

What's New for Silverlight

Essential Studio Enterprise Edition 2013
Volume 2



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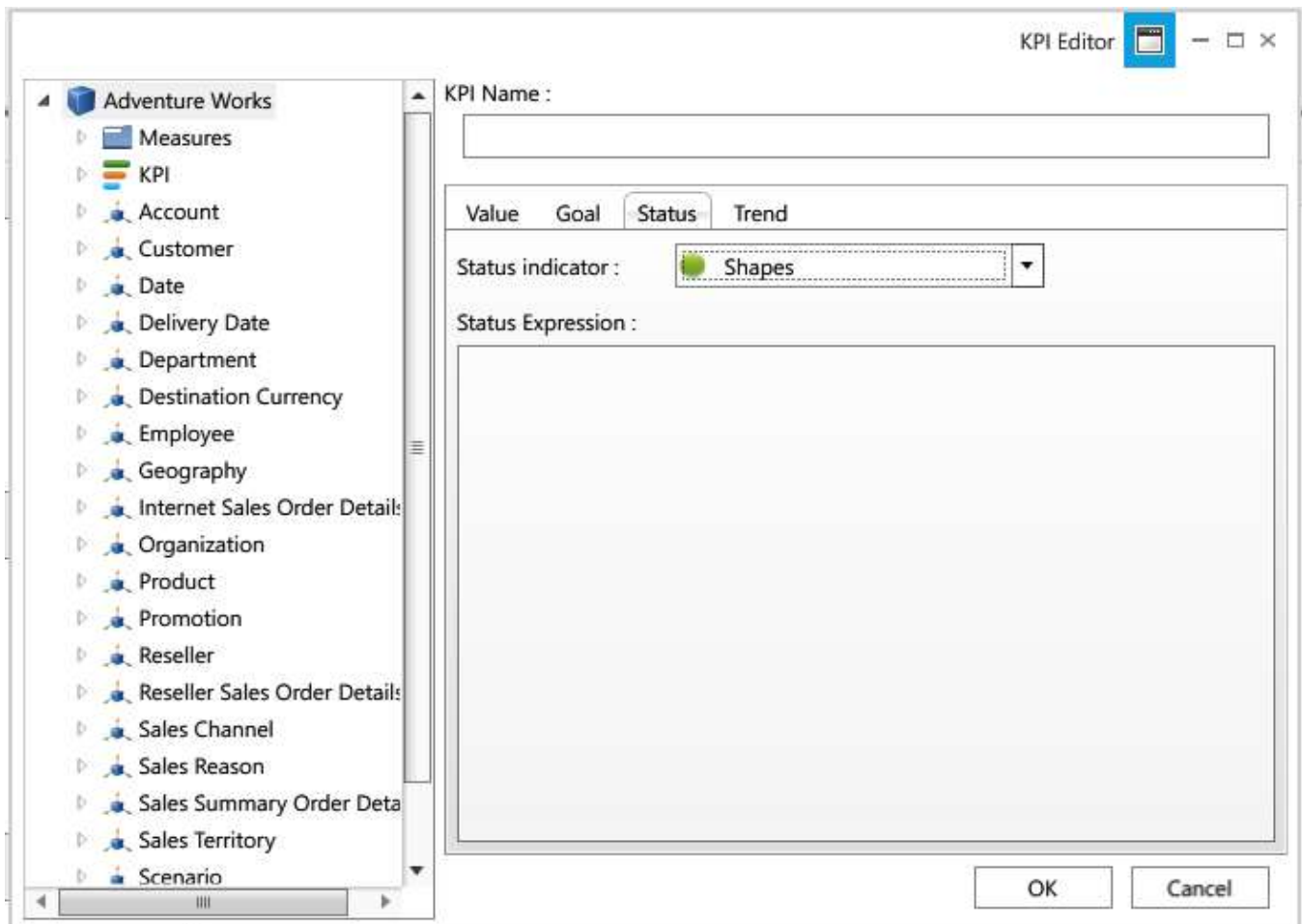
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Silverlight

- All OLAP Controls

Virtual KPI Support

This feature enables users to create key performance indicators (KPIs) without having to store them in SSAS (SQL Server Analysis Services). This is useful when users want to define KPIs at run time, and also when showcasing data with these virtual KPI values in the OLAP Grid and Chart controls.



Creating KPIs

- OLAP PivotGrid

User-Configurable Context Menu Support

This feature enhances user accessibility to frequently used context menu items by providing a user-configurable context menu. It enables users to rearrange menu items according to preference.

This demo illustrates multiple functionality in PivotGrid

PID	Loca...	TestInt	Test...	Lo	Class	PID	
100000	51	294	2.21			91.0	
	52	80	1.08			10.0	
	55	487	2.2			15.0	
	57	259	3.37			81.0	
	58	506	2.21			44.0	
	59	338	1.14			11.0	
	60	54	1.03			41.0	
	61	475	2.14	122.0	1101.0	475.0	92.0
	62	11	1.05	62.0	585.0	11.0	39.0
	63	5	1.09	63.0	593.0	5.0	12.0
	65	40	1.17	65.0	583.0	40.0	34.0
	66	450	1.06	66.0	580.0	450.0	8.0
	68	320	1.09	68.0	514.0	320.0	9.0
	69	298	2.22	138.0	1072.0	298.0	28.0
70	835	3.25	210.0	1586.0	835.0	74.0	
100000 Total		4452	26.31	1464.0	13244.0	4452.0	589.0
100001	52	784	2.19	104.0	1160.0	784.0	49.0
	53	783	4.48	212.0	2277.0	783.0	58.0
	56	208	2.21	112.0	1161.0	208.0	50.0
	57	553	2.24	114.0	1069.0	553.0	65.0
Grand Total		247081	1100.11	60067.0	550365.0	247081.0	26247.0

Default Context Menu in the PivotGrid control

PID	Loca...	TestInt	Test...	L	Class	PID	
100000	51	294	2.21			91.0	
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	55	487	2.2			15.0	
	57	259	3.37			81.0	
	58	506	2.21			44.0	
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Rearranged Context Menu in the PivotGrid control

Asynchronous Data Load


This feature provides support for loading data in a different UI thread in the OLAP PivotGrid control. That is, the pivot grid can perform long-running operations on a background thread so that users are able to access the other UI controls when the grid is loading. The OLAP PivotGrid also loads asynchronously for every operation that changes its layout, such as filtering, sorting, and dragging as well as field list changes and pivot schema designer changes.



Asynchronous Loading in OLAP PivotGrid

New Summary and Summary Level Types

The custom aggregation type `DisplayIfDiscreteValuesEqual` inspects all cells in an aggregation. If the cells all have the same value, the value of the summary will be the common value of the cells. Otherwise, no value will be displayed.

Item (row header)  ▲	Albania	Paris	
Birch			+++
Cat			+++
Cherry	1783.1	1783.1	1783.1
Chicken?!			+++
Cow			+++
Dog			+++
Horse			+++
Pig			+++
Poplar	1383.1	1383.1	1383.1
Spruce			+++
Turtle			+++
	+++	+++	+++
Cedar	1183.1		1183.1
Dog			+++
Maple	1783.1	1683.1	+++
Oak			+++

DisplayIfDiscreteValuesEqual Summary Type

Two new summary-level options are available:

- **InnerMostComputationsOnly:** Only the innermost level's summary will be displayed. Other level summaries will be hidden.
- **All:** Summaries at all levels will be displayed.

Scrap!		Country ▾ ▲	State ▾ ▲	
Category (row header) ▾ ▲		I... ▾ ▲	England Cat total	
Animals		Albania	Paris	
Birch				
Cat				
Cherry	1783.1	1783.1		
Chicken?!				
Cow				
Dog				
Horse				
Pig				
Poplar	1383.1	1383.1		
Spruce				
Turtle				
Animals Cat total				

InnerMostComputationsOnly Summary Level

- Essential Chart

Printing

This feature allows users to print charts as OneNote or XPS files.

- Essential Studio UI Controls

Rating

The Rating control is a customizable method for creating a rating system. Users can rate items using three different rating options: standard, half, and exact. Standard rating allows users to choose whole numbers only. The half option allows users to select more specific ratings, rounded to one-half. The exact option will recognize any percentage of the rating object selected by the user.



5

Standard Mode



4.5

Half-Precision Mode



6.19999980926514

Exact-Precision Mode