



What's new in SAP Dashboards 4.0 and 4.1

Sandy Brotje
Harris Corporation, Healthcare
Solutions

SESSION CODE: 0709

Harris, Healthcare Solutions

Business Intelligence & Analytics

- We are a team offering a comprehensive solution that is committed to helping maximize the return on data assets and health IT investments by generating insights that maximize value in care delivery
- Exclusive partner of the Cleveland Clinic for commercializing Enterprise Business Intelligence (EBI) dashboards and focused performance improvement content

Operational Efficiency	Financial Management	Regulatory & Compliance	Performance Management
<ul style="list-style-type: none">• Patient Access• Nurse Management• Clinic Operations• Operating Rooms• eReferral• Practice Variation• Hospital Throughput• Emergency Dept.	<ul style="list-style-type: none">• Core Financials• Market Analysis• Provider Affiliation• Cost Management Clinical Quality <ul style="list-style-type: none">• ICU Operations• Blood Utilization• Hand Hygiene• Mortality• Population Health	<ul style="list-style-type: none">• Meaningful Use• Ongoing Professional Practice Evaluation• Core Measures Patient Experience <ul style="list-style-type: none">• CAHPS• Patient Perception	<ul style="list-style-type: none">• Executive Scorecard• Strategic Daily Dashboard• Service Line Management

fusionIQ™



Follow @ASUG365 and #ASUG on Twitter

ASUG

Presenter Introduction

Sandy Brotje

- BI Developer, Business Intelligence & Analytics
- Business Objects customer - 10+ years
- Data Warehousing experience - 10+ years
- ASUG Dashboarding and Visualization SIG – Program Chair
- Presenter at SAP/ASUG BusinessObjects User Conference – 6 times



Follow @ASUG365 and #ASUG on Twitter

ASUG

Agenda

1. Query Browser Vs. Data Manager
2. New features and ideas for implementation
3. New Mobility features
4. Lessons learned



Follow @ASUG365 and #ASUG on Twitter

ASUG

Query Browser Vs. Data Manager

Pros:

- No separate interface (QaaWS)
- ★ ■ No more copy and pasting Web Service URL
 - Again and again when the query changes
- ★ ■ No need for Relative Path Linking!
- Quick binding of components in the spreadsheet
- Fewer clicks to see query data
- Preview returns 200 rows as default (was 50)



Follow @ASUG365 and #ASUG on Twitter

ASUG

Query Browser Vs. Data Manager

Cons:

- Have to go through to the last screen to edit the items on Usage tab

- Can't change universe

Pro or Con?

- You have to paint/b
- Hide error message

The screenshot shows the 'Edit Query' dialog box with the 'Usage Options' tab selected. The 'Refresh Options' section includes a checked 'Refresh Before Components Are Loaded' checkbox, a 'Refresh Every' field set to 5 seconds, and a 'Refresh on Trigger' section with two radio buttons: 'When Value Changes' (selected) and 'When Value Becomes'. The 'Load Status' section includes fields for 'Loading Message' (1), 'Idle Message' (0), and 'Insert In' (Controls!\$C\$41). A red oval highlights the 'Hide Error Message Window' checkbox, which is checked, and its corresponding 'Insert In' field (Controls!\$C\$109).



Follow @ASUG365 and #ASUG on Twitter

ASUG

Query Browser Vs. Data Manager

- Query Browser



- Data Manager



Follow @ASUG365 and #ASUG on Twitter

ASUG

New or Enhanced Selector Components

- Support for hierarchical data

Hierarchical Table

Geography	Quantity	Revenue
▼ <input type="checkbox"/> ALL	11447982	348591052
▶ <input type="checkbox"/> NORTH AMERICA	8459421	257589369
▶ <input type="checkbox"/> EUROPE	1287820	21184639
▶ <input type="checkbox"/> ASIA_PACIFIC	1243482	14921784
▶ <input type="checkbox"/> MIDDLE_EAST	457259	3658072

Query Prompt Selector

Enter Value: (Equal to)

Apply

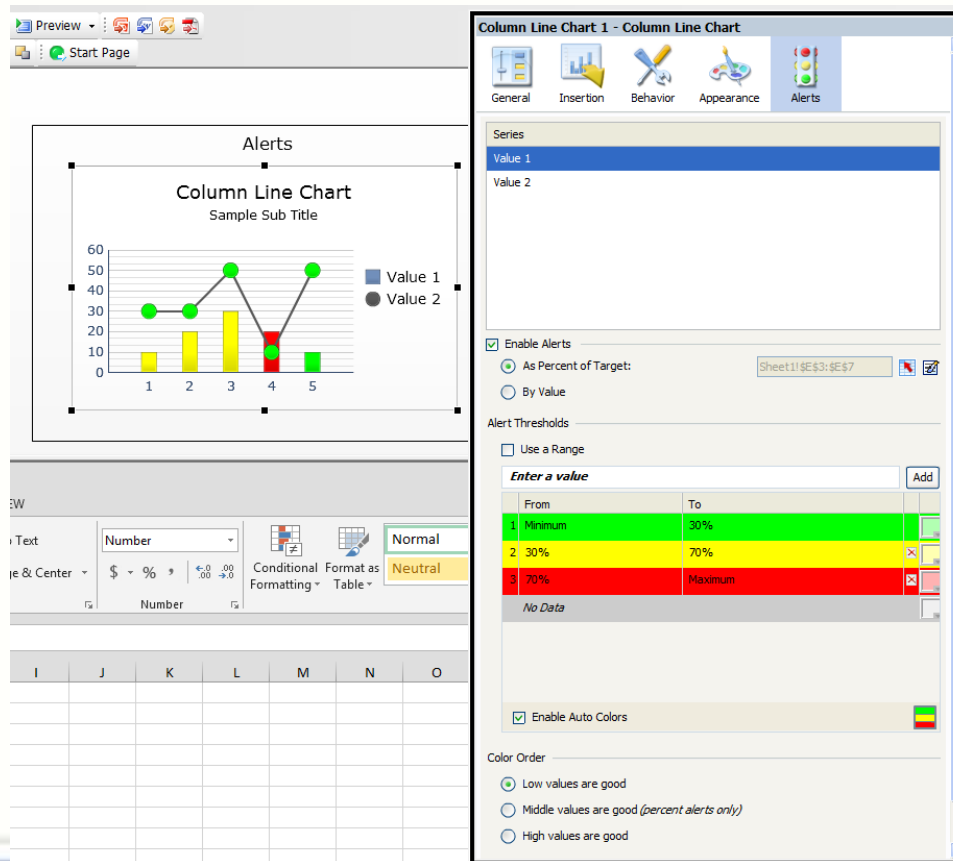


Follow @ASUG365 and #ASUG on Twitter

ASUG

New or Enhanced Chart Components

- Enhanced Column Line Chart component
 - Visual alerts can be enabled in displaying multiple series data



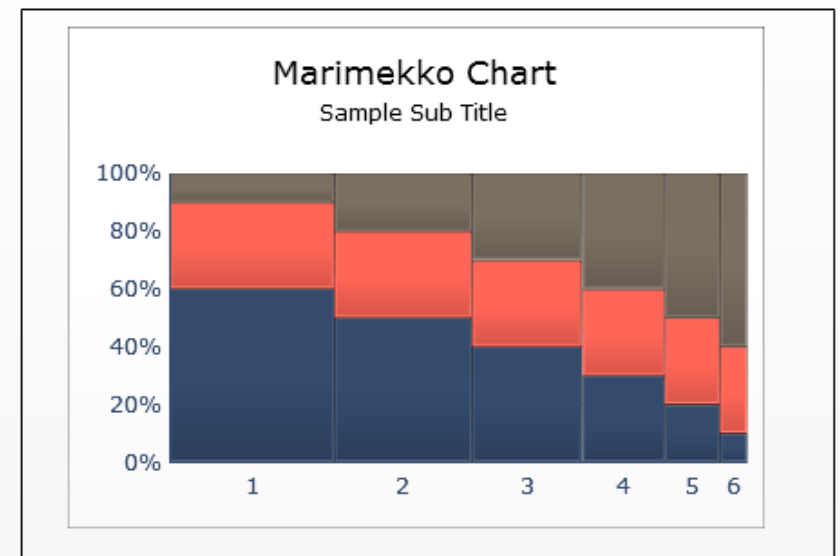
Follow @ASUG365 and #ASUG on Twitter

ASUG

New or Enhanced Chart Components

- Marimekko Chart

- The design of the Marimekko chart is said to resemble a Marimekko print
- Used in Marketing to analyze customer and market segmentation
- A two-dimensional 100% chart
- A bar chart:
 - Bars are of equal height
 - Column width proportional to the total value
 - No spaces between the bars
 - Bars are divided into segments

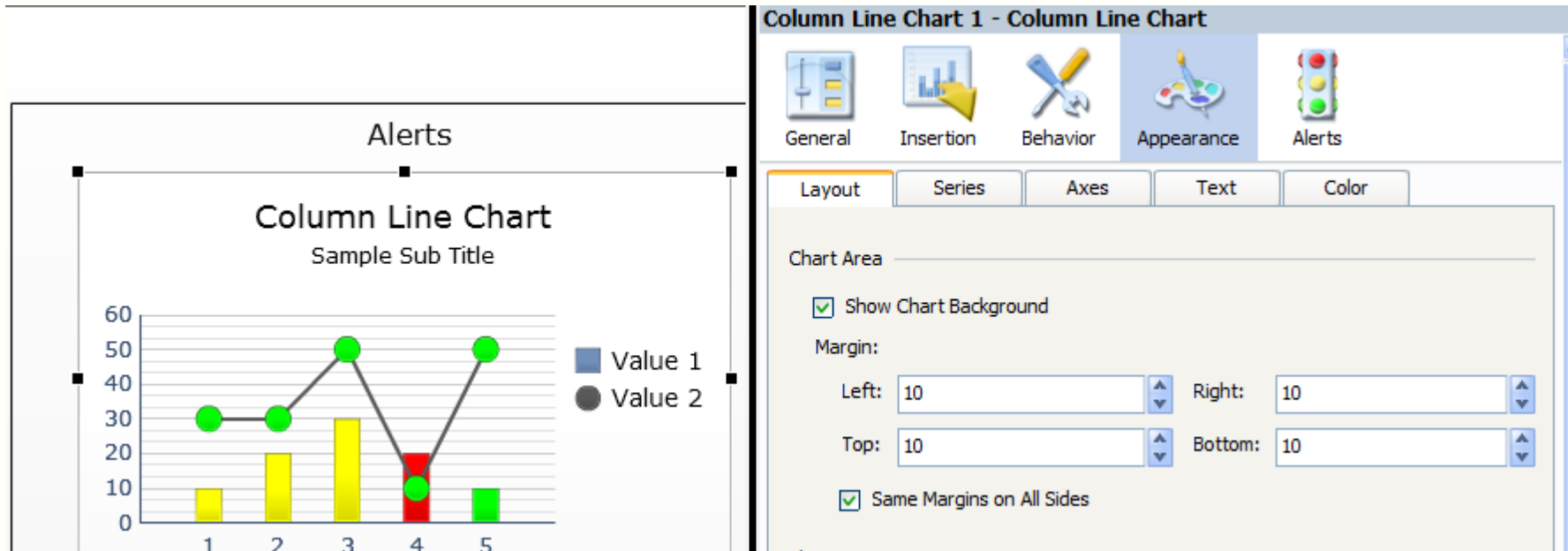


Follow @ASUG365 and #ASUG on Twitter

ASUG

New or Enhanced All Chart Components

- Properties | Appearance Tab | Layout | Chart Area | Margin
 - Now has Left, Right, Top and Bottom



Follow @ASUG365 and #ASUG on Twitter

ASUG

New or Enhanced Components

- Updated names:
 - Was Bubble Chart, now Bubble Plot
 - Was XY Chart, now Scatter Plot
 - Was Combination Chart, now Column Line Chart
 - Was Drill Down, now Insertion (Chart tab in Properties)
- In Properties | General tab for some components, like Combo Box Selector:
 - Was Clear Destination When No Selected Item,
 - Now Remove Destination When No Selected Item

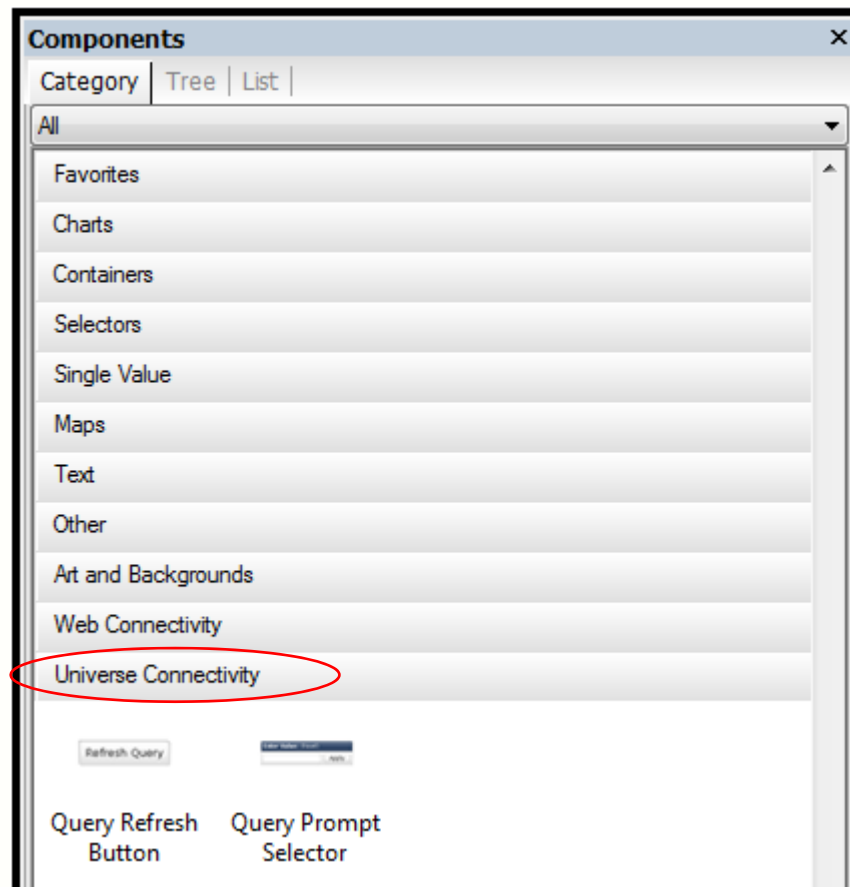


Follow @ASUG365 and #ASUG on Twitter

ASUG

New or Enhanced Components

- New Component Folder - Universe Connectivity

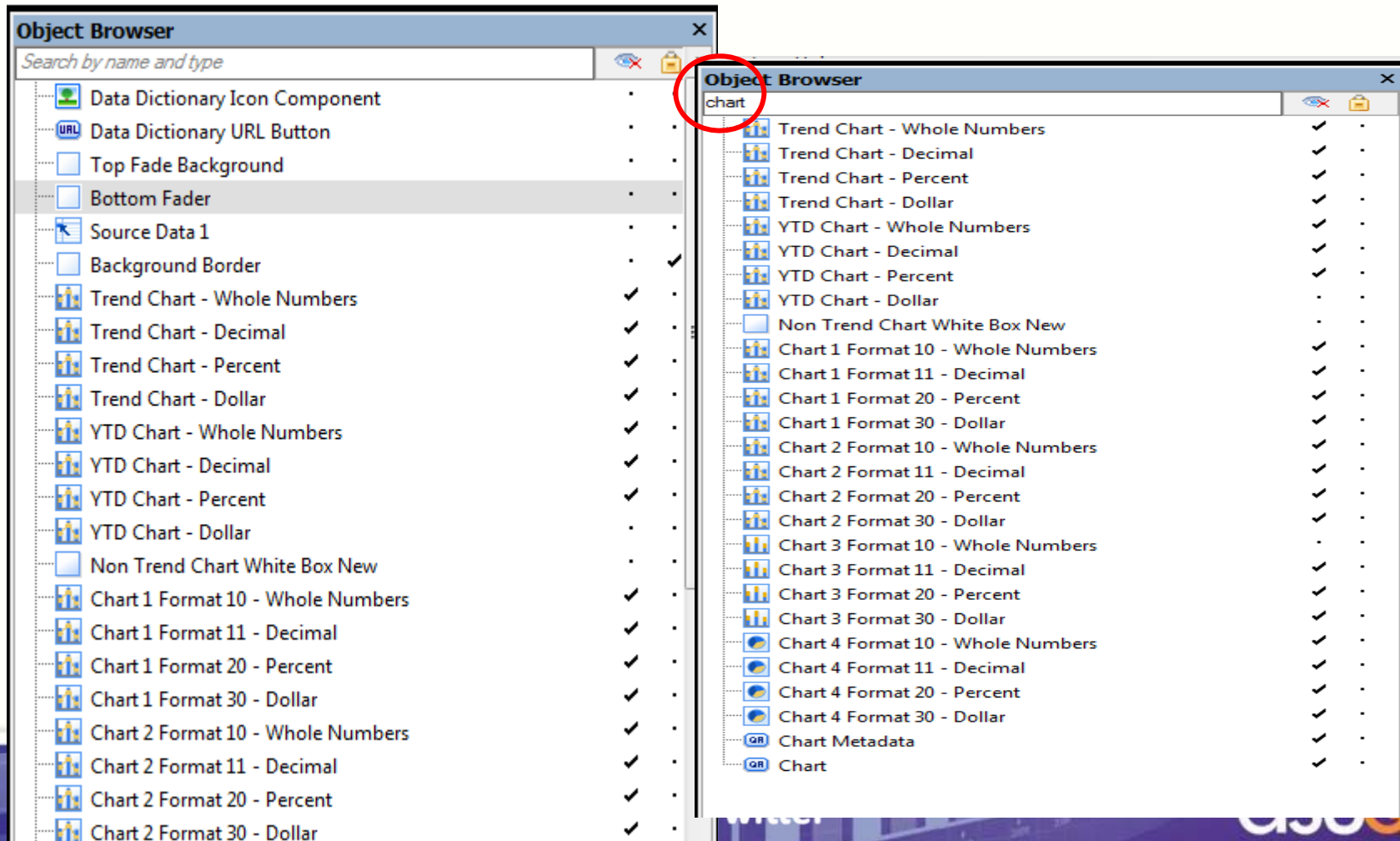


Follow @ASUG365 and #ASUG on Twitter

ASUG

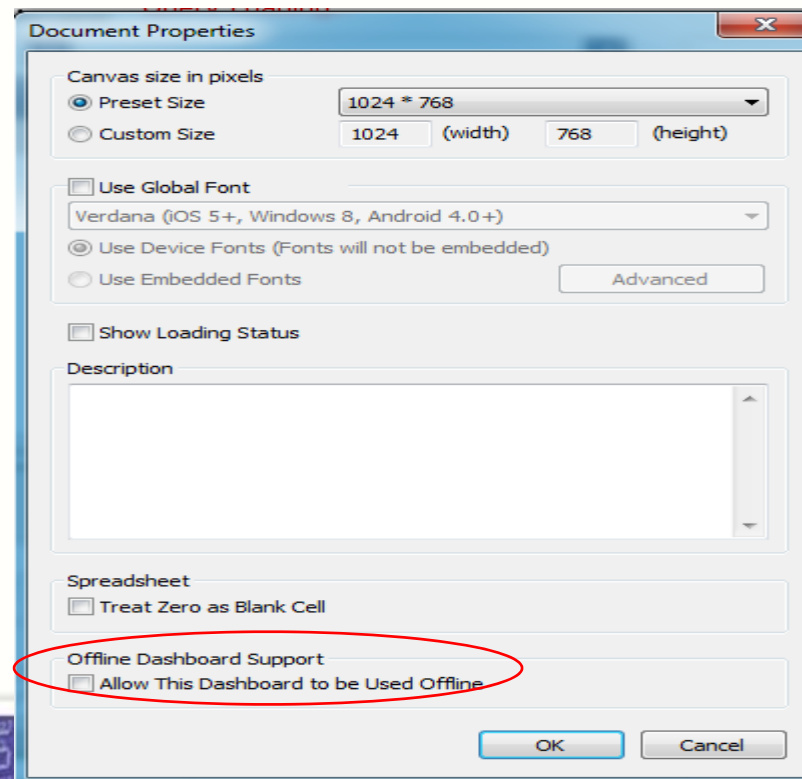
Enhanced Object Browser

- ★ Components on the canvas can be searched by type or by name in the Object Browser



New Features: Main Menu | File

- File > Document Properties > Offline Dashboard Support
- Allows a .swf file to be opened in an internet browser and see the data on the dashboard as it was when the file was saved

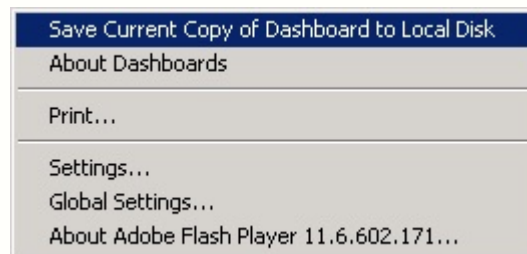


Follow @ASUG365 and #ASUG on Twitter

ASUG

New Features: Main Menu | File, cont.

- Select this setting
- Save the dashboard to the BI Platform
- Open the file in the BI Platform
- Right click on the file, and from the pop-up menu select, Save Current Copy of Dashboard to Local Disk

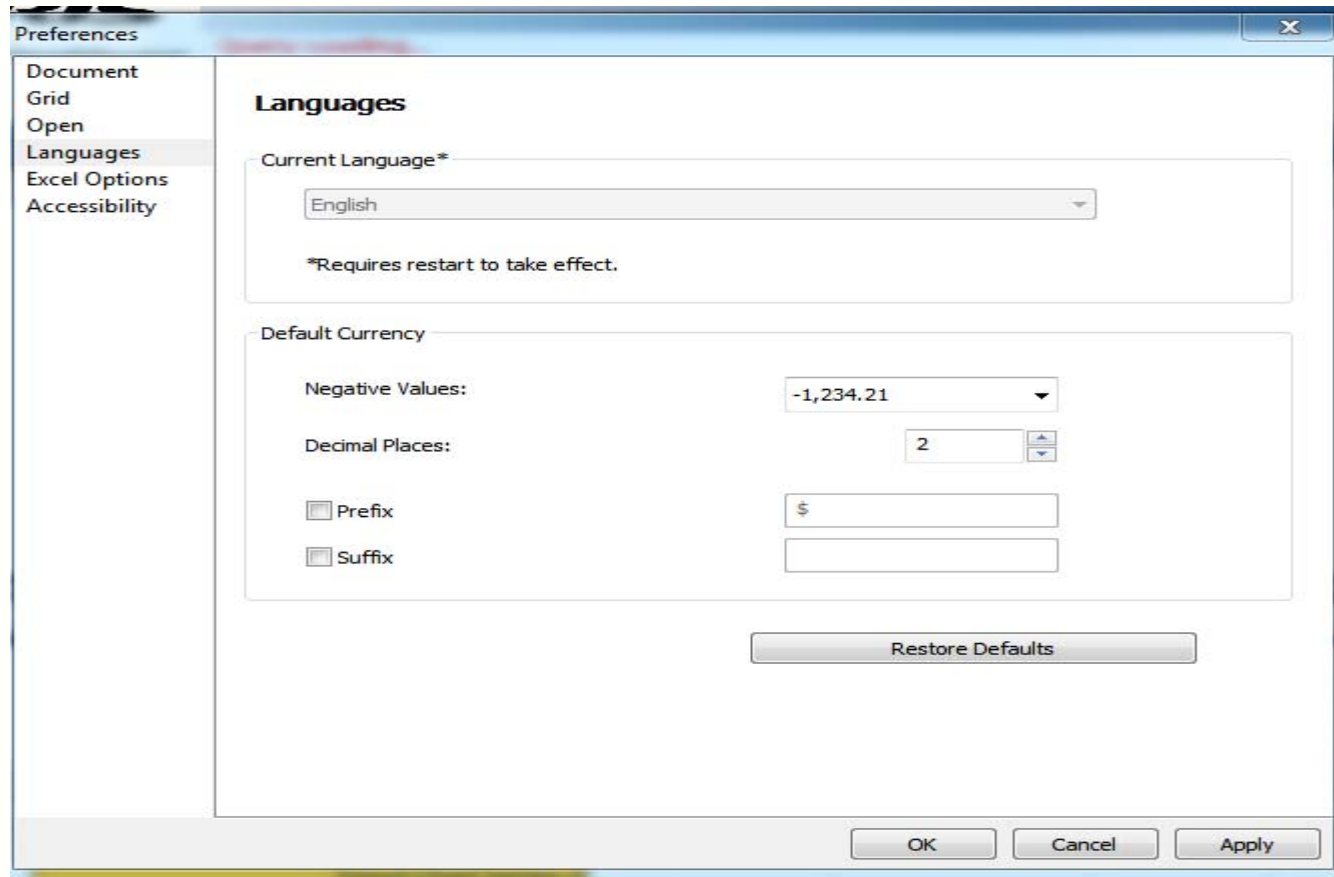


Follow @ASUG365 and #ASUG on Twitter

ASUG

New Features: Main Menu | File

- File > Preferences > Languages > (New) Default Currency options



Follow @ASUG365 and #ASUG on Twitter

ASUG

New Features: Main Menu | File

- File > Save to Platform As

Option	Description
Save to platform	Use this option when: <ul style="list-style-type: none">• You create a new model and want to save it to the repository as a new Dashboards object• You open an existing Dashboards model, modify it, and want to replace the existing object with the updated one
Save to Platform As > Dashboards Object	Use this option when: <ul style="list-style-type: none">• You opened an existing Dashboards object and want to save it as a new Dashboards object without overwriting the existing object• You opened an Xcelsius object and want to save it as a Dashboards object without deleting the existing Flash object (SWF).
Save to Platform As > Dashboards Object to Replace Flash Object	Use this option if you opened an existing Xcelsius object and want to save it as a Dashboards object and delete the existing Flash object (SWF).

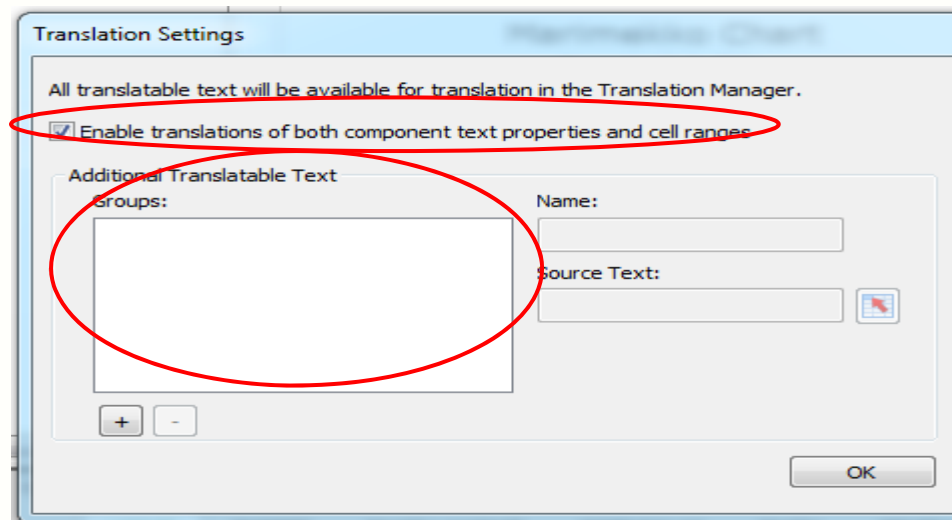


Follow @ASUG365 and #ASUG on Twitter

ASUG

New Features: Main Menu | File

- File > Translation Settings
- Enable Translation and identify any additional text to be translated
 - All manually entered text components are translated by default
 - Data Ranges that are bound to components must be added to the dialog box



Follow @ASUG365 and #ASUG on Twitter

ASUG

New Features: Miscellaneous

- Option to bind to spreadsheet or bind to a component
- Dashboards has new connection in Data Manager
 - Web Dynpro Flash Island

★ ■ You can set the properties to more than 1 component at the same time

★ ■ One file to save to the server



Follow @ASUG365 and #ASUG on Twitter

ASUG

New Mobility Features

- Enhancements for mobile device consumption, iOS or Android
 - Mobility Compatibility panel has been added to the Dashboards user interface
 - Added Preview modes – Mobile (Fit to Screen) and Mobile (Original Size)
 - Filter to display only components supported on mobile devices in the Components browser
- Support for Accessibility
 - Certain components can now be navigated using the keyboard
 - Certain components now support assistive technology such as text-to-speech screen readers



Follow @ASUG365 and #ASUG on Twitter



Lessons Learned

1. Update to Dashboard Design 4.1 ASAP
2. Because there isn't a separate interface for queries
 - No longer have to copy and paste the URL
 - No need for Relative Path URLs
3. Searching in Object Browser
4. Set properties on multiple components at one time
5. One file!!



Follow @ASUG365 and #ASUG on Twitter

