

Smart View 11.1.2.1.102 New Features



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The Leading Support Provider for Enterprise Performance Management Solutions

Welcome

- Craig Mesenbring
- HCG
 - Based in Minneapolis, MN
 - Leading provider of consulting, training, and product sales, tools and custom tailored applications for Business Intelligence software
 - Specializing in Oracle Hyperion EPM



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HCG Company Overview

Oracle BI/EPM Specialists

Consulting

- Oracle Certified Gold Partner
- Oracle BI and EPM
- Oracle BI Enterprise Edition Plus
- Custom tailored applications

Education

- Oracle Approved Education Center – Minneapolis, MN
- Oracle Approved Education Center – Phoenix, AZ
- Custom Training Solutions
- Onsite Training
- Live Virtual Training
- Self-Study Training
- Mentoring

Support and Development

- Oracle BI and EPM support
- System Health Check
- Essbase Add-Ons
- Custom tailored applications



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This Presentation Intended For...

- Essbase 11.1.2 users who have not upgraded to Smart View 11.1.2.1.102
- Essbase 11.1.1 users considering upgrading to 11.1.2
- Spreadsheet Add In users considering switching to Smart View

Essbase/Smart View History

- Essbase/Smart View version 7 (pre-Oracle)
 - Initial release
 - Limited usage, extra cost feature
 - Connection Manager
- Essbase/Smart View (Analytic Services) system 9
 - Modest improvements
 - Oracle bundles Smart View with Essbase
- Essbase/Smart View 11.1.1
 - Data Source Manager (replaced Connection Manager)
 - Provider Services connections
 - Smart Slices and Report Designer

Essbase/Smart View History

- Essbase/Smart View 11.1.2
 - Smart View Panel (replaced Data Source Manager)
 - Data source context-sensitive ribbon tabs (Excel 2007 and higher)
 - Essbase tab, Planning tab, etc.
 - Re-designed Options dialog
 - New VBA functions
- Essbase/Smart View 11.1.2.1.102
 - Many new command and option enhancements
 - More new VBA functions
 - Re-designed Member Selection dialog
 - Support for Office 2010

Reasons to Use Smart View

- One interface, many products
 - Essbase, HFM, Planning, Financial Reporting, Interactive Reporting, SQR Production Reporting, Web Analysis, and Enterprise
- Copy data points to MS Word and Power Point
- Smart Slices and Report Designer

Why Consider Using it Now?

- Spreadsheet Add In features not included in previous versions of Smart View are now available
- Smart View 11.1.2.1.102 makes the switch from the Add In more compelling

New Feature Summary

- POV toggle
- POV toolbar
- Multi-member commands
- Option improvements
- Member Information
- Member names and aliases in rows
- Resolve member names
- Duplicate member names
- Butterfly reports
- Formula preservation
- Formula and format fill
- Sheet and global options
- Linked reporting objects
- Linked partitions
- Submit without refresh
- Substitution variables
- Multiple grids on one sheet
- VBA functions

Smart View Initial Display

- Initial Refresh (retrieve) is similar to Spreadsheet Add In
 - One row header
 - One column header
 - All other dimensions are POV's
 - POV's initially displayed in the grid, not the POV toolbar

	A	B	C	D
1		Product	Market	Scenario
2		Measures		
3	Year	105522		

POV Toggle

- POV members either in the POV toolbar or on the grid
- POV button in Essbase ribbon tab
- Default view displays POV members in grid
- POV members can now be easily printed with spreadsheet
- Note: POV row is hidden when POV toolbar displayed

	A	B	C	D	E
1		Product	Market	Scenario	
2		Profit	Inventory	Ratios	Measures
3	Qtr1	24703	117405	55.25255688	24703
4	Qtr2	27107	119143	55.38705141	27107
5	Qtr3	27912	143458	55.00356413	27912
6	Qtr4	25800	141850	55.41720586	25800
7	Year	105522	117405	55.26162827	105522



	A	B	C	D	E	F	G
2		Profit	Inventory	Ratios	Measures		
3	Qtr1	24703	117405	55.25255688	24703		
4	Qtr2	27107	119143	55.38705141	27107		
5	Qtr3	27912	143458	55.00356413	27912		
6	Qtr4	25800	141850	55.41720586	25800		
7	Year	105522	117405	55.26162827	105522		

POV Sheet1_ x

Product ▼

Market ▼

Scenario ▼

Refresh

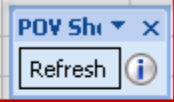
POV Toggle Usage

- POV members must be on one row
 - POV members on multiple rows prevents toggling

	A	B	C	D	E
1	Product				
2	Market				
3	Scenario				
4					
5		Profit	Inventory	Ratios	Measures
6	Qtr1	24703	117405	55.25255688	24703
7	Qtr2	27107	119143	55.38705141	27107
8	Qtr3	27912	143458	55.00356413	27912
9	Qtr4	25800	141850	55.41720586	25800
10	Year	105522	117405	55.26162827	105522



	A	B	C	D	E	F
1	Product					
2	Market					
3	Scenario					
4						
5		Profit	Inventory	Ratios	Measures	
6	Qtr1	24703	117405	55.25255688	24703	
7	Qtr2	27107	119143	55.38705141	27107	
8	Qtr3	27912	143458	55.00356413	27912	
9	Qtr4	25800	141850	55.41720586	25800	
10	Year	105522	117405	55.26162827	105522	



POV Toolbar

- Type members directly in POV toolbar
 - Enter member name and press Refresh
 - Name is added to the drop-down list
 - Not necessary to open Member Selection

	Profit	Inventory	Ratios	Measures
Qtr1	24703	117405	55.25255688	24703
Qtr2	27107	119143	55.38705141	27107
Qtr3	27912	143458	55.00356413	27912
Qtr4	25800	141850	55.41720586	25800
Year	105522	117405	55.26162827	105522

POV Sheet1_ x

Product

Market

Scenario

Refresh

i

	Profit	Inventory	Ratios	Measures
Qtr1	1656	8723	48.33225178	1656
Qtr2	2363	10180	50.78701156	2363
Qtr3	1943	13754	46.9919571	1943
Qtr4	2240	15335	51.21752301	2240
Year	8202	8723	49.32849156	8202

POV Sheet1_ x

Product

New York

Scenario

Refresh

i

Multi-Member Commands

- Perform Zoom In, Zoom Out, Keep Only, and Remove Only on multiple members in both rows and columns simultaneously

	Profit	Inventory	Ratios	Measures
Qtr1	1656	8723	48.33225178	1656
Qtr2	2363	10180	50.78701156	2363
Qtr3	1943	13754	46.9919571	1943
Qtr4	2240	15335	51.21752301	2240
Year	8202	8723	49.32849156	8202

	Margin	Total Expenses	Profit	Inventory	Ratios	Measures
Jan	1185	673	512	8723	47.80153288	512
Feb	1294	693	601	9062	49.2952381	601
Mar	1245	702	543	9366	47.86620531	543
Qtr1	3724	2068	1656	8723	48.33225178	1656
Apr	1446	715	731	10180	51.00529101	731
May	1462	742	720	11167	49.74481116	720
Jun	1706	794	912	12629	51.52521897	912
Qtr2	4614	2251	2363	10180	50.78701156	2363
Qtr3	4382	2439	1943	13754	46.9919571	1943
Qtr4	4396	2156	2240	15335	51.21752301	2240
Year	17116	8914	8202	8723	49.32849156	8202

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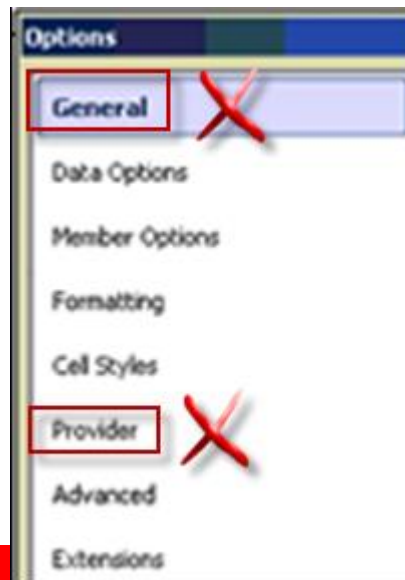
Option Improvements

- Reduced number of option categories
 - Easier option access
- Unnecessary option removed
- Some options moved to the Provider Preferences command available in the Smart View Panel
- More Zoom In level options
 - Previously just Next Level, All Levels, and Bottom Level
- Sheet and Global options
 - Some specific to sheet, others global to Smart View
 - Each type can be saved and/or set via VBA functions

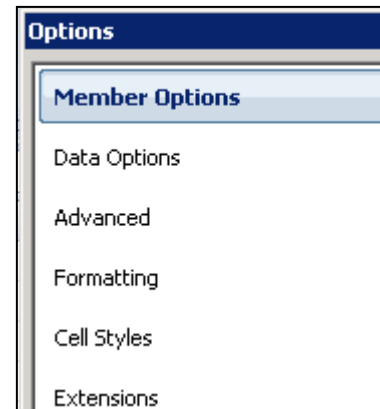
Reduced Option Categories

- General and Provider option categories removed
 - General category options moved to other categories
 - Provider category options moved to the Provider Preferences command accessed from the Smart View Panel

11.1.2



11.1.2.1.102



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Moved and Removed Options

- “UI colors” option removed
 - Color banding not used in Member Selection anymore
- Session Timeout, Number of Rows, and Number of Columns
 - Moved from the Provider option category to the via Provider Preferences command accessed from the Smart View panel

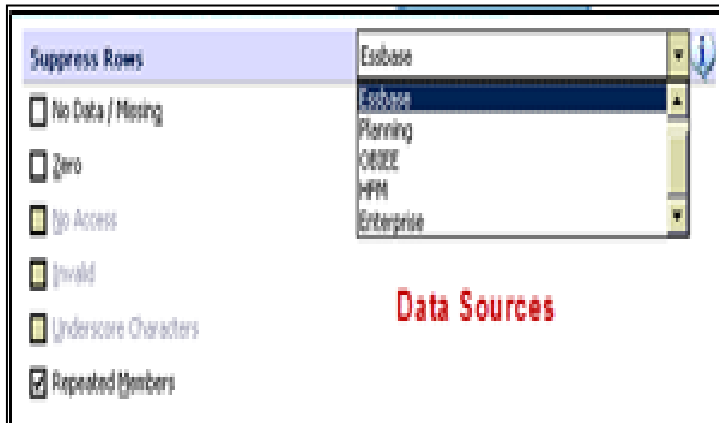
The screenshot displays the Oracle Smart View interface. On the left, the 'Smart View' panel shows a tree view with 'Sample' selected, and a list of actions including 'Ad hoc analysis', 'Create new Smart Slice', 'Query Designer', 'Execute MDX', 'Calculate', 'Build Function', 'Member Selection', 'Modify connection', 'Rename', 'Remove connection', 'Set alias table', 'Change Provider Password', 'Provider Preferences', and 'Disconnect'. The 'Provider Preferences' option is highlighted. On the right, the 'Preferences' dialog box is open, showing 'Provider Services Properties'. A red box highlights the 'Session Timeout', 'Number of Rows', and 'Number of Columns' settings, which are currently set to 60, 5000, and 255 respectively.

Property	Value
Session Timeout	60
Number of Rows	5000
Number of Columns	255

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Data Source Type Option Display

- Data source type drop-down selection replaced by “Disable options that are not valid for the active connection” option
 - Advanced category
 - Options are automatically grayed if they do not apply to the connected data source
 - Checked by default



Disable options that are not valid for the active connection

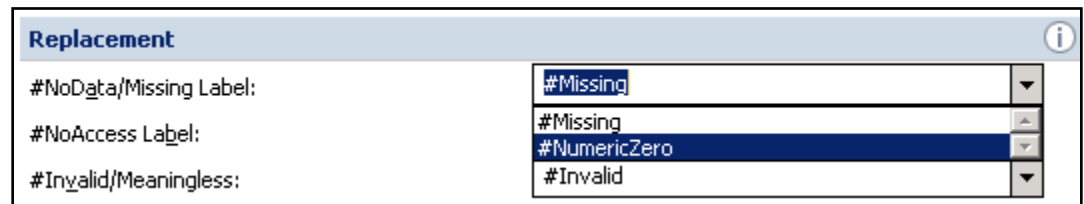
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New Options

- #NumericZero is added as a drop-down selection in place of #Missing, #No Access, and #Invalid

- Data Options category
- No need to manually enter



- Adjust Column width in Formatting category
- Auto adjust column width to size of member name or data

- Formatting category
- Checked by default



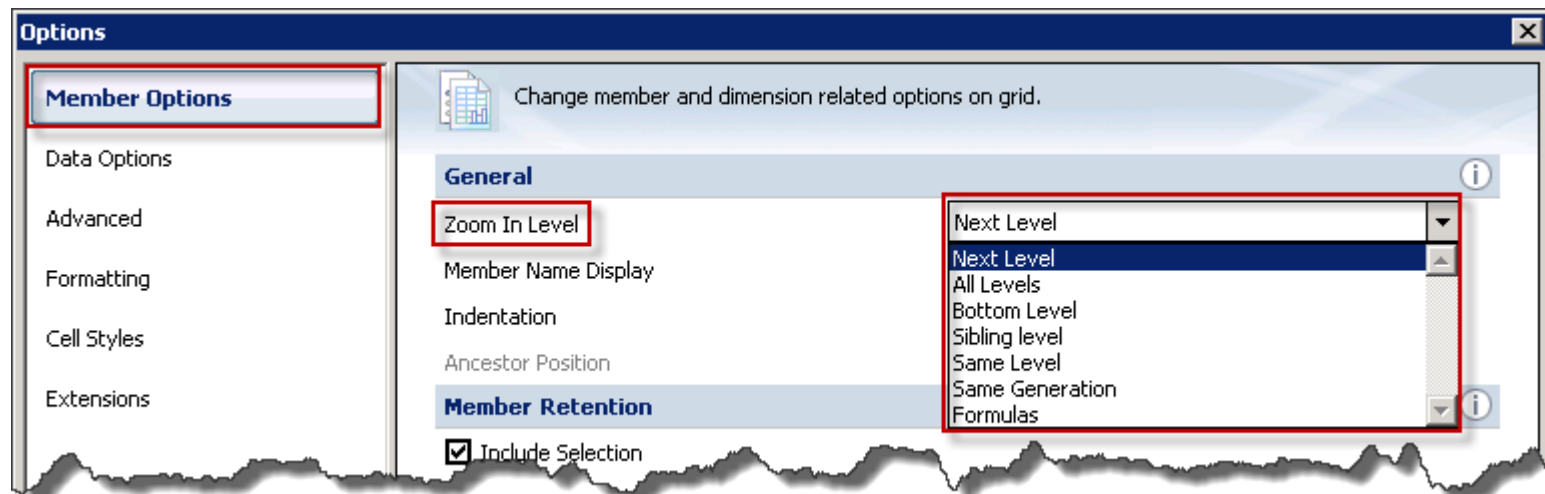
- Linked Objects in Cell Styles category
- Linked objects discussed and shown later

New Zoom In Level Options

- Sibling Level - Retrieve data for the siblings of the selected members.
- Same Level - Retrieve data for all members at the same level as the selected member.
- Same Generation - Retrieve data for all members of the same generation as the selected members.
- Formulas - Retrieve data for all members referenced in the formula or consolidation of the selected member.

New Zoom In Level Options

- Zoom options available in the Options and on the Zoom In command in the Essbase tab
 - Changed option applies to all future Zoom In commands
 - Command drop-down applies only to that command



Zoom In Level Option Examples

Profit % zoomed in using Formulas

Profit % (~) (Dynamic Calc) (Two Pass) [Formula: Profit % Sales;]

	Year
Sales	400855
Profit	105522
Profit %	26.32423195

Product zoomed in using Formulas Diet not included because it does not consolidate to Product (excluded from consolidation (~))

	Profit %
Colas	28.70710611
Root Beer	25.62565315
Cream Soda	25.44154627
Fruit Soda	25.2890894
Product	26.32423195

Product <5> {Caffeinated, Intro Date, Ounces, Pkg Type}	
+100 (+) <3> (Alias: Colas)	
+200 (+) <4> (Alias: Root Beer)	
+300 (+) <3> (Alias: Cream Soda)	
+400 (+) <3> (Alias: Fruit Soda)	
+Diet (~) <3> (Alias: Diet Drinks)	

Zoom In Level Option Examples

Margin zoomed in using Same Level.

Level 1 includes Total Expenses, Inventory, and Ratios.

	Product
Total Expenses	115997
Inventory	117405
Ratios	55.26162827
Margin	221519

Margin zoomed in using Same Generation.

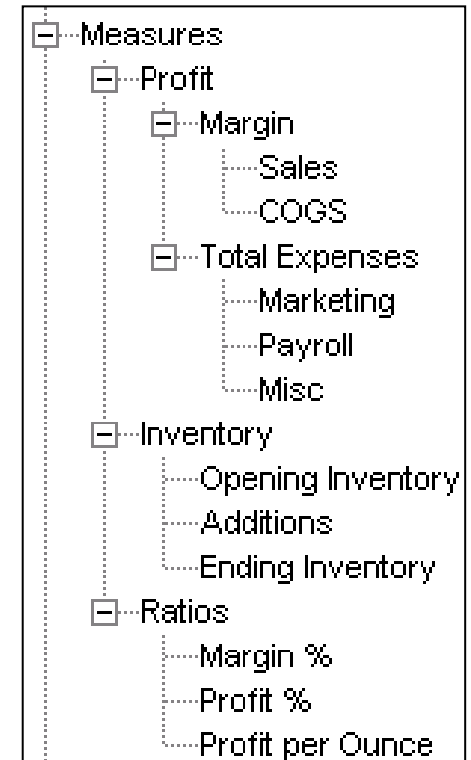
Generation 3 includes Total Expenses, Opening Inventory, Additions, Ending Inventory, Margin %, Profit %, and Profit per Ounce .

	Product
Total Expenses	115997
Opening Inventory	117405
Additions	429774
Ending Inventory	146324
Margin %	55.26162827
Profit %	26.32423195
Margin	221519

Margin zoomed in using Sibling.

Total Expenses is the only sibling.

	Product
Total Expenses	115997
Margin	221519

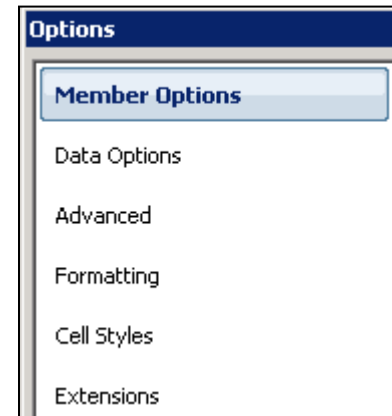


Sheet vs. Global Options

- Sheet Options – Options specific to one sheet
 - Can be changed from sheet to sheet
- Global Options – Options that apply to all sheets
- SS Add In had 5 option tabs, 4 sheet specific, 1 global
- Smart View 9 and 11.1.1 User Guides
 - Sheet and global options are mentioned in the definitions of HypSetGlobalOption and HypSetSheetOption VBA functions
- Smart View 11.1.2 and 11.1.2.1 User Guides have a chapter named Smart View Global Options
 - Implies all options are global
 - Sheet and global options are only mentioned in the definitions of HypGetGlobalOption and HypGetSheetOption VBA functions

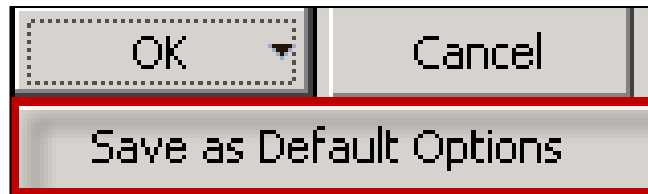
Sheet vs. Global Options

- 11.1.2.1.102 Sheet Options:
 - Member Options
 - Data Options
 - Formatting
- 11.1.2.1.102 Global Options:
 - Advanced
 - Cell Styles
 - Extensions



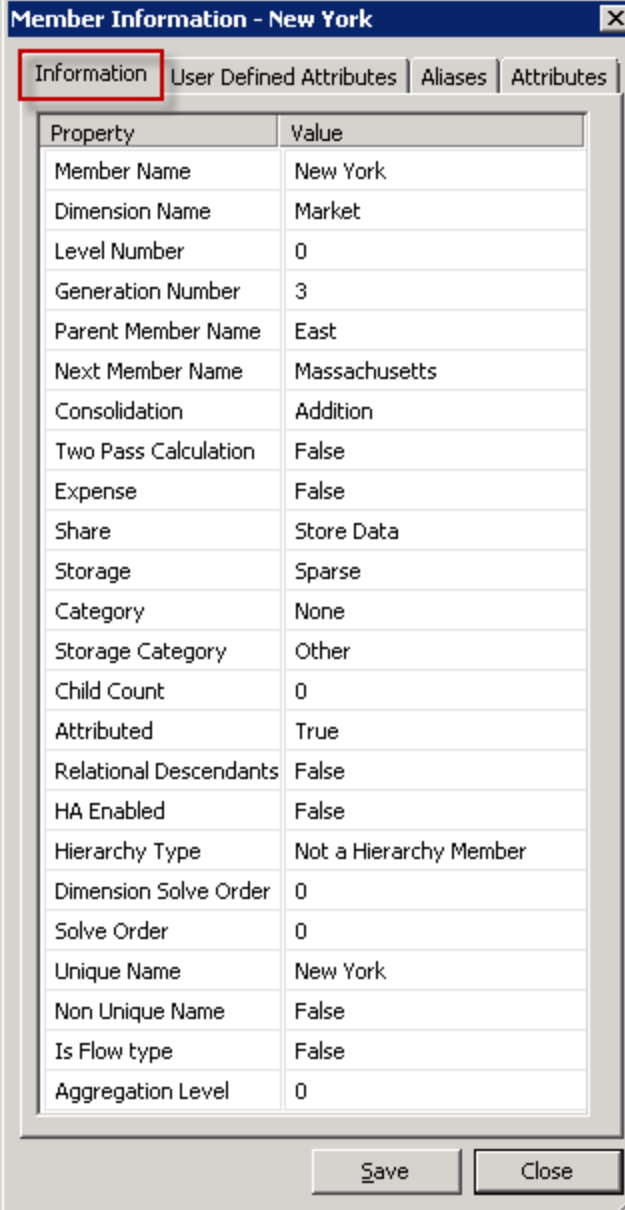
Set Default Options

- Save default sheet and global options
 - Set all options as needed
 - Select Save as Default Options in the drop-down next to the OK button in the Options dialog



Member Information

- Select member and press Member Information button
- General information, UDAs, aliases, and attributes.



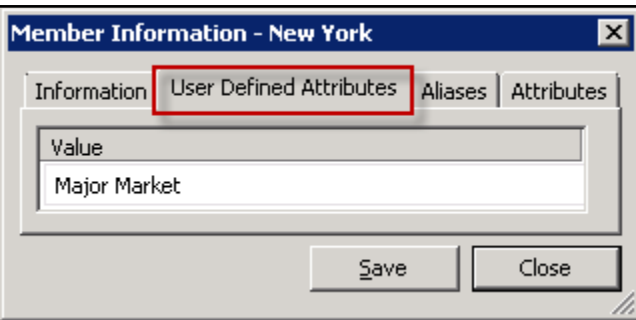
Member Information - New York

Information User Defined Attributes Aliases Attributes

Property	Value
Member Name	New York
Dimension Name	Market
Level Number	0
Generation Number	3
Parent Member Name	East
Next Member Name	Massachusetts
Consolidation	Addition
Two Pass Calculation	False
Expense	False
Share	Store Data
Storage	Sparse
Category	None
Storage Category	Other
Child Count	0
Attributed	True
Relational Descendants	False
HA Enabled	False
Hierarchy Type	Not a Hierarchy Member
Dimension Solve Order	0
Solve Order	0
Unique Name	New York
Non Unique Name	False
Is Flow type	False
Aggregation Level	0

Save Close

Member Information

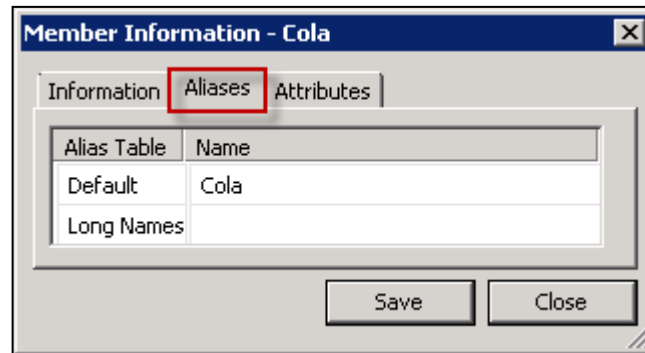


Member Information - New York

Information **User Defined Attributes** Aliases Attributes

Value
Major Market

Save Close

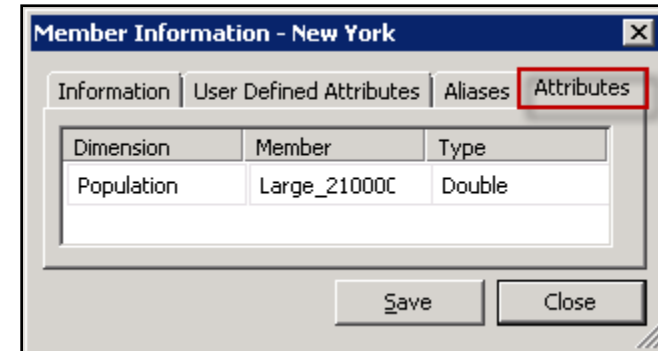


Member Information - Cola

Information **Aliases** Attributes

Alias Table	Name
Default	Cola
Long Names	

Save Close



Member Information - New York

Information User Defined Attributes Aliases **Attributes**

Dimension	Member	Type
Population	Large_21000C	Double

Save Close

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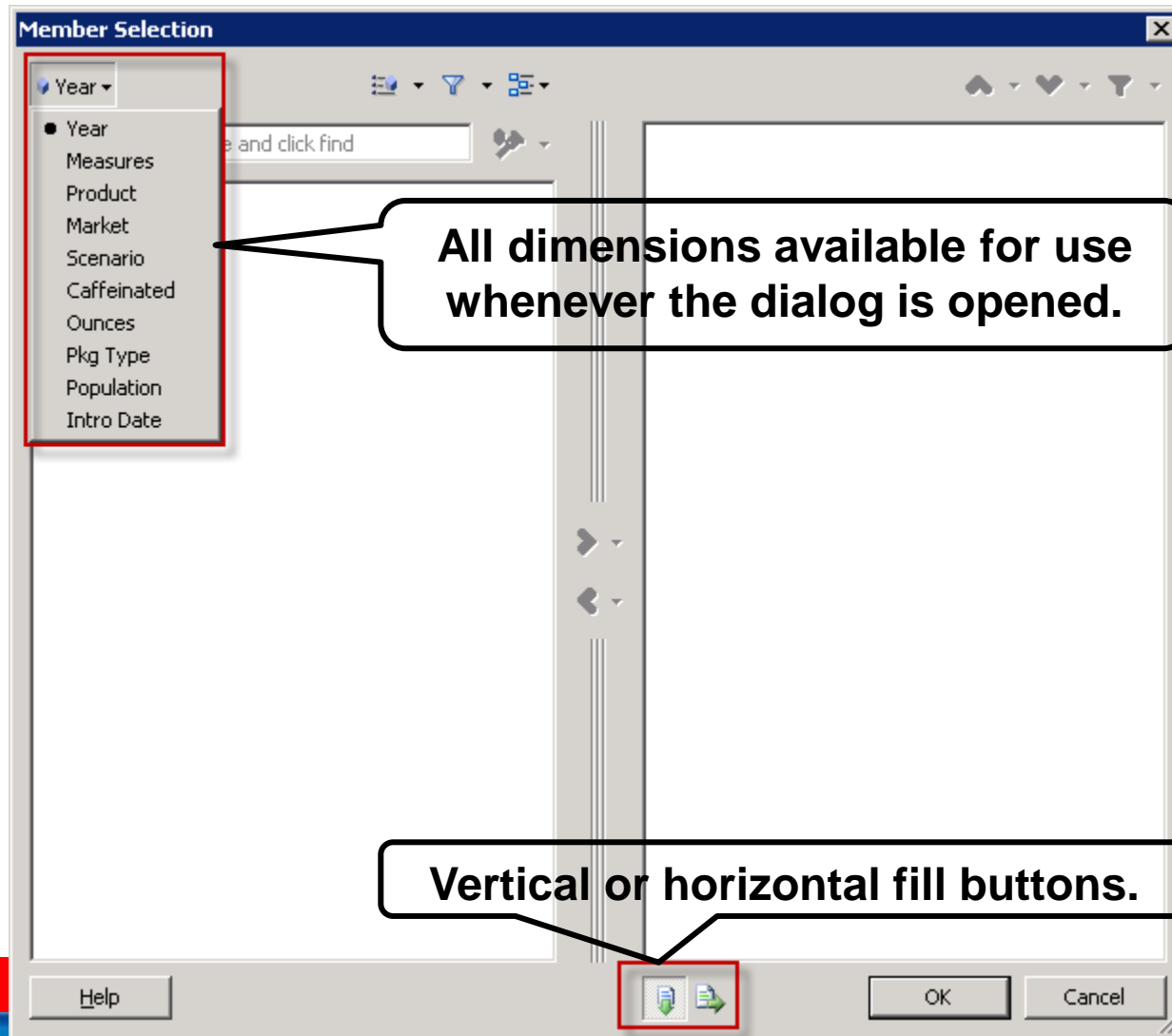
Saved Member Information

- Save button saves information in html file automatically displayed in Excel
- Separate workbook with sheet name containing the member name

	A	B
1	Information	
2		
3	Property	Value
4	Member Name	New York
5	Dimension Name	Market
6	Level Number	0
7	Generation Number	3
8	Parent Member Name	East
9	Next Member Name	Massachusetts
10	Consolidation	Addition
11	Two Pass Calculation	False
12	Expense	False
13	Share	Store Data
14	Storage	Sparse
15	Category	None
16	Storage Category	Other
17	Child Count	0
18	Attributed	True
19	Relational Descendants	False
20	HA Enabled	False
21	Hierarchy Type	Not a Hierarchy Member
22	Dimension Solve Order	0
23	Solve Order	0
24	Unique Name	New York
25	Non Unique Name	False
26	Is Flow type	False

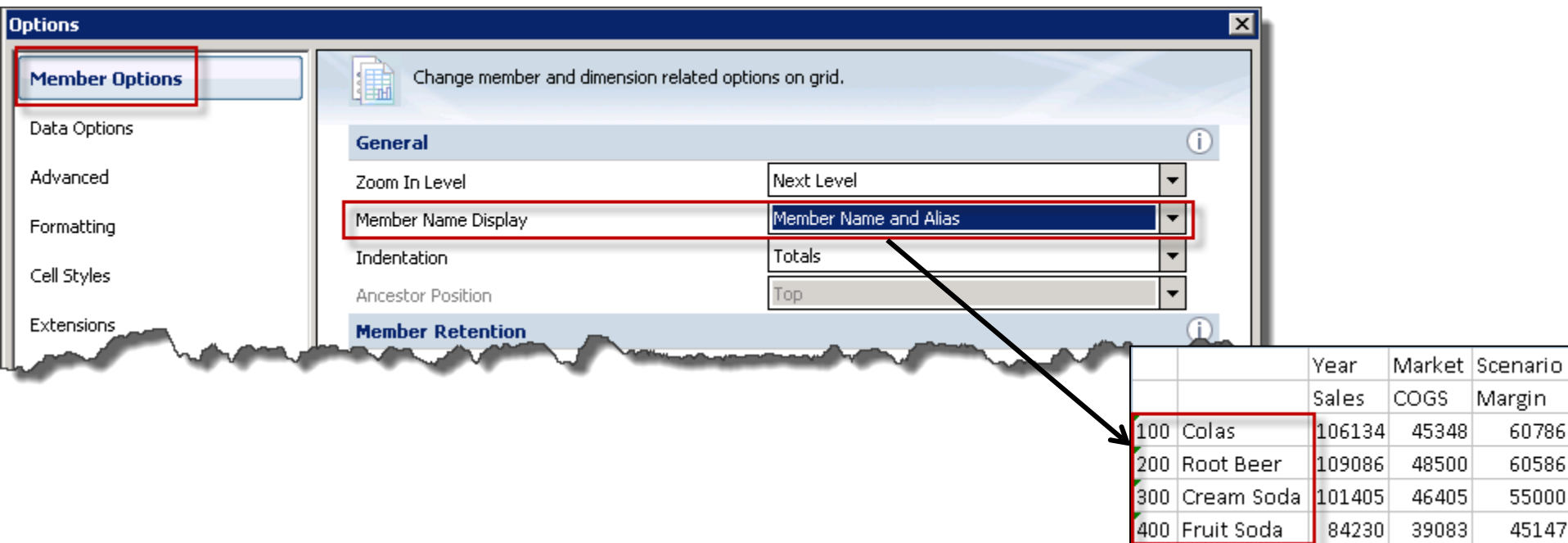
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Member Selection Dialog Redesign



Member Names and Aliases

- Display both member name and alias in row dimensions
 - Members that do not have aliases are displayed twice
- Configured via Options/Member Options/Member Name Display



The screenshot shows the 'Options' dialog box with the 'Member Options' tab selected. The 'Member Name Display' dropdown menu is highlighted with a red box and set to 'Member Name and Alias'. An arrow points from this dropdown to a data table below.

		Year	Market	Scenario
		Sales	COGS	Margin
100	Colas	106134	45348	60786
200	Root Beer	109086	48500	60586
300	Cream Soda	101405	46405	55000
400	Fruit Soda	84230	39083	45147

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Resolve Member Names

- Enter any valid member name on the grid
 - Whether any alias or actual member name
- Upon refresh, the member name displayed depends on the current alias table (or none) for the sheet

Product 100

Alias Table

Alias

English

Bottle

Spanish

Botela

French

Bouteille

Italian

Bottiglia

German

Flasche

Enter the member name or any alias. The name displayed in the grid depends on the current alias table or none.

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Duplicate Member Name Display

- Distinct Member Name Only option in the Member Options displays the qualified member name.
- Only available in reports with connections to Duplicate Member Name databases.

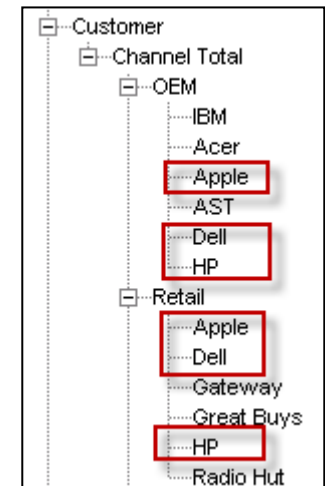
Member Name Display	Distinct Member Name Only
Indentation	Distinct Member Name Only
Ancestor Position	Member Name and Alias
	Member Name Only

Distinct Member Name Only option

	Accounts
[OEM].[Apple]	146053.8
OEM	587524.4
[Retail].[Apple]	128712.375
Retail	646143.8475

Member Name Only option

	Accounts
Apple	146053.8
OEM	587524.4
Apple	128712.375
Retail	646143.8475



Butterfly Reports

- Add row dimension members between column members
- Pivot command destroys butterfly reports
- Zoom or keep/remove on column headers preceding the butterfly members destroys butterfly reports

East	West		South	Central
5380	7137	Qtr1	3077	9109
6499	7515	Qtr2	3267	9826
6346	7939	Qtr3	3515	10112
5936	7270	Qtr4	3379	9215

East	West			South	Central
2747	1042	Qtr1	Colas	1051	2208
562	2325	Qtr1	Root Beer	1465	2369
3352	849	Qtr2	Colas	1198	2473
610	2423	Qtr2	Root Beer	1540	2457

Preserve Formulas and Comments

- Prior version retained formulas automatically
- Preserve Formulas and Comments option in the Member Options category
 - Preserves on Refresh, Zoom, Keep, Remove
 - Does not preserve on Pivot
- If not checked, formulas and comments lost on all ad hoc commands

Comments and Formulas

Preserve Formulas and Comments on Adhoc operation (except pivot)

Preserve Formulas and Comments

Totals column contains formulas.

Qtr1 zoomed. Formulas retained but not propagated to Jan, Feb, and Mar

F3						
fx =SUM(B3:E3)						
	A	B	C	D	E	F
2		East	West	South	Central	Totals
3	Qtr1	5380	7137	3077	9109	24703
4	Qtr2	6499	7515	3267	9826	27107
5	Qtr3	6346	7939	3515	10112	27912
6	Qtr4	5936	7270	3379	9215	25800

	A	B	C	D	E	F
2		East	West	South	Central	Totals
3	Jan	1732	2339	997	2956	
4	Feb	1843	2394	1046	3063	
5	Mar	1805	2404	1034	3090	
6	Qtr1	5380	7137	3077	9109	24703
7	Qtr2	6499	7515	3267	9826	27107
8	Qtr3	6346	7939	3515	10112	27912
9	Qtr4	5936	7270	3379	9215	25800

Formula and Format Fill

- Formula/Format Fill option in the Member Options
 - Propagates formulas and formatting of selected member to zoomed members
 - Use Excel Formatting option must be checked to propagate formatting

Comments and Formulas

- Preserve Formulas and Comments on Adhoc operation (except pivot)
- Formula/Format Fill

Number Formatting

- Use Thousands Separator
- Use Excel Formatting

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Formula and Format Fill

Totals column contains formulas and formatting.

	A	B	C	D	E	F
2		East	West	South	Central	Totals
3	Qtr1	5380	7137	3077	9109	24703
4	Qtr2	6499	7515	3267	9826	27107
5	Qtr3	6346	7939	3515	10112	27912
6	Qtr4	5936	7270	3379	9215	25800

Qtr1 zoomed. Formulas and formatting propagated to Jan, Feb, and Mar

	A	B	C	D	E	F
2		East	West	South	Central	Totals
3	Jan	1732	2339	997	2956	8024
4	Feb	1843	2394	1046	3063	8346
5	Mar	1805	2404	1034	3090	8333
6	Qtr1	5380	7137	3077	9109	24703
7	Qtr2	6499	7515	3267	9826	27107
8	Qtr3	6346	7939	3515	10112	27912
9	Qtr4	5936	7270	3379	9215	25800

Linked Reporting Objects

- Linked Reporting Objects (LRO's) are objects linked to a data cell
 - Reside on the server
- LRO's include:
 - Cell note
 - External file
 - URL
- Not available in Smart View until 11.1.2.1.102
- Select a data cell and use the Linked Objects command in the Essbase ribbon to attach, launch, edit, delete LRO's

Linked Reporting Objects

Linked Objects

Year, Measures, Product, Market, Scenario

Attach

- Cell Note
- File
- URL

Type	Description	Reference	Created By	Last Modified
Cell Note	This is a cell n...		Trnadmin@native direct...	Tuesday, February 28,
File		2.1.2.xlsx	Trnadmin@native direct...	Tuesday, February 28,
URL		http://www.harbinger-group.com/	Trnadmin@native direct...	Tuesday, February 28,

Hide Intersection

Year, Measures, Product, Market, Scenario

Attach

Type	Description	Reference	Created By	Last Modified
Cell Note	This is a cell n...		Trnadmin@native direct...	Tuesday, February 28,
File		2.1.2.xlsx	Trnadmin@native direct...	Tuesday, February 28,
URL		http://www.harbinger-group.com/	Trnadmin@native direct...	Tuesday, February 28,

Hide Intersection

OK

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View Linked Reporting Objects

- New Linked Objects Cell Style

The screenshot shows the 'Options' dialog box with the 'Cell Styles' tab selected. The 'Analytic Services' folder is expanded, showing 'Member cells' and 'Data cells'. Under 'Data cells', the 'Linked Objects' cell style is highlighted in orange. The 'Common' folder is also expanded. The 'Style precedence is in descending order' message is visible at the top of the dialog.

	Measures
Year	105522

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Linked Partitions

- Linked database partitions are now supported in Smart View
- Linked partition connects two databases from a data cell
 - Navigate from the current grid to a second database on a new sheet
 - View the data in different contexts
 - Perform ad hoc operations on the dimensions in the linked database
- Linked partitions appear in the LRO dialog for the cell
- Launch the link (new worksheet)
 - From the LRO dialog
 - Double-click the cell if it is the only LRO

Linked Partitions

Year, Measures, Product, Eastern Region, Scenario

Attach

Type	Description	Reference	Created By	Last Modified
Linked		Test:1423.Samppart.Company		

Hide Intersection

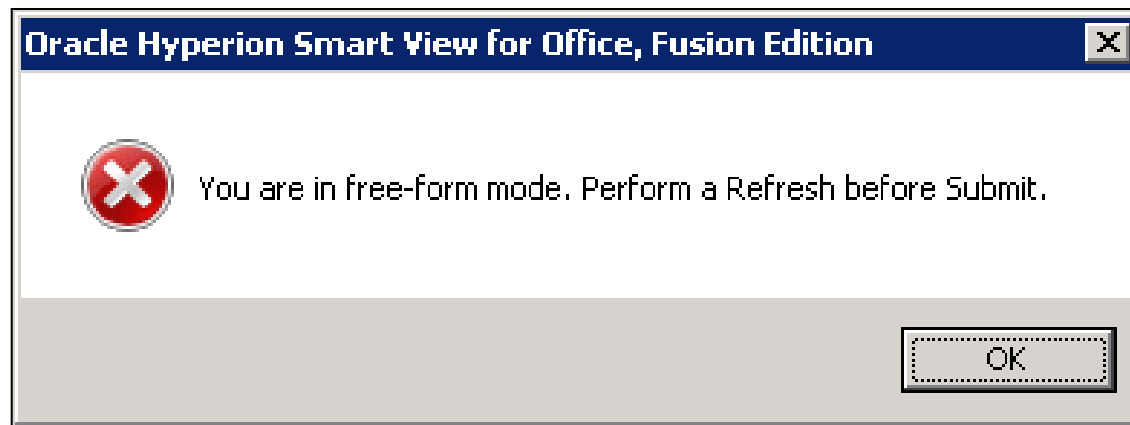
OK

Submit without Refresh

- SS Add In allowed the following Lock and Send process
 - Manual member name change on sheet (ex. Actual to Budget)
 - Change numeric values
 - Lock and Send
 - Retrieve (to resolve member name change) prior to Lock and Send not required
 - Numeric values updated for the manually entered member name

Submit without Refresh

- Prior versions of Smart View required Refresh after manual member name change
 - If changed numeric values are entered prior to Refresh, the following error message was received
 - Upon Refresh, changed numeric values are lost and must be re-entered



Substitution Variable Usage

- In the past, substitution variable references were lost upon Refresh
 - Member name (ex. Qtr3) replaced substitution variable (ex. &CurQtr)
 - Unless Excel templates are used
- Use the HsGetVariable function instead of *&subvarname*
 - =HsGetVariable("connection_name","subvarname")
 - *connection_name* and *subvarname*) must be in quotes
 - *subvarname* is not preceded by an ampersand
 - Enter the function in the formula bar or use the Smart View tab Function Builder
- Check the Preserve Formulas option for function retention

Substitution Variable Usage

The screenshot shows the Oracle Function Builder dialog box with the following components and steps:

- 1. Select Connection:** The connection is set to "Sample_Basic".
- 2. Select Function:** The function "HsGetVariable" is selected from the list. Its description is "Retrieves values from the source."
- 3. Select Member:** The member "CurQtr" is selected from the "Variables" dropdown menu.
- 4. Add to Function:** The "Add to Function" button is clicked.
- 5. OK:** The "OK" button is clicked to confirm the function.

The "Substitution Variables" table is shown below:

Application	Database	Variable	Value
(all apps)	(all dbs)	CurQtr	Qtr3

The "Function" field contains the formula: `=HsGetVariable("Sample_Basic","CurQtr")`

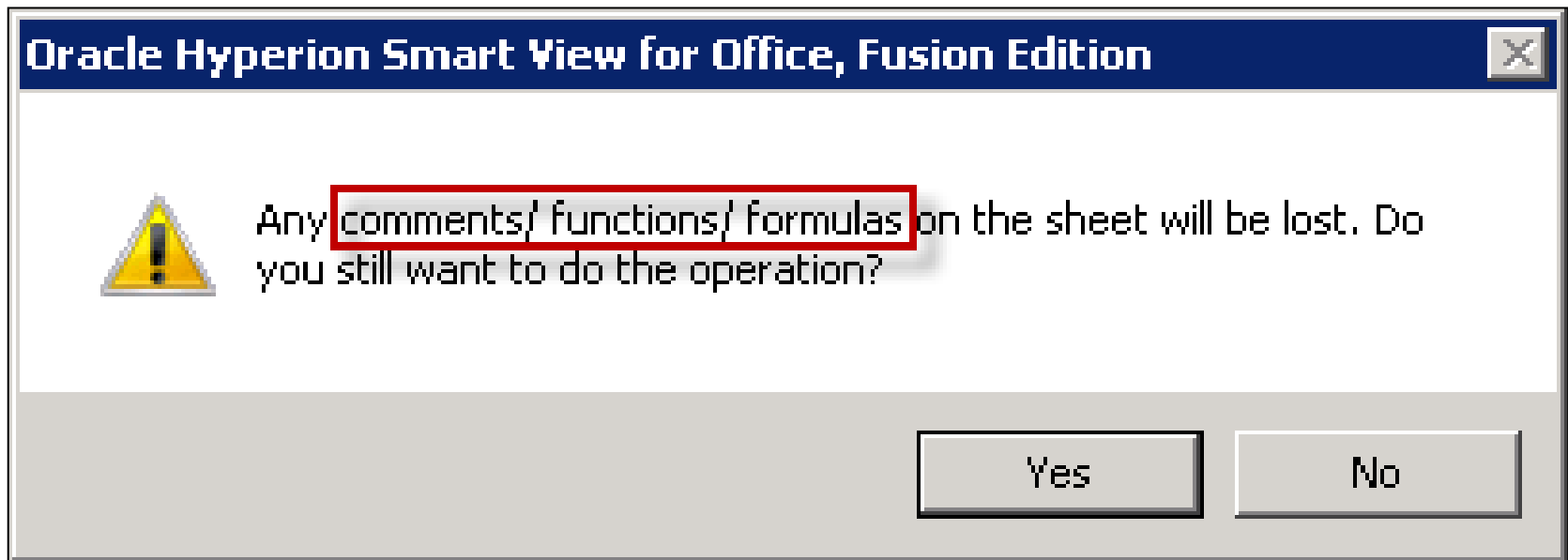
The spreadsheet below shows the result of the function call in cell A3:

	A	B	C	D	E	F	G
2		Diet Cola	Caffeine Free Cola	Colas	Root Beer	Cream Soda	Fruit Soda
3	Qtr3	1528	400	8511	7005	6698	5698

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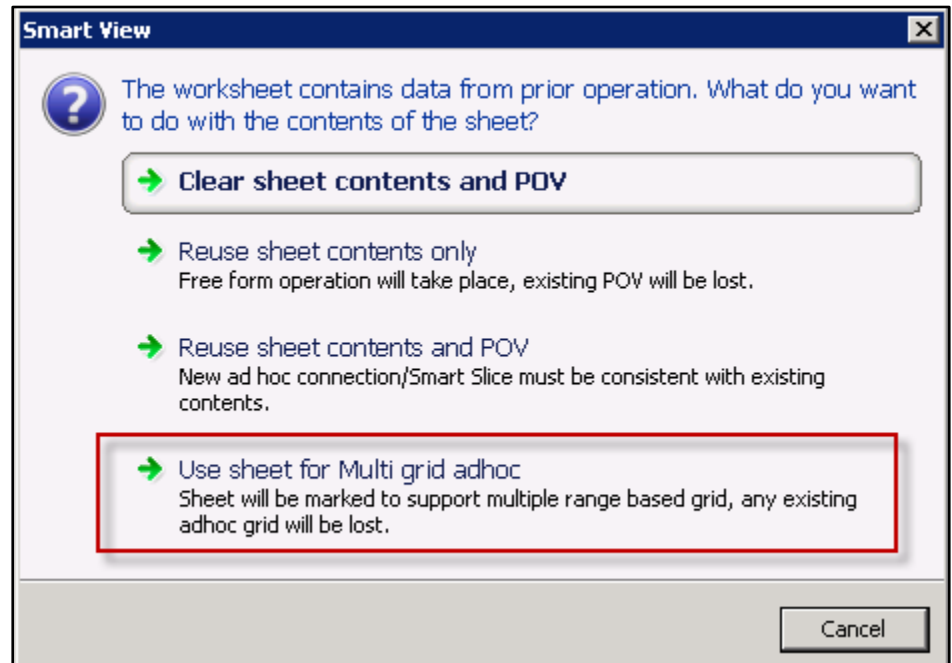
Substitution Variable Usage

- There is no HsSetVariable equivalent similar to HsSetValue
- Warning: Functions are lost upon Pivot



Multiple Grids

- Multiple grids can exist on one sheet
 - Create first grid as usual
 - Select at least a **2x2** set of cells outside of initial ad hoc grid
 - Select same or different database in the Smart View Panel and use the **Ad hoc analysis** command
 - Existing ad hoc grid is not lost



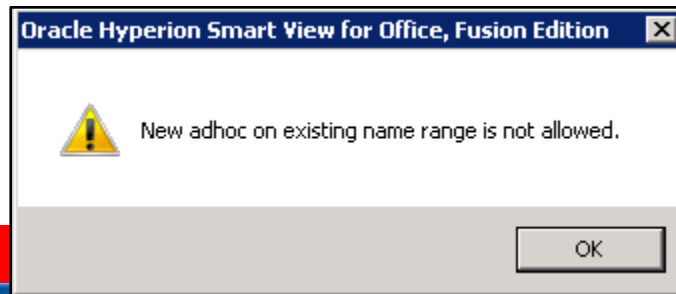
Multiple Grids and POV

- POV headers are displayed on the grid
 - If initial grid displayed POV toolbar, POV headers are pivoted to the grid
- POV toolbar is no longer available
- POV toggle button is disabled
- Pivot to POV command is disabled

Multiple Grids

	A	B	C	D	E
1		Product	Market	Actual	
2		Profit	Inventory	Ratios	Measures
3	Qtr1	24703	117405	55.25255688	24703
4	Qtr2	27107	119143	55.38705141	27107
5	Qtr3	27912	143458	55.00356413	27912
6	Qtr4	25800	141850	55.41720586	25800
7	Year	105522	117405	55.26162827	105522
8					
9		Product	Market	Budget	
10		Profit	Profit_%	Margin_%	Accounts
11	Q1	31841.4	22.5043466	60.52046081	31841.4
12	Q2	29903.1	21.60472509	60.5672278	29903.1
13	Q3	33673.5	23.21029777	60.45044114	33673.5
14	Q4	56211	30.11572462	60.74149478	56211
15	Period	151629	24.7909684	60.58188774	151629

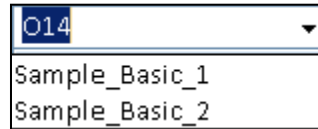
- Cannot create a new grid over an existing grid



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Multiple Grids

- Each grid becomes a named range



- All grids move as necessary to accommodate change in size (zoom, pivot) of any other grid
- Refresh command refreshes all grids on sheet
- Refresh one grid by selecting the grid cells prior to the refresh command

New Smart View VBA Functions

- Linked Reporting Object Cell Functions
 - HypRetrieveLRO – Retrieves Linked Reporting Objects associated with specified cells
 - HypAddLRO – Adds Linked Reporting Objects to specified cells
 - HypUpdateLRO – Updates Linked Reporting Objects associated with specified cells
 - HypListLROs – Lists all Linked Reporting Objects associated with specified cells
 - HypDeleteLROs – Deletes one or more Linked Reporting Objects from specified cells
 - HypDeleteAllLROs – Deletes all Linked Reporting Objects from specified cells
- Linked Reporting Object Menu Function
 - HypMenuVLRO – Opens Linked Reporting Objects dialog box

New Smart View VBA Functions

- Option Functions
 - HypSetOption – Set both global and sheet options
 - HypGetOption – Get both global and sheet options
- Name Range Functions
 - HypGetNameRangeList – Returns a list of named range grids for a given connection
 - HypRetrieveNameRange – Refreshes named range grids
- Member Information Functions
 - HypGetMemberInformation – Returns the properties for a selected member
 - HypMenuVMemberInformation – Opens the Member Information dialog box

New Smart View VBA Functions

- HypShowPOV – Used to display or hide the POV toolbar
- Drill Through Report Cell Functions
 - HypGetDrillThroughReports – Retrieves a list of drill-through reports
 - HypExecuteDrillThroughReport – Executes the specified drill-through report

Smart View 11.1.2.1.102 Requirements

- Smart View 11.1.2.1.102 features are available only if:
 - Essbase Server & Analytic Provider Services (APS) are upgraded to 11.1.2.1.102
 - Uninstall of prior versions not required, patch upgrade
- Can be used with Essbase 11.1.2.1 Server, but without the new features
- This version contains features for Essbase only
- MS Office versions supported
 - 2010
 - 2007 Service Pack 2
 - 2003

Follow Up

- Questions
 - Craig Mesenbring
 - cmesenbring@harbinger-group.com
 - 763-235-1841
- HCG contact information
 - 763-785-1028
 - Web site: <http://www.harbinger-group.com>
 - Linked In: <http://www.linkedin.com/companies/hcg>
 - YouTube: <http://www.youtube.com/hcguniversity>



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