

The upcoming release is going to enrich our HMTL5 JS Pivot Grid widget with a number of enhancements including field panel and chart integration.

Field Panel

A field panel displays fields involved in summary calculation and allows to dynamically change report options (filtering conditions and sorting order) directly in the widget.

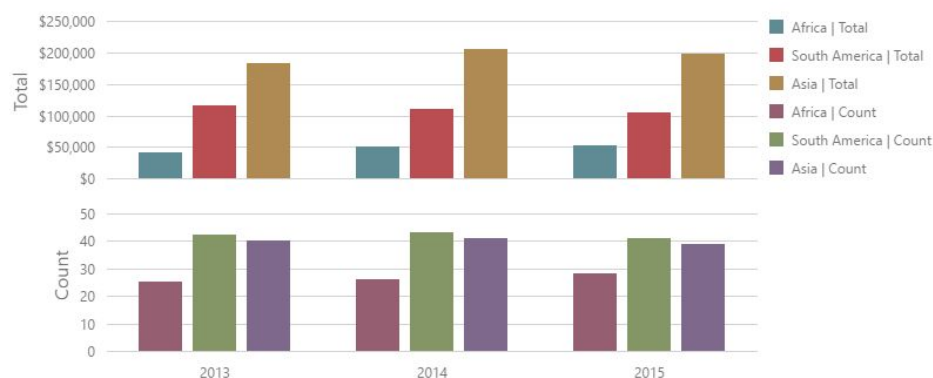
Region ▼						
Total	Average	Date Year ▼	Date Quarter	Date Month		
City ▼		► 2013		► 2014		► 2015
		Total	Average	Total	Average	Total
Melbourne		\$45,735	\$2,690	\$37,830	\$2,522	\$22,470
Sydney		\$55,740	\$3,981	\$38,300	\$3,192	\$19,800
Grand Total		\$101,475	\$3,273	\$76,130	\$2,820	\$42,270

The field panel provides a capability to change any filed option at runtime using the context menu. You can easily reach this performing the required data calculations within the 'onContextMenuPreparing' event handler. So you can implement a custom context menu with some custom summary types, for example, sum, average, minimum, maximum and etc. Also you can specify a similar event handler for dxPivotGridFieldChooser widget.

Total	Average				
		► 2013		► 2014	
		Total	Average	Total	Average
► Africa		\$43,620	\$1,678	\$45,200	\$1,614
► Asia		\$189,190	\$4,614	\$200,865	\$4,565
► Australia		\$101,475	\$3,273	\$76,130	\$2,820
► Europe		\$215,115	\$3,984	\$216,425	\$3,935
► North America		\$229,645	\$2,907	\$204,205	\$3,048
► South America		\$97,845	\$2,575	\$100,480	\$2,392
Grand Total		\$876,890	\$3,260	\$843,305	\$3,206

Chart Integration

The dxPivotGrid widget is designed for processing a large amounts of data, so sometimes it is hard to understand and analyze it. The upcoming release v16.1 will ship the dxPivotGrid widget with chart integration capabilities, which can help to make data more clear and obvious. Simply pass a chart instance and additional settings for showing multidimensional data to the 'bindChart' method of dxPivotGrid instance.



	2013		2014		2015	
	Total	Count	Total	Count	Total	Count
Africa	\$42,060	25	\$50,100	26	\$51,490	28
South America	\$116,045	42	\$109,740	43	\$105,360	41
Asia	\$183,695	40	\$205,325	41	\$197,755	39

Layout Enhancements

Besides features mentioned above, the dxPivotGrid widget includes some layout improvements. One of them is a tree layout mode designed for hierarchical items in a row header. By default, such items placed in row take too much space on the screen. However, using the new layout helps to optimize this area and use it more effectively.

		Grand Total
▼ Africa	Egypt	\$52,420
	South Africa	\$58,420
Africa Total		\$110,840
▼ Asia	China	\$189,060
	Japan	\$167,460
	Republic of Korea	\$145,075
Asia Total		\$501,595

rowHeaderLayout: "standard"

		Grand Total
▼ Africa Total		\$110,840
	Egypt	\$52,420
	South Africa	\$58,420
▼ Asia Total		\$501,595
	China	\$189,060
	Japan	\$167,460
	Republic of Korea	\$145,075

rowHeaderLayout: "tree"

The other new layout feature is relocatable data field header. Previously, data field headers could be displayed only in columns. Starting with the upcoming release, a user can specify whether they are located in columns or rows.

		► 2013
China	Sum	\$71,970
	Avg	\$5,141
Japan	Sum	\$69,570
	Avg	\$4,638
Republic of Korea	Sum	\$47,650
	Avg	\$3,971

		► 2013	
		Sum	Avg
China		\$71,970	\$5,141
Japan		\$69,570	\$4,638
Republic of Korea		\$47,650	\$3,971

To learn more about HTML5 JS Pivot Grid new features of upcoming release refer to our documentation and videos, or try it yourself. Please, feel free to contact us if you have any questions.