

FSGs Made Simple



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InfosemanticsSM

People first. Driving solutions together.

About the Speaker

- 25 years E-Business Suite support
- GL SIG Board
- OAUG Board 1994-2009, 2014-2017, former President
- Member ATG Customer Advisory Board
- Workflow SIG Board
- OAUG Board Liaison User Management SIG
- Over 100 presentations worldwide
- Co-author multiple books on E-Business Suite



InfosemanticsSM

People first. Driving solutions together.



- Established in 2001
- SBA 8(a) Small Business disadvantaged company
- GSA Schedule contract GS-35F-0680V
- Texas State HUB vendor
- For more information, check out our web site at www.infosemantics.com
 - R12.1.3, OBIEE **NEW** R12.2.5 public vision instances
 - Posted presentations on functional and technical topics

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Agenda

- Overview
- Row Sets
- Column Sets
- Content Set
- Report Definition
- Generate FSG
- FSG Alternatives
- References
- Q&A

Advanced FSG Topics (Not Included Here)

- Report Creation with varying detail levels
- FSGs with Reporting Attributes
- Display Set
- Row Order
- Exceptions
- Percent of Row
- XBRL Taxonomies
- Security
 - Securing changes to FSG components
 - Security access to view reports by CoA segment
- Copying FSGs from one database to another
- BI Publisher Template Creation/Modification
- Report Manager Security / Report Retention

Overview

12.2.5 / 12.1.3 Vision Particulars

- Responsibility – General Ledger, SSC Worldwide
 - Data Access Set – SSC All
 - ▶ Ledger Set – SSC All
 - SSC US
 - SSC Italy
 - SSC Italy ALC (USD) – Reporting Currency
 - SSC France
 - SSC France ALC (USD) – Reporting Currency
 - Data is populated for 2007, 2008, 2009
 - ▶ Period Names are MM-YY

Report Used Throughout Presentation

Balance Sheet SSC

		Balance Sheet SSC		Date:02-JAN-2016 20:54:59
		SSC All		Page:1
		Current Period:12-07		
Currency: USD				
No specific Ledger requested				
		PTD-Actual 12-07	YTD-Actual 12-07	
ASSETS				
Current Assets				
Cash and Short Term Investment		<u>-13,467,799</u>	<u>-265,258,463</u>	
Accounts Receivables - Net of A		<u>12,205,547</u>	<u>64,976,710</u>	
Receivables Group Companies			<u>32,218</u>	
Other Current Assets		<u>776,997</u>	<u>26,609,812</u>	
Inventory			<u>115,991,462</u>	
Total Current Assets		<u>-485,255</u>	<u>-57,648,261</u>	
PROPERTY, PLANT, EQUIPMENT				
Cost of Property, Plant & Equipment			<u>137,111,176</u>	
Less Accum. Depr & Amortization			<u>-32,373,470</u>	
Net Book Value of Assets			<u>104,737,706</u>	
OTHER ASSETS				
Other Assets			<u>39,817,636</u>	
TOTAL ASSETS		<u>-485,255</u>	<u>86,907,082</u>	

FSG Components

- Row Set – Typically for:
 - Account Assignments
 - Calculations
 - Formatting underlining page breaks, extra lines
- Column Set – Typically for:
 - Amount Type
 - Offset
 - Calculations
 - Formatting numbers in each column
 - Segment Value Override

FSG Components

- Content Set
 - Repeat use of row/column set combination for multiple values of parent/range
- Row Order
 - Display description with or instead of number
 - Sort row by value in a column
 - Change account segment order
- Display Set
 - Blank intersection of row and column

FSG Components

- Report
 - Combination of row set and column set and (optionally) content set and/or row order and/or display set
- Report Set
 - Collection of reports that should be run together for same period
 - ▶ Eliminates need to submit each report individually

Currency Profile Options

- Used by FSG to determine how to display numbers
- Can be updated at any level
- Currency:Positive Format
 - XXX
 - +XXX
 - XXX+
- Currency:Negative Format
 - (XXX)
 - <XXX>
 - -XXX
 - XXX-

FSG Tips

- Clearly define reporting requirements
- Start with basic FSG structure utilizing a Balance Sheet and Income Statement
- Keep your reporting Structure Simple
 - Row Set
 - Column Set(s)
 - Content Set (if breakdown by single segment desired)
 - Report
- Try to stick with provided templates for publishing
 - Otherwise will have to develop/modify templates using BI Publisher

FSG Tips

- Remember
 - Liabilities and Revenues are stored in database as negative numbers
 - ▶ Click 'Change Sign'
 - Retained Earnings is only updated once / year
 - ▶ On Balance Sheet, Current Year Profit/Loss is a calculation
- Balance Sheet / P&L – account ranges should include all possible values even if specific value in range not currently defined

Row Sets

Defining Row Set

- Reports | Define | RowSet
- Enter Name and Description
 - Do not use & in Name (disables ability to copy FSG's from database to database)
- If creating XBRL report, select XBRL Taxonomy
- Click Enable Security to secure row
- Choose Define Rows

Row Set (SSC All)

Name: Balance Sheet SSC

Description: Balance Sheet with early row order

XBRL Taxonomy: [Empty]

Enable Security []

Define Rows

Assign Access Define Report AutoCopy

Defining Row Set

Rows (SSC All) - Balance Sheet SSC

Line Line Item []

Format Options

Indent Lines to Skip Before After Underline Character Before After Page Break Before After

Advanced Options

Balance Control

Amount Type
Currency
Control Value
Offset

Override Column Calculations

Row Name
Percent of Row
XBRL Element

Display Options

Format Mask
Factor
Level of Detail

Display Row
 Display Zero
 Change Sign
 Change Sign on Variance

Defining Row Set

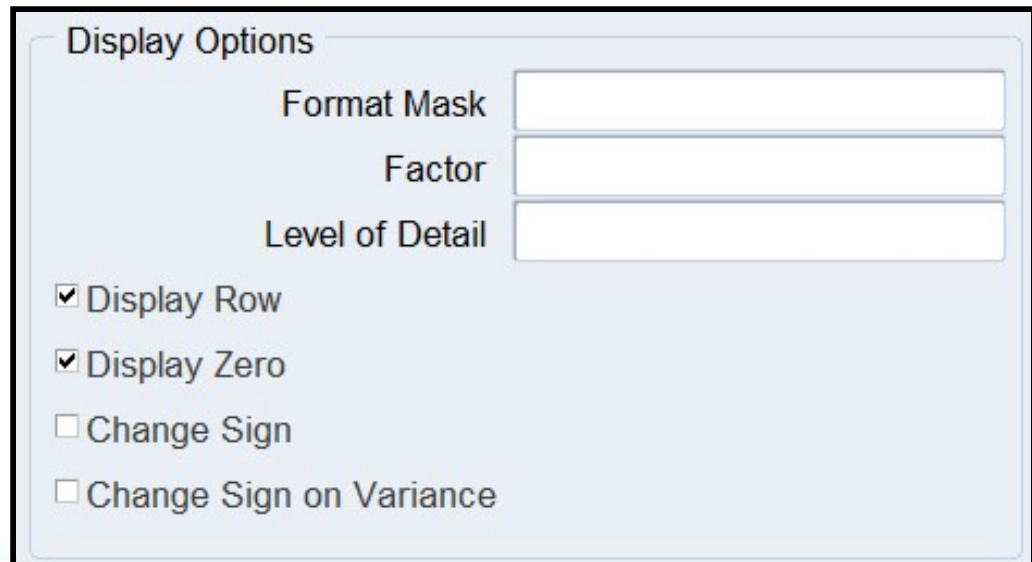
- Line Number-required – controls sequence of display – recommend increments of 100
- Description
 - Prints on report (may be blank)
- Formatting of row
 - Indent
 - Lines to Skip
 - Underline Character
 - Page break

The screenshot shows a configuration window for defining a row set. At the top, there is a 'Line' field with the value '30' and a 'Line Item' field with the value 'Inventory'. Below these fields is a 'Format Options' section. This section contains four main categories: 'Indent', 'Lines to Skip', 'Underline Character', and 'Page Break'. Each category has a 'Before' and 'After' sub-section. The 'Indent' field has a value of '0'. The 'Lines to Skip' field has a value of '0'. The 'Underline Character' field has a value of '_'. The 'Page Break' section has two checkboxes, 'Before' and 'After', both of which are unchecked. There is a small checkmark icon in the top right corner of the window.

Defining Row Set

■ Display Options

- Format Mask – used to override Column, such as a percentage row that should only have 1 decimal point
- Factor – <null>, Units, Thousands, Millions, Billions, Percentiles
- Level of Detail – no value = Financial Analyst
 - ▶ Financial Analyst
 - ▶ Supervisor
 - ▶ Controller



Display Options

Format Mask

Factor

Level of Detail

Display Row

Display Zero

Change Sign

Change Sign on Variance

Defining Row Set

- Display Options (continued)
 - Display Row – if unchecked, row will not display regardless of values in each column
 - Display Zero – if unchecked and ALL columns zero, row will not display
 - Change Sign – allows displaying of revenues and liabilities as positive without calculations
 - ▶ Note: For calculations, still a credit
 - Change Sign on Variance – if amount type is variance, reverses sign of result (reverses calculation from budget minus actual to actual minus budget)

Defining Row Set

- Balance Control – N/A for Calculations – use when need different amount type/currency for this row different than that specified in the column - will apply to ALL COLUMNS for this row ONLY
 - Amount Type (usually specified in Column Set)
 - Currency – to pull in STAT, for example
 - Control Value – required if Amount Type is Budget or Encumbrance or Variance
 - ▶ Can also be used to specify different currencies at report definition time
 - Offset – to move reporting period forward or backward

Balance Control	
Amount Type	<input type="text"/>
Currency	<input type="text"/>
Control Value	<input type="text"/>
Offset	<input type="text"/>

Defining Row Set

- Advanced Options
 - Override Column Calculations – check if using both row and column calculations and row calculation should be used in all columns (example, % calculations of totals)
 - Row Name – specify if desire to use name instead of row number in calculations
 - Percent of Row – not covered in this presentation
 - XBRL Element – if XBRL Taxonomy declared on Row Set header, then select element for this row

<input type="checkbox"/>	Override Column Calculations
Row Name	Row 11 - Calculations
Percent of Row	
XBRL Element	

Defining Row Set

- Unless row is defined as a header (i.e. no amount are expected in any of the columns), after filling in appropriate fields, click one of the following
 - Account Assignments - tells FSG the accounting combination(s) to be used to derive the balance
 - Calculations – used to calculate an amount based on values in previous rows

Defining Row Set

- Account Assignments
 - Summary Flag
 - ▶ Segment must be parent used in summary account
 - ▶ If box is checked
 - Reads summary balance instead of calculating balance
 - Parent values are not expanded to children if Display = E
 - ▶ If box is not checked
 - If Display Type = E, expands to lowest level of children
 - Activity Type – Net, DR, CR

Sign	Accounts	Summary	Activity
	Low High		[]
+	...11000.... ...11999....	<input checked="" type="checkbox"/>	Net
		<input type="checkbox"/>	

Defining Row Set

- Account Assignments
 - Only specify segments that restrict selection
 - Display Types
 - ▶ T – Total – use when no value specified (or to total) – only supported choice if Acct Assignments has multiple rows
 - ▶ E – Expand range and display all values
 - ▶ B – Expand and Total

The screenshot shows a dialog box titled "Primary Ledger FLEX". It contains three columns of input fields: "Low", "High", and "Display".

Field	Low	High	Display
Ledger	<input type="text"/>	<input type="text"/>	<input checked="" type="checkbox"/> Total
Company	<input type="text"/>	<input type="text"/>	<input type="checkbox"/> Total
Division	<input type="text"/>	<input type="text"/>	<input type="checkbox"/> Total
Account	11000	11999	<input type="checkbox"/> Total
SubAccount	<input type="text"/>	<input type="text"/>	<input type="checkbox"/> Total
Department	<input type="text"/>	<input type="text"/>	<input type="checkbox"/> Total
Product	<input type="text"/>	<input type="text"/>	<input type="checkbox"/> Total
I/C	<input type="text"/>	<input type="text"/>	<input type="checkbox"/> Total

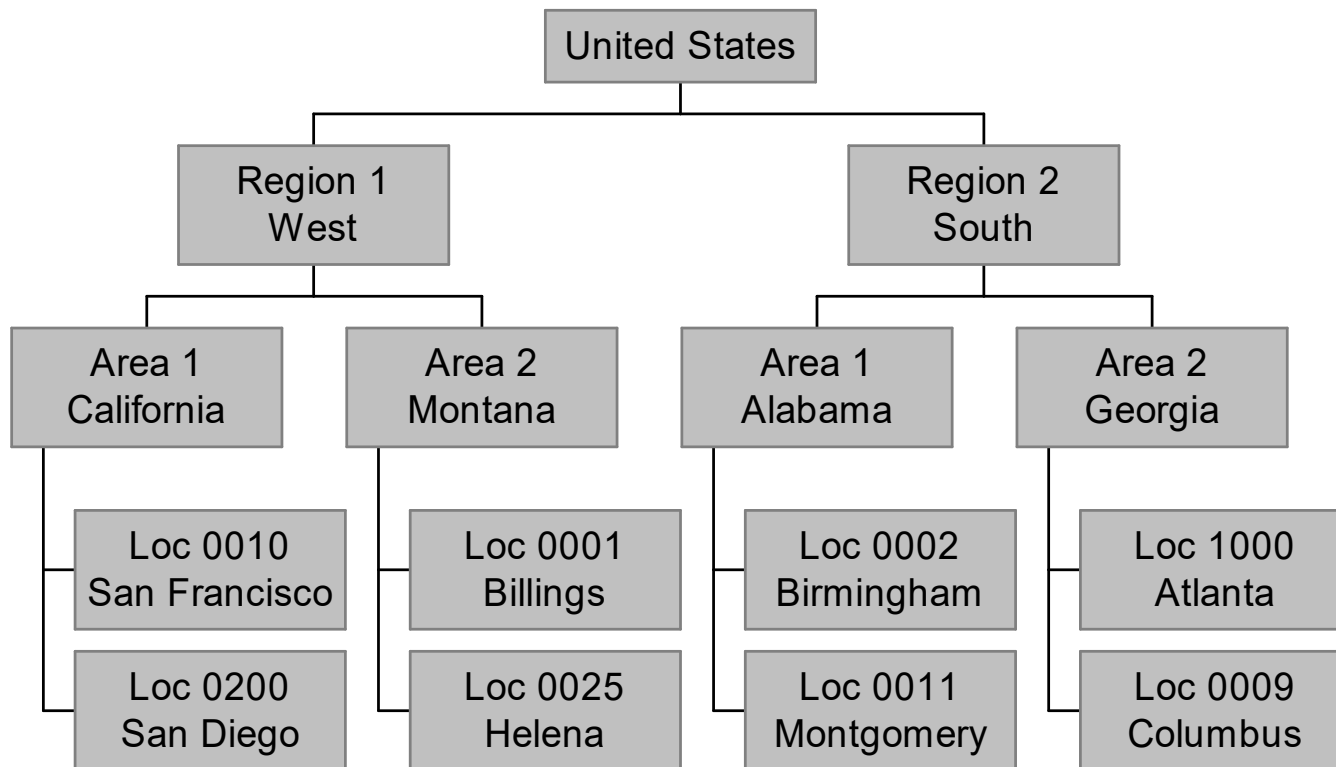
At the bottom of the dialog box are four buttons: "OK", "Cancel", "Clear", and "Help".

Defining Row Set

- Profile Option FSG: Expand Parent Value
 - Yes – if value is parent belonging to rollup group, E does not expand to children (thus range s/b multiple parents)
 - No – FSG uses Summary Flag to determine whether to expand each parent value to child values

Sample of Expanding

Sample Hierarchy



Sample of Expanding FSG: Expand Parent Value = No

- Below assumes E specified for this segment
- Value US through US, Summary = 'Yes'
 - No expansion
- Value US through US, Summary = 'No'
 - Expands to each city, not each state
- Value AL through WY, Summary = 'Yes'
 - Expands to show total for each state
- Value AL through WY, Summary = 'No'
 - Row will not show – this definition not supported

Balance Sheet
SSC

SSC All
Current Period:12-07

Date:02-JAN-2016 20:54:59
Page:1

Currency: USD
No specific Ledger requested

	PTD-Actual 12-07	YTD-Actual 12-07
ASSETS		
Current Assets		
Cash and Short Term Investment	-13,467,799	-265,258,463
Accounts Receivables - Net of A	12,205,547	64,976,710
Receivables Group Companies		32,218
Other Current Assets	776,997	26,609,812
Inventory		115,991,462
Total Current Assets	-485,255	-57,648,261
PROPERTY, PLANT, EQUIPMENT		
Cost of Property, Plant & Equipment		137,111,176
Less Accum. Depr & Amortization		-32,373,470
Net Book Value of Assets		104,737,706
OTHER ASSETS		
Other Assets		39,817,636
TOTAL ASSETS	-485,255	86,907,082

Defining Row Set

■ Calculations

■ Valid operators

- ▶ + - x / %
- ▶ Enter – Enter Value – may have to do an Enter 0 (zero) if first calculation is not +
- ▶ Average
- ▶ Median
- ▶ StdDev – Standard Deviation
- ▶ Abs– Absolute value

Seq	Operator	Constant	Low	High	Row Name	[]
10	+		15	30		

Easy Calc

■ $[(A+B)*C] / (D + G)$

■ Enter A

■ + B

■ * C

■ Enter D

■ + G

■ /

Column Sets

Defining Column Set

- Reports | Define | Column Set
- Enter Name and Description
 - Do not use & in the Name (disables ability to copy column sets from database to database)
- Override Segment – If each column will represent different value for CoA segment, specify segment
- Click Enable Security to secure row
- Choose Define Columns

Column Set (SSC All)

Name: B/S-I/S-Current Month Actuals

Description: Includes current month actuals plus a year-to-date total. Amounts are in uni

Override Segment: []

Enable Security []

Buttons: Create Heading, Define Columns, Build Column Set, Assign Access, Define Report, AutoCopy

Defining Column Set

Columns (SSC All) - B/S-I/S-Current Month Actuals

Position: 46
Sequence: 10
Format Mask: 9,999,999,999
Factor: Units

Balance Control
Amount Type: PTD-Actual
Currency:
Control Value:
Offset: []

Advanced Options

Column Name: Current Month Actuals
Description:
Percent of Column:
Override Value:
 Override Row Calculations

Display Options
Level of Detail: ...
 Display Column
 Display Zero
 Change Sign
 Change Sign on Variance

Calculations Account Assignments Exceptions

Defining Column Set

- Position
 - Zero if “hidden” column, else number of spaces to start column from left margin
 - Any number will work, use Column Builder to adjust
 - Defines order of display (not sequence)
- Sequence – specified to enable access in calculation
 - Per MOS note 189265.1 (point 8) can only reference PREVIOUS sequences in calculations
- Factor – <Null>, Units, Thousands, Millions, Billions, Percentile
 - Row definition wins
- Format Mask
 - Row Definition wins

Position	46
Sequence	10
Format Mask	9,999,999,999
Factor	Units

Defining Column Set

- Format Mask
 - How negatives displayed governed by Profile Option “Currency:Negative Format”
 - Thousands separator governed by Profile Option “Currency:Thousands Separator”

Defining Column Set

- Balance Control
 - Currency – Default is Ledger currency or currency specified on report definition or at runtime
 - ▶ Value here overrides everything, useful for STAT or column sets showing each column in a different currency
 - Control Value – Required if Amount Type references a budget, encumbrance, or variance type or uses &CPOI (Constant period of interest) – optional to specify currency
 - ▶ What each number represents defined at report level

Balance Control	
Amount Type	PTD-Actual
Currency	
Control Value	
Offset	

Defining Column Set

- Balance Control (continued)
 - Offset – number to represent periods before (negative number) or ahead (positive number) of period specified when report is run
 - ▶ Based on calendar assigned to Ledger against which report run (i.e. don't forget adjusting periods)
 - Amount Type – see next slide

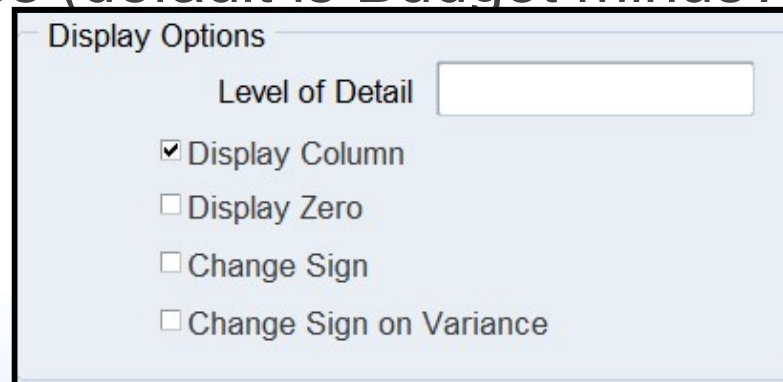
Balance Control	
Amount Type	<input type="text" value="PTD-Actual"/>
Currency	<input type="text"/>
Control Value	<input type="text"/>
Offset	<input type="text"/>

Defining Column Set – Amount Types

- PTD Actual, PTD Budget, PTD Encumbrance
- QTD Actual, QTD Budget, QTD Encumbrance
- YTD Actual, YTD Budget, YTD Encumbrance
- Project-Actual, Project Budget, Project-Encumbrance
- PTD, QTD, YTD Project Variance – budget to actual
- PTD, QTD, YTD Project Variance %
- PATD, QATD, YATD – Average-to-date
- EOD – End of Day
- Bal-Actual(FY Start) – Balance at start of year – for balance sheet reporting
- YTD Budget (FY End) – Budget for full fiscal year
- YTD Encumbrance (FY End) – Encumbrance full year
- YTD Actual (FY End) – Actual Balance full fiscal year

Defining Column Set

- Display Options
 - Level of Detail (more useful at row level)
 - Display column – check this or column won't display
 - Display zero – if not checked and all rows = 0 for this column, won't display
 - Change sign (useful where account segment values specified)
 - Change sign on variance – only applies to Variance amount types (default is Budget minus Actual)



Display Options

Level of Detail

Display Column

Display Zero

Change Sign

Change Sign on Variance

Defining Column Set

- Advanced Options
 - Override Value – if specify Override Segment on Column Set Header, specify value for column
 - Override Row Calculation – check if using both row and column calculations and column calculation should be used in all rows
 - Column Name / Description – useful in complex column sets to state purpose of column – name shows in Column Builder

Advanced Options

Column Name	Current Month Actuals
Description	
Percent of Column	
Override Value	

Override Row Calculations

Defining Column Set

- Assignments and Calculations same as for rows
 - For Assignments, result on report is intersection of row and column
 - ▶ If specify Ledger/Ledger Set only Display Type T is supported
 - For Calculations, cannot reference column with higher sequence number
 - ▶ Column calculation takes precedence over row calculation unless Override flag checked on row
 - ▶ Cannot use calculations on column set for XBRL reports

Creating Column Headings

- Text Reports that can be printed from EBS are either 80, 132, 180, or 255 characters wide (printer restriction, not FSG)
 - 80 requires profile option FSG:Allow Portrait Style=Yes
 - 255 requires setting up custom print style
- Greater than 255 characters can be run using a BI Publisher Template
 - Publishes to html, Word, Excel, PDF
 - Run from
 - ▶ Report Manager
 - ▶ Program – FSG Publish Report

Creating Column Headings

- From top block of Define Column Set can
 - Create column Headings
 - Create Default Headings
 - Build Column Set (best, but can only format 20 columns)

Column Set Builder

- Pick total width of report to target – check right most column and see room left
- To squeeze
 - Adjust left margin
 - Adjust size each column

Column Set Builder (SSC All) - B/S-I/S-Current Month Actuals

Create Default Heading

Sequence	10	20
Name	Current Month Actuals	Current Month Actuals
Amount Type	PTD-Actual	YTD-Actual
Offset		
Left Margin	46	
Width	18	18
Heading		
	PTD-Actual	YTD-Actual
	&POI0	&POI0
Format Mask	9,999,999,999	9,999,999,999

More Column Options... OK Apply Revert Cancel

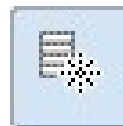
Column Set Builder



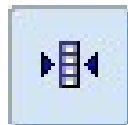
The Column Set Builder toolbar provides pushbutton shortcuts for various layout commands, as follows:



Increase column width



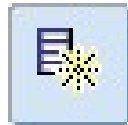
Delete column



Decrease column width



Move column left



Add column



Move column right

Column Set Builder

- Headers can have 1-4 lines – if need more, must use the column window to define 5th+ line (doesn't have to be perfect, just insert a couple of characters), then can use this window to edit them
- Relative Headings – combine
 - &
 - One of following tokens: POI, CPOI, DOI, CDOI, BUDGET, CURRENCY, ENCUMBRANCE
 - ▶ CPOI / CDOI is Constant Period / Day of Interest
 - Number
 - ▶ For Budget, Currency, Encumbrance, this is a control number
 - ▶ For POI, DOI, CPOI, CDOI, the number is a relative offset
 - Ex - &POI-1 is previous period, &POI1 is next period

Printing and Column Widths

- If Column Width is too small to print value with formatting options the following rules IN ORDER are used to shorten the field
 - Print as many leading characters as will fit
 - Print as many trailing characters as will fit
 - Omit thousands separator
 - Omit Positive and Negative Currency format characters ('-' will be substituted for the negative character)
 - If still can't fit in value, prints ### instead

Verify Page Width

- Remember default widths – 80, 132, 180, 255
- Shorten individual columns or decrease left margin
 - Leave 2 spaces between columns (one for “-”)

Column Set Builder (SSC All) - Budget Columns

Create Default Heading

Sequence		90	100	110	120	
Name						
Amount Type	get	PTD-Budget	PTD-Budget	PTD-Budget	PTD-Budget	
Offset		8	9	10	11	
Left Margin	35					
Width	10	140	150	160	170	180
Heading	idget	PTD-Budget	PTD-Budget	PTD-Budge	PTD-Budge	
	7	&POI+8	&POI+9	&POI+10	&POI+11	
	---	---	---	---	---	
Format Mask	.999	9,999,999	9,999,999	9,999,999	9,999,999	

More Column Options... OK Apply Revert Cancel

Currently 185

Column Set Variations

	Balance Start of Year	Balance As Of 12-07	Monthly Activity	YTD Activity
ASSETS				
Current Assets				
Cash and Short Term Investments	<u>-153,392,881.84</u>	<u>-265,258,462.57</u>	<u>-13,467,798.83</u>	<u>-111,865,580.73</u>
Accounts Receivables - Net of Allowance	<u>44,197,064.61</u>	<u>64,976,709.83</u>	<u>12,205,547.07</u>	<u>20,779,645.22</u>
Receivables Group Companies	<u>32,218.36</u>	<u>32,218.36</u>		
Other Current Assets	<u>14,470,411.74</u>	<u>26,609,812.00</u>	<u>776,996.98</u>	<u>12,139,400.26</u>
Inventory	<u>115,990,511.75</u>	<u>115,991,461.75</u>		<u>950</u>
Total Current Assets	<u>21,297,324.62</u>	<u>-57,648,260.63</u>	<u>-485,254.78</u>	<u>-78,945,585.25</u>
PROPERTY, PLANT, EQUIPMENT				
Cost of Property, Plant & Equipment	<u>137,111,175.61</u>	<u>137,111,175.61</u>		
Less Accum. Depr & Amortization	<u>-32,373,469.50</u>	<u>-32,373,469.50</u>		
Net Book Value of Assets	<u>104,737,706.11</u>	<u>104,737,706.11</u>		
OTHER ASSETS				
Other Assets	<u>39,817,636.09</u>	<u>39,817,636.09</u>		
TOTAL ASSETS	<u>165,852,666.82</u>	<u>86,907,081.57</u>	<u>-485,254.78</u>	<u>-78,945,585.25</u>

BAL – Actual
(FY Start)

Calculation
(Col 2 – Col 1)

Column Set Variations

	SSC US YTD-Actual 12-07	SSC France YTD-Actual 12-07	SSC Italy YTD-Actual 12-07	Consolidated YTD-Actual 12-07
ASSETS				
Current Assets				
Cash and Short Term Investments	-170,350,939	-64,884,531	-30,022,992	-265,258,463
Accounts Receivables - Net of				64,976,710
Receivables Group Companies				32,218
Other Current Assets				26,609,812
Inventory				115,991,462
Total Current Assets	-50,344	-38,362	31,058	-57,648
PROPERTY, PLANT, EQUIPMENT				
Cost of Property, Plant & Equipment	85,038,653	28,935,726	23,136,796	137,111,176
Less Accum. Depr & Amortization	-20,078,570	-6,832,046	-5,462,853	-32,373,470
Net Book Value of Assets	64,960	22,104	17,674	104,738
OTHER ASSETS				
Other Assets	24,695,567	8,403,050	6,719,019	39,817,636
TOTAL ASSETS	39,311	-7,855	55,451	86,907

Account Assignments (SSC All) - SSC BS-IS WW YTD, 10

Sign

Accounts Summary

Low	High	Display	Activity
+ SSC US.....	SSC US.....	T.T.T.T.T.T.T.T	Net

Column Set Variations

Reporting Ledger

	France EUR MTD-Actual 12-07	France EUR YTD-Actual 12-07	France USD MTD-Actual 12-07	France USD YTD-Actual 12-07								
ASSETS	<table border="1"> <tr> <td>Amount Type</td> <td>PTD-Actual</td> </tr> <tr> <td>Currency</td> <td>EUR</td> </tr> </table>		Amount Type	PTD-Actual	Currency	EUR	<table border="1"> <tr> <td>Amount Type</td> <td>PTD-Actual</td> </tr> <tr> <td>Currency</td> <td>USD</td> </tr> </table>		Amount Type	PTD-Actual	Currency	USD
Amount Type	PTD-Actual											
Currency	EUR											
Amount Type	PTD-Actual											
Currency	USD											
Current Assets												
Cash and Short Term Investments	<u>-2,994,613</u>	<u>-50,461,293</u>	<u>-3,836,787</u>	<u>-64,884,531</u>								
Accounts Receivables - Net of Allowance	<u>2,117,191</u>	<u>-8,907,534</u>	<u>2,716,282</u>	<u>-11,613,634</u>								
Receivables Group Companies	<u>0</u>	<u>0</u>	<u>0</u>									
Other Current Assets	<u>309,565</u>	<u>10,634,436</u>	<u>435,486</u>	<u>13,657,183</u>								
Inventory	<u>0</u>	<u>19,485,221</u>	<u>0</u>	<u>24,478,930</u>								
Total Current Assets	<u>-568</u>	<u>-29,249</u>	<u>-685</u>	<u>-38,362</u>								
PROPERTY, PLANT, EQUIPMENT												
Cost of Property, Plant & Equipment	<u>0</u>	<u>23,032,838</u>	<u>0</u>	<u>28,935,726</u>								
Less Accum. Depr & Amortization	<u>0</u>	<u>-5,438,309</u>	<u>0</u>	<u>-6,832,046</u>								
Net Book Value of Assets	<u>0</u>	<u>17,595</u>	<u>0</u>	<u>22,104</u>								
OTHER ASSETS												
Other Assets	<u>0</u>	<u>6,688,828</u>	<u>0</u>	<u>8,403,050</u>								
TOTAL ASSETS	<u>-568</u>	<u>-4,966</u>	<u>-685</u>	<u>-7,855</u>								

Content Set

Defining Content Sets

- Not allowed for XBRL taxonomy reports
- Reports | Define | Content Set
- Fill in Name (no &) and Description
- Select Type
 - Sequential – one print file
 - Parallel – multiple print files
 - ▶ Not supported when published using BI Publisher

Account Ranges					Summary
Seq	Low	High	Display		
10	.001.....	.102.....	N.PE.N.N.N.N.N.N		
20	.001.....	.102.....	N.PT.N.N.N.N.N.N		

Defining Content Sets

- Fill in Sequence Number, Low and High account range, Display, and Summary
- To get page expand and total, define one row PE, one row PT with same account range

Account Assignments					
Account Ranges				Summary	[]
Seq	Low	High	Display		
10	.001.....	.102.....	N.PE.N.N.N.N.N		
20	.001.....	.102.....	N.PT.N.N.N.N.N		

Primary Ledger FLEX

Low	High	Display
Ledger		<input type="checkbox"/> N No override
Company 001	102	<input checked="" type="checkbox"/> PE Page/Expand
Division		<input type="checkbox"/> N No override
Account		<input type="checkbox"/> N No override
SubAccount		<input type="checkbox"/> N No override
Department		<input type="checkbox"/> N No override
Product		<input type="checkbox"/> N No override
I/C		<input type="checkbox"/> N No override

OK Cancel Clear Help

Defining Content Sets

- Display Types
 - N – no segment value is specified
 - PE – for each value in the range for this segment, print a separate report (for Excel, each “report” is a separate sheet)
 - PT – one report that has the total of all values in this range
 - RE – Row expand – EACH ROW separately
 - RT – Row Total
 - RB – Row expand and total
 - CT – Column total

Defining Content Sets

- Summary = Yes – reports on only values in range that belong to summary accounts
- Summary = No – reports on only values in range that do not belong to summary accounts
- Summary left blank defaults to row definition

Reports

Define Report

- Reports | Define | Report
- Fill in Name, Description, Title
- Select Row Set and Column Set
- (Optional) Select Content Set, Row Order, Display Set

The screenshot shows a software window titled "Define Financial Report (SSC All)". The window contains several input fields and sections for configuring a report:

- Report:** KB Balance Sheet SSC
- Title:** Balance Sheet SSC
- Description:** Balance Sheet with PTD YTD
- Enable Security
- Required Components:**
 - Row Set:** Balance Sheet SSC
 - Column Set:** KB SSC Balance Sheet
- Optional Components:**
 - Content Set:** (empty)
 - Row Order:** (empty)
 - Display Set:** (empty)
- Other Options:**
 - Segment Override:** (empty)
 - Currency:** (empty)
 - Rounding Option:** Calculate Then Round
 - Level of Detail:** Financial Analyst
 - Output Option:** Text

At the bottom of the window, there are several buttons: "Control Values", "Assign Access", "Run Report", "Define Report Set", and "AutoCopy".

Define Report

- (Optional) Select values for the segment(s) you wish to restrict reporting to
- (Optional) Enter default currency – this will override all rows where currency not specified – without this option, uses currency specified when report run
- (Optional) Specify rounding option
 - Calculate then round – usually more accurate
 - Round then calculate
- (Optional) Select level of detail

Define Report

- If row/column set specifies control values (otherwise button will be grayed out), click Control Values button and specify (as appropriate)
 - Budget
 - Encumbrance
 - Currency (Currency, currency Type, Entered Currency, (optional) Ledger Currenc)
 - Constant Period of Interest (Period Number and Relative Year)

Control Values (SSC All) - test

Budgets		
Control Value	Budget	[]

Currencies			
Control Value	Currency Type	Entered Currency	Ledger Currency
	Entered		

Encumbrances		
Control Value	Encumbrance Type	[]

Constant Periods of Interest		
Control Value	Period Number	Relative Year

Define Report

- (Optionally) Select Output option
 - Text
 - Tab-delimited – can save results and import into Excel
 - XML – for use with “XML Report Publisher” program
 - XBRL – only applies if row set uses XBRL taxonomy
 - Spreadsheet – results running from Report | Request | Financial are not very usable

Tab-delimited

	Balance Start of Year	Balance As Of 12-07	Monthly Activity	YTD Activity
ASSETS				
Current Assets				
Cash ar	-153,392,881.84	-265,258,462.57	-13,467,798.83	-111,865,580.73
Account	44,197,064.61	64,976,709.83	12,205,547.07	20,779,645.22
Receiv	32,218.36	32,218.36		
Other C	14,470,411.74	26,609,812.00	776,996.98	12,139,400.26
Inventc	115,990,511.75	115,991,461.75		950
Total Curr	21,297,324.62	-57,648,260.63	-485,254.78	-78,945,585.25
PROPERTY, PLANT, EQUIPMENT				

Spreadsheet

	Balance Start of	Balance 12-07	Monthly Activity	YTD Activity
5 ASSETS				
10 Current Assets				
15 Cash ar	-153,392,881.84	-265,258,462.57	-13,467,798.83	-111,865,580.73
20 Account	44,197,064.61	64,976,709.83	12,205,547.07	20,779,645.22
22 Receiv	32,218.36	32,218.36		
25 Other C	14,470,411.74	26,609,812.00	776,996.98	12,139,400.26
30 Inventc	115,990,511.75	115,991,461.75		950
35 Total Curr	21,297,324.62	-57,648,260.63	-485,254.78	-78,945,585.25
40 PROPERTY, PLANT, EQUIPMENT				
45 Cost of	137,111,175.61	137,111,175.61		
50 Less Ac	-32,373,469.50	-32,373,469.50		
60 Net Book	104,737,706.11	104,737,706.11		
65 OTHER ASSETS				
70 Other Ass	39,817,636.09	39,817,636.09		

Running Reports

- 3 Methods
 - Reports | Request | Financial
 - ▶ If select output XML, can then use “XML Report Publisher” to select template
 - Reports | Request | Standard
 - ▶ “Program – Publish FSG Report” – runs FSG and publishes using selected template
 - Report Manager

Reports | Request | Financial

	Report	Ledger	Period	Date	Currency	Request I []
<input checked="" type="checkbox"/>	KB Balance Sheet SSC	SSC US	10-10	31-OCT-2010	USD	
<input type="checkbox"/>						
<input type="checkbox"/>						
<input type="checkbox"/>						
<input type="checkbox"/>						
<input type="checkbox"/>						

Row Set and Column Set

Row Set: Balance Sheet SSC

Column Set: KB SSC Balance Sheet

Buttons: Define Ad Hoc Report, Submit

- If click Exceptions, prints ONLY exception rows
- Click 'Define Ad Hoc Report' to change Level of Detail, Control Values, Row Set, and/or Column Set

Program – Publish FSG Report

Submit Request

Run this Request...

Copy...

Name Program - Publish FSG Report

Parameters

Ledger **SSC All** SSC All Ledgers Set (53213)

Report **KB Balance Sheet SSC** Balance Sheet with PTD YTD

Period **12-07**

Currency **USD**

Rounding Option **Calculate Then Round**

Segment Override

Content Set

Row Order

Display Set

Exceptions **No**

Level of Detail **Financial Analyst**

Date **31-DEC-2007**

OK Cancel Clear Help

Program – Publish FSG Report

The screenshot shows the 'Upon Completion...' dialog box with a 'Template LOV' popup. The 'Upon Completion...' dialog has a checked 'Save all Output Files' option and a 'Layout' section with a table:

Template Name	Template Language	Format	For Language
FSGXML: Basic Drilldown	English: United States	EXCEL	AMERICAN

The 'Template LOV' popup has a search field containing 'FSGXML%' and a list of template names:

- FSGXML: Basic Drilldown Template
- FSGXML: Basic Excel Template (Raw Amounts)
- FSGXML: Basic Excel Drilldown Template
- FSGXML: Basic Excel Template
- FSGXML: Basic Excel Drilldown Template (Raw Amounts)
- FSGXML basic template

Other fields in the 'Upon Completion...' dialog include 'Printer' (noprint), 'Copies' (0), 'For Language' (All languages), and 'Style' (A4). Buttons for 'Help', 'OK', and 'Cancel' are at the bottom.

Format defaults from

1. Format assigned to template
2. Profile Option "FND: Default Template Output Type"

Program Publish FSG Report

Seeded FSG Templates	Drilldown	Numbers	Negatives	Header Color	Grid
Basic Drilldown Template	Yes	Number	Minus in front	Blue	No
Basic Excel Template (Raw Amounts)	No	Number	() red	Green	Yes
Basic Excel Drilldown Template	Yes	Text	Minus in front	Green	Yes
Basic Excel Template	No	Text	Minus in front	Green	Yes
Basic Excel Drilldown Template (Raw Amounts)	Yes	Number	() red	Green	Yes
basic template	No	Number	Minus in front	Blue	No

Report Manager

- Must have Report Manager responsibility with access to desired Ledger Set

Submission Parameters Step 1 of 5 [Next](#)

* Indicates required field

Primary Parameters [Define Ad Hoc Reports](#)

* Report Name	KB Balance Sheet SSC	Content Set	
* Period	12-07	Display Set	
* Date	31-Dec-2007	Row Order	
Currency	USD	Rounding Option	Calculate Then Round
* Ledger	SSC All		<input type="checkbox"/> Flag Exceptions

Additional Parameters

Segment Override

► **Scheduling Options**

Report Manager

Submission Parameters **Publishing Parameters** Storage Location Presentation Review

Publishing Parameters [Cancel](#) [Back](#) Step 2 of 5 [Next](#)

* Indicates required field

Primary Parameters

* Default Template Timeframe 12-07

Set Auto Archive? Yes 13-Jul-2016

Delivery Configuration

Security

No Security

Flexfield Segment Security

User to Value Security

Custom Security

Availability

Search By: Template Name % [Go](#)

Results

Previous 10 11-20 of 38 Next 10

Select	Quick Select	Template Name	Description
<input type="radio"/>		DE DB / Produkt 12 Monate (no drilldown)	DE DB / Produkt 12 Monate (no drilldown)
<input type="radio"/>		Department Budget vs. Actual	Department Budget vs. Actual
<input type="radio"/>		Expenditure Analysis	Expenditure Analysis
<input type="radio"/>		GASB34 Statement of Activities	GASB34 Statement of Activities
<input type="radio"/>		GASB34 Statement of Net Assets	GASB34 Statement of Net Assets
<input type="radio"/>		Generic FSG Drill Template	Generic FSG Drill Template
<input type="radio"/>		Generic FSG Template	Generic FSG Template
<input type="radio"/>		IT Value Added / Margin - Prod	
<input type="radio"/>		NL Winst/Verlies Overz. (t.)12	NL Winst/Verlies Overz. (t.)12
<input type="radio"/>		PS Budget Monitoring	PS Budget Monitoring

Previous 10 11-20 of 38 Next 10




Report Manager

Submission Parameters Publishing Parameters **Storage Location** Presentation Review


Storage Location Cancel Back Step 3 of 5 Next


Location Select New

Report Name
Enter the name of the report as it will be stored in the Repository

Expand All | Collapse All



Select	Focus	Name	Add Folder
<input type="radio"/>		▶ Reports Repository	

Report Manager

The screenshot shows a wizard interface with five steps: Submission Parameters, Publishing Parameters, Storage Location, Presentation (current step), and Review. The 'Presentation' step is highlighted with a blue circle. Below the progress bar, the 'Presentation' section includes a legend: '* Indicates required field'. There is a checkbox labeled 'Create Menu Item for this report?'. At the bottom right, there are buttons for 'Cancel', 'Back', 'Step 4 of 5', and 'Next'.

- Step 5 is confirm and submit – then can monitor

The screenshot shows the 'Report Manager Home' dashboard. At the top, there are navigation links: Report Submission, Repository, Financial Report Template Editor, and Report Administration. The main content area features three summary cards: 'Pending' with a red '1', 'Completed' with a green '0', and 'Favorite' with a blue '0'. Below these cards is a 'Pending Requests Summary Table' with a 'Refresh' button and several utility icons. The table has columns for Request ID, Description, Phase, Status, Scheduled Date, and Details. A single row is visible with Request ID 7843695, Description 'KB Balance Sheet SSC', Phase 'Pending', Status 'Normal', and Scheduled Date '13-Jan-2016'.

Request ID	Description	Phase	Status	Scheduled Date	Details
7843695	KB Balance Sheet SSC	Pending	Normal	13-Jan-2016	

Report Manager

Report Submission Repository Financial Report Template Editor Report Administration







Report Manager Home




0 Pending

2 Completed

0 Favorite

Completed Requests Summary Table

Refresh Add Favorite      

Select	Request ID	Description	Phase	Status	Scheduled Date	Output	Details
<input type="radio"/>	7843696	Report Manager FO Generator Program	Completed	Normal	13-Jan-2016		
<input type="radio"/>	7843695	KB Balance Sheet SSC	Completed	Normal	13-Jan-2016		

* Indicates required field

View Report

Timeframe 12-07 Output Type   

Report Manager

Balance Sheet SSC				
SSC All 12-07USD 13-JAN-2016 11:47:07				
No specific Ledger requested				
	Balance Start of Year	Balance As Of 12-07	Monthly Activity	YTD Activity
ASSETS				
Current Assets				
Cash and Short Term Investments	<153,392,881.84>	<265,258,462.57>	<13,467,798.83>	<111,865,580.73>
Accounts Receivables - Net of Allowance	44,197,064.61	64,976,709.83	12,205,547.07	20,779,645.22
Receivables Group Companies	32,218.36	32,218.36		
Other Current Assets	14,470,411.74	26,609,812.00	776,996.98	12,139,400.26
Inventory	115,990,511.75	115,991,461.75		950.00
Total Current Assets	21,297,324.62	<57,648,260.63>	<485,254.78>	<78,945,585.25>
PROPERTY, PLANT, EQUIPMENT				
Cost of Property, Plant & Equipment	137,111,175.61	137,111,175.61		
Less Accum. Depr & Amortization	<32,373,469.50>	<32,373,469.50>		
Net Book Value of Assets	104,737,706.11	104,737,706.11		
OTHER ASSETS				
Other Assets	39,817,636.09	39,817,636.09		
TOTAL ASSETS	165,852,666.82	86,907,081.57	<485,254.78>	<78,945,585.25>

FSG Alternatives

Accounting Hub Reporting Cloud Service

- Also called FAHRCS (pronounced farkes) for Fusion Accounting Hub Reporting Cloud Service

EBS General Ledger - Accounting Hub Reporting Cloud Service

By Adriana-Oracle on Oct 01, 2015

Oracle Accounting Hub Reporting Cloud Service provides excellent reporting and analytics capabilities along with real-time access to information and latest accounting numbers. Drilldown to EBS balances, journals and subledger transactions is also available.

The integration between the Accounting Hub Reporting Cloud Service and E-Business Suite Release12 continuously streams balances from EBS,

- providing immediate access to updated financial data
- supporting quick business decisions
- offering enhanced reporting options with minimal effort, cost or risks

EBS General Ledger setups are loaded automatically to the Accounting Hub Reporting Cloud Service:

- charts of accounts
- calendars
- hierarchies
- ledgers
- balances

Sample financial reports are already available!

We encourage you to benefit and improve your business with Oracle ERP Cloud Service.

Check this Whitepaper today!

Accounting Hub Reporting Cloud Service for E-Business Suite Customers ([Doc ID 2034564.1](#))

Oracle ERP Cloud Welcome Note ([Doc ID 1499539.1](#))

https://cloud.oracle.com/en_US/accounting-hub-reporting-cloud

https://blogs.oracle.com/ebs/entry/ebs_general_ledger_accounting_hub

<https://davidhaimes.wordpress.com/2014/10/09/accounting-hub-reporting-cloud-service/>

GL Wand from Excel4apps

GL Wand 5 needs no desktop installation and boasts a very user friendly interface

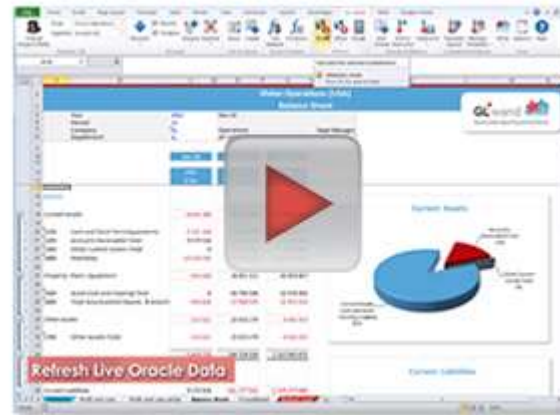
GL Wand 5 is the fifth generation of an award-winning, Excel-based financial reporting solution for finance professionals using Oracle e-Business Suite 11i or 12. GL Wand enables highly efficient and secure financial reporting, shorter month ends, and faster refreshes with ad-hoc inquiry and drill downs.

Like all Excel4apps solutions, GL Wand leverages your existing Oracle security settings and provides reports with drill-down capabilities that are refreshable on demand, yet preserve formatting and Excel formula. Without middleware or data warehouse requirements, you can install and widely deploy Excel4apps solutions in minutes – so there's less reliance on IT support and greater power given to the individual user.

GL Wand 5 Benefits

- ★ Zero client installation
- ★ Quick to install and deploy
- ★ Easy to use intuitive interface & wizards
- ★ Mass reporting and distribution of reports option
- ★ FSG converter & report templates included
- ★ Fully customizable drill to details
- ★ In-memory database for high speed refreshes
- ★ Extendable to other modules with Reports Wand

Watch a Demo of GL Wand for Oracle



<http://www.excel4apps.com/products/Oracle/GL-Wand>

Hubble Financial Reporting

The screenshot shows the Hubble website interface. At the top left is the 'hubble' logo. The top navigation bar includes links for 'APPLICATIONS', 'PLATFORM', 'ABOUT', and 'HUBBLEOLOGY', along with a chat icon and a menu icon. The main heading reads: 'Help yourselves to the answers you need with accurate, relevant, timely information'. Below this is a grid of eight feature cards, each with an icon and a title:

- Real-time**: Represented by a clock icon.
- Tight ERP integration**: Represented by a puzzle piece icon.
- Prebuilt templates**: Represented by an open box icon.
- Ad-hoc inquiries**: Represented by a head with gears icon.
- Flexible custom reports**: Represented by a sunburst icon.
- Drilldown to source data**: Represented by a scorpion icon.
- Fast performance**: Represented by a speedometer icon.
- Plug & play**: Represented by a 'PLUG#PLAY' icon.

<http://gohubble.com/financial-performance-management/financial-reporting>

References

References



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TECHNOLOGY AND APPLICATIONS FORUM
FOR THE ORACLE COMMUNITY

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- 744090.1 – FSG: How To Use Row Value As A Denominator To Calculate Percentage Of A Column
- 1021600.6 – FSG: Variance percent calculation has the wrong sign
- 1068122.1 – FSG: Report Row Set ‘Percent of Row’ Calculates Wrong Precedence
- 1014921.6 – How to Define an FSG Percentage Calculation Column such as Percent of Sales
- 1090390.1 – FSG: How to Enter POI Tag in Column Set Definition

My Oracle Support Notes

- 1300010.1 – How to Generate Current Year Balance (Activity) For Balance Sheet Items in an FSG?
- 781928.1 – FSG: How To Build Column Set With Greater Than 20 Columns And Avoid Error APP-RG-09542
- 1586346.1 – FSG Profile Options (Explanation and Recommended Values)
- 1368691.1 – R12: FSG: PERF0005 Error Detected In GET_DEF_LDGS – ORA-01403: No Data Found
Common Issues

My Oracle Support Notes

- 734808.1 – Definition Access Security Does Not Secure FSG Row Sets
- 1306082.1 – FSG Drill Down Shows All Accounts For Row Set Line
- 1154432.1 – FSG Drilldown From Report Shows Account Assignment Range From Row/Column Set Assignments
- 735024.1 – How To Restrict Access to General Ledger Functionalities Such As FSG Parameters Using Definition Access Set?

My Oracle Support Notes

- 370358.1 – FSG XML Publisher FAQ
- 401328.1 – Concurrent Processing – Default Layout Format for XML Publisher Concurrent Request Is Always PDF
- 1499465.1 – R12: Program – Publish FSG Report Set, Numbers Are Stored As Text and Column Set Factor Not Used
- 1578278.1 – Is There A Single Concurrent Request To Publish FSG Reports In R12 (as It Was Present In 11i)
- 804913.1 – How To Generate XML Output (Excel, HTML, PDF) for FSG Reports

My Oracle Support Notes

- 1936523.1 – Best Practices for Excel-based Financial Reporting with E-Business Suite Release 12
- 1949213.1 – R12: RGFSGXML Is it Possible to Use Report Manager Templates in General Ledger “Program – Publish FSG Report”?



Thank you!!

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