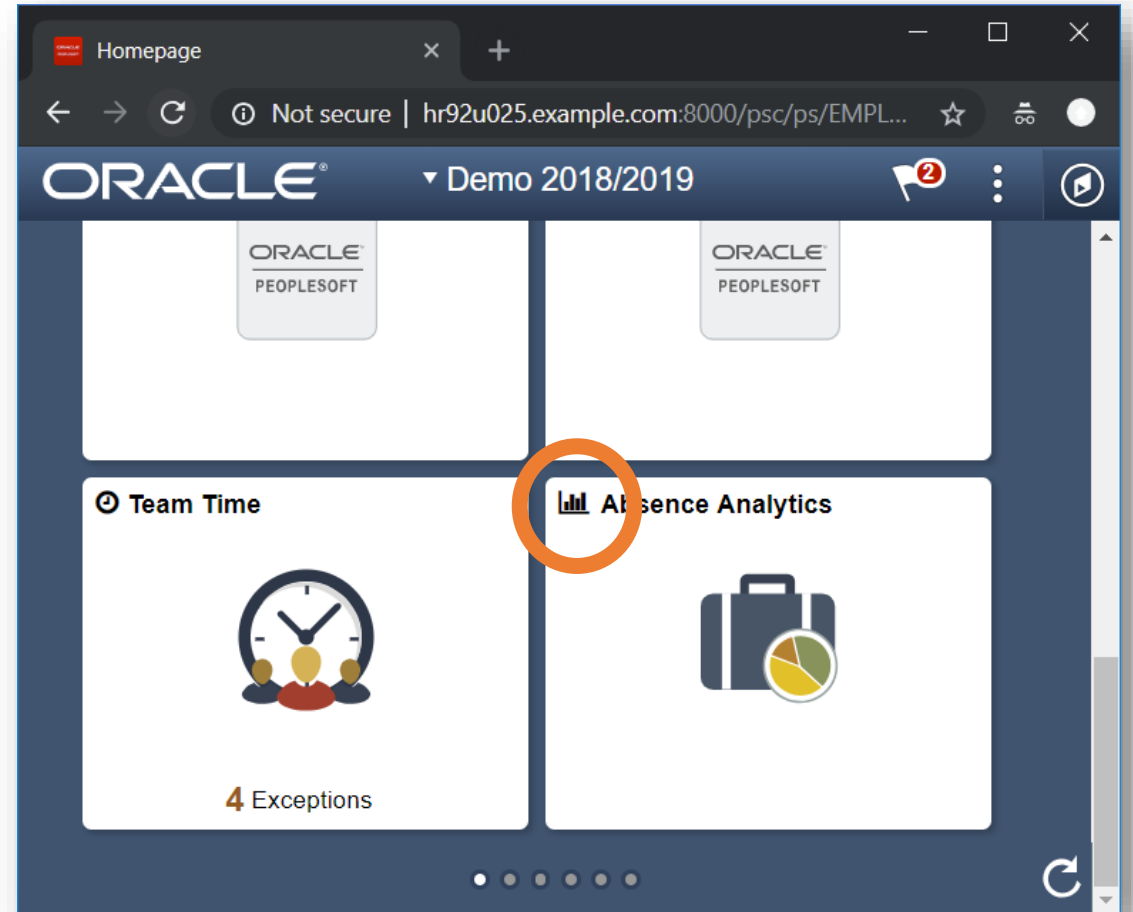
Identify “Pinned” Tiles

- Event Mapping PeopleCode to add a style class
- “Pinned” tiles stored by ID in PS_PT_PORTAL_PINTO



Per-tile Styling

- Event Mapping PeopleCode to add special attributes
- Use JavaScriptEvents field property to create new attributes



PeopleCode

Tips and Techniques

App Class or FUNCLIB?

Stateless procedure
execution

App Class or FUNCLIB?

Stateful procedure
execution

App Class or FUNCLIB?

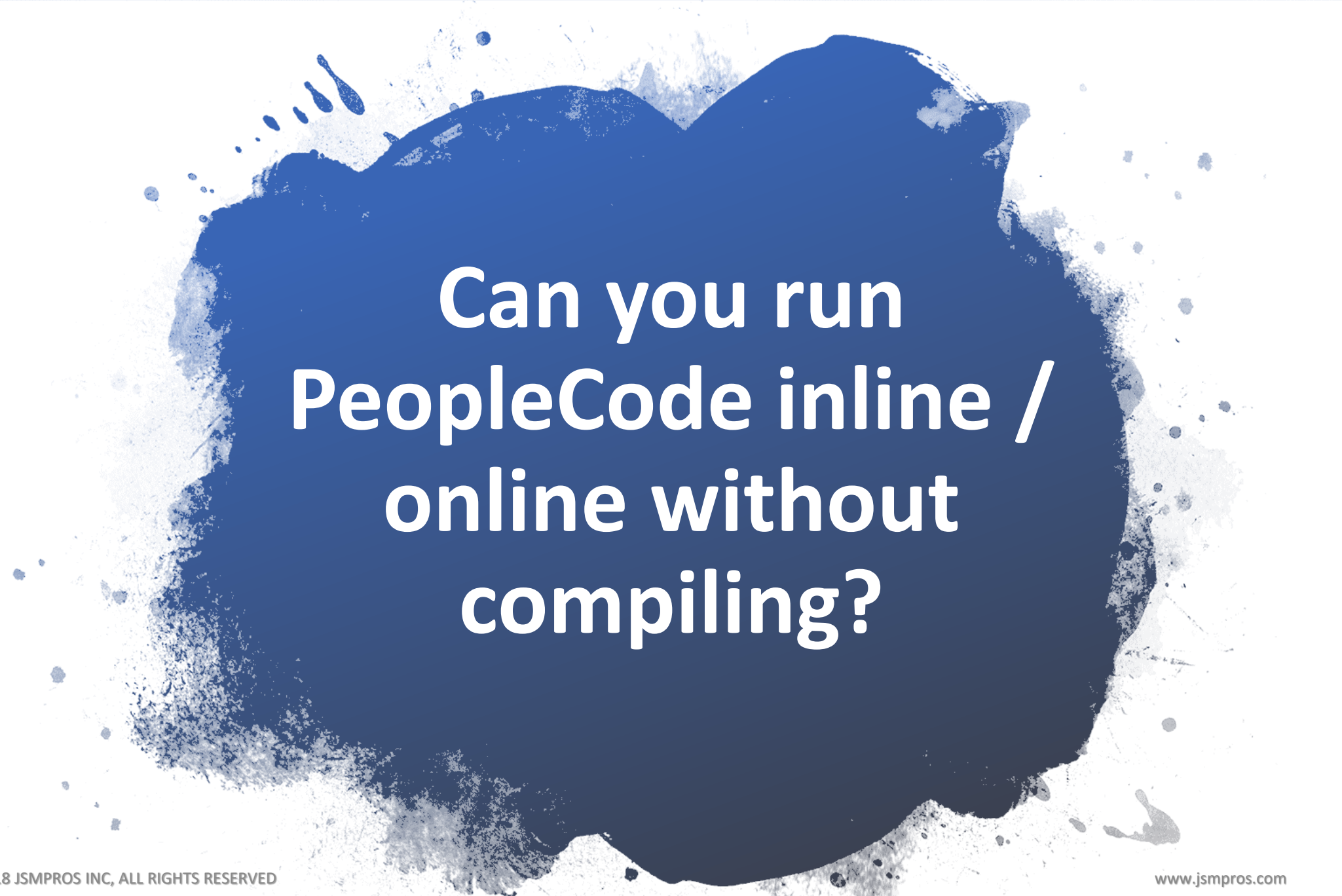
Procedure unknown
at design time

What is this?





Is PeopleCode compiled?



**Can you run
PeopleCode inline /
online without
compiling?**



**Does PeopleCode
have Regular
Expression support?**



Do Application Classes have reflection?

Review the Following Code

```
DERIVED_HR_FL.BTN_SELECT.SetGroupletMOptions("sStyle  
@ps_popup-menu ps_menutype-  
act;sTitle@Options;bAutoClose@1;bMask@1;sMaskStyle@p  
s_masktrans;bVertical@1;bHeader@1;");
```

How About This?

```
Local JSM_DIALOGS:Parameters:MenuParameters &params =  
create JSM_DIALOGS:Parameters:MenuParameters();  
  
&params.sTitle = "Options";  
&params.bCenter = True;  
&params.bAutoClose = True;  
&params.sStyle = "ps_popup-menu ps_menutype-act";  
&params.bVertical = True;
```

<https://github.com/jsmpros/psdialogparms>

Reset an Array

```
A. While &array.Len > 0
    &tmp = &array.pop();
End-While;
```

```
B. &array.Len = 0
```

```
C. &array = CreateArrayRept("", 0);
```


SQL in PeopleCode

A. `SQLExec("SELECT 'X' FROM PS_TBL WHERE EMPLID =
'" | &emplid | "'");`

B. `SQLExec("SELECT 'X' FROM PS_TBL WHERE EMPLID =
:1", &emplid);`

C. `SQLExec(SQL.SELECT_X, &emplid);`

Meta-SQL

A. `SELECT FL1 || FL2 FROM PS_TBL`

B. `SELECT FL1 %Concat FL2 FROM PS_TBL`

Q&A
