PeopleSoft Fluid Simplified Analytics

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Evolution of Analytics in PeopleSoft

8.54 Tools
- Fluid Enabled
- Render on any device
- Graph, Table, or Pivot
- Real time data
- Refresh

8.52 Tools
- PS Query Driven
- Self Service via Pagelets
- 30+ Delivered Pivot Grids
- Classic Pages Only
- PeopleSoft Data Only

8.55 Tools
- Create Own Analytic
- Guided Process for Setup
- End User Defined Fields
- Template Driven Fields
- End User Personalization
- Contextual
- Add to Homepage
- Sharing Option

8.5x Future Tools
- Threshold Notif.
- Operator support for prompts
- Set Tile size
- Add analytics to NavBar or dashboards
- Pivot Grid tree perf.

Embedded Charts

Fluid Pivot Grids

Fluid Simplified Analytics

Classic Pivot Grids
What Are Fluid Simplified Analytics?

A Framework for Delivering/Displaying Analytics

• First Available with 8.55 Tools
• Embed Analytics into any Component via right-hand pane
• Allow users to create their own and share analytics based on an Analytic Template

Built Upon Existing Tools Features

Simplified Analytics
(available in a component)

Related Content Service
(specific for analytics and is used to associate the Pivot Grid to component)

Pivot Grid Wizard

PSQuery
(Using PeopleSoft Data)
Existing Related Information Functionality

- Related Information Tab
- System Delivered Content
- Personalization
- Hide / Show System Delivered Content
Existing My Analytics Functionality

Add User Created Analytic
Remove
Fluid Simplified Analytics

• Who is using Fluid Simplified Analytics today?

• Other than performance concerns, why have you not deployed Fluid Simplified Analytics?

• What do we need to deliver to help you deploy Fluid Simplified Analytics?
New Feature - Thresholds
Pivot Grid Threshold Notifications

• Administrator configures thresholds for facts through PivotGrid Wizard

• Threshold type can be either a distinct value or a range (low/High Value)

• Enhancement to support threshold personalization and notifications

• Notification condition support is based on Threshold Type defined

• Notification list can be based on roles or users

• End-User may personalize the options. End-User personalization setting are specific to the user
Pivot Grid Threshold Notifications - Conditions

Range
- Above Range
- Below Range
- In the Range
- Not in Range

Distinct
- Equal
- Not Equal
- Greater Than
- Less Than

Notification Type
- Push Alert
- Mail
- Both
Pivot Grid Threshold Notifications - View

- The thresholds and notification options can be configured per view
Pivot Grid Threshold Notifications

• What use cases do you have for thresholds?

• Would you allow employees/managers to create their own thresholds through self service?
Best Practices for Pivot Grid Queries
Points to Remember for Improved Performance

- Use base tables directly as much as possible (if dataset in table is sufficient)
- Avoid multilevel views
- Avoid redundancy of tables in a PS Query
- Use relevant views & do not use views created for other requirements/purposes
- Have required columns only in SELECT clause
- Use PeopleSoft key columns in WHERE clause
- Avoid using Trims OR any other function on the left side of the join/filter predicates
- Convert UNIONs to CASE Construct
- Create index suitable for predicates
Pivot Grid Tree Performance Solution

• Degradation in PivotGrid Performance while attaching multiple Trees and deeper trees
  – Provide adequate indices for PSTREESELECT tables
  – Update Statistics of PSTREESELECT tables
  – Use Dynamic Tree Selectors