



SharePoint Engine

SharePoint Engine

Data Viewer

Web Part Features Version:1.0.0.0

SharePoint Engine Data Viewer Web Part provides the following features:

- Supports large number of data to be display from Microsoft SQL server.

SharePoint Engine DataViewer

TerritoryID	Name	CountryRegionCode	Group	SalesYTD	SalesLastYear
1	Northwest	US	North America	5767341.9752	3298694.4938
2	Northeast	US	North America	3857163.6331	3607148.9371
3	Central	US	North America	4677108.2690	3205014.0767
4	Southwest	US	North America	8351296.7411	5366575.7098
5	Southeast	US	North America	2851419.0435	3925071.4318
6	Canada	CA	North America	6917270.8842	5693988.8600
7	France	FR	Europe	3899045.6940	2396539.7601
8	Germany	DE	Europe	2481039.1786	1307949.7917
9	Australia	AU	Pacific	1977474.8096	2278548.9776
10	United Kingdom	GB	Europe	3514865.9051	1635823.3967

- It shows data with **hierarchical relationships** (linked through fields you select in the master and child data sources).

The Web Part displays child data as displayed in the screenshot below:

Users can expand the node to view the child data (nested data).

SharePoint Engine DataViewer

TerritoryID	Name	CountryRegionCode	Group	SalesYTD	SalesLastYear																																												
1	Northwest	US	North America	5767341.9752	3298694.4938																																												
<table border="1"> <thead> <tr> <th>CustomerID</th> <th>TerritoryID</th> <th>AccountNumber</th> <th>CustomerType</th> </tr> </thead> <tbody> <tr><td>1</td><td>1</td><td>AW00000001</td><td>S</td></tr> <tr><td>2</td><td>1</td><td>AW00000002</td><td>S</td></tr> <tr><td>7</td><td>1</td><td>AW00000007</td><td>S</td></tr> <tr><td>19</td><td>1</td><td>AW00000019</td><td>S</td></tr> <tr><td>20</td><td>1</td><td>AW00000020</td><td>S</td></tr> <tr><td>37</td><td>1</td><td>AW00000037</td><td>S</td></tr> <tr><td>38</td><td>1</td><td>AW00000038</td><td>S</td></tr> <tr><td>43</td><td>1</td><td>AW00000043</td><td>S</td></tr> <tr><td>55</td><td>1</td><td>AW00000055</td><td>S</td></tr> <tr><td>56</td><td>1</td><td>AW00000056</td><td>S</td></tr> </tbody> </table>						CustomerID	TerritoryID	AccountNumber	CustomerType	1	1	AW00000001	S	2	1	AW00000002	S	7	1	AW00000007	S	19	1	AW00000019	S	20	1	AW00000020	S	37	1	AW00000037	S	38	1	AW00000038	S	43	1	AW00000043	S	55	1	AW00000055	S	56	1	AW00000056	S
CustomerID	TerritoryID	AccountNumber	CustomerType																																														
1	1	AW00000001	S																																														
2	1	AW00000002	S																																														
7	1	AW00000007	S																																														
19	1	AW00000019	S																																														
20	1	AW00000020	S																																														
37	1	AW00000037	S																																														
38	1	AW00000038	S																																														
43	1	AW00000043	S																																														
55	1	AW00000055	S																																														
56	1	AW00000056	S																																														
<p>Navigation: 1 2 3 4 5 6 7 8 9 10 ... 3433 items in 344 pages</p>																																																	
2	Northeast	US	North America	3857163.6331	3607148.9371																																												
3	Central	US	North America	4677108.2690	3205014.0767																																												
4	Southwest	US	North America	8351296.7411	5366575.7098																																												

Grouping in Collapsed mode

SharePoint Engine DataViewer

TerritoryID	Name	CountryRegionCode	Group	SalesYTD	SalesLastYear
>	CountryRegionCode: AU				
>	CountryRegionCode: CA				
>	CountryRegionCode: DE				
>	CountryRegionCode: FR				
>	CountryRegionCode: GB				
>	CountryRegionCode: US				

Grouping in Expanded mode

SharePoint Engine DataViewer

TerritoryID	Name	CountryRegionCode	Group	SalesYTD	SalesLastYear
∨	CountryRegionCode: AU				
9	Australia	AU	Pacific	1977474.8096	2278548.9776
∨	CountryRegionCode: CA				
6	Canada	CA	North America	6917270.8842	5693988.8600
∨	CountryRegionCode: DE				
8	Germany	DE	Europe	2481039.1786	1307949.7917
∨	CountryRegionCode: FR				
7	France	FR	Europe	3899045.6940	2396539.7601
∨	CountryRegionCode: GB				
10	United Kingdom	GB	Europe	3514865.9051	1635823.3967
∨	CountryRegionCode: US				
1	Northwest	US	North America	5767341.9752	3298694.4938
2	Northeast	US	North America	3857163.6331	3607148.9371
3	Central	US	North America	4677108.2690	3205014.0767
4	Southwest	US	North America	8351296.7411	5366575.7098
5	Southeast	US	North America	2851419.0435	3925071.4318

Sorting- Data Viewer (Master Table)

Following Screenshot shows the **Data Viewer** web part with **Master Table Data** with selected Columns and Sorting in Descending Order. (Sort by Column will be highlighted as below. – **SalesLastYear**)

SharePoint Engine DataViewer

TerritoryID	Name	CountryRegionCode	Group	SalesYTD	SalesLastYear	CostYTD	CostLastYear
6	Canada	CA	North America	6917270.8842	5693988.8600	0.0000	0.0000
4	Southwest	US	North America	8351296.7411	5366575.7098	0.0000	0.0000
5	Southeast	US	North America	2851419.0435	3925071.4318	0.0000	0.0000
2	Northeast	US	North America	3857163.6331	3607148.9371	0.0000	0.0000
1	Northwest	US	North America	5767341.9752	3298694.4938	0.0000	0.0000
3	Central	US	North America	4677108.2690	3205014.0767	0.0000	0.0000
7	France	FR	Europe	3899045.6940	2396539.7601	0.0000	0.0000
9	Australia	AU	Pacific	1977474.8096	2278548.9776	0.0000	0.0000
10	United Kingdom	GB	Europe	3514865.9051	1635823.3967	0.0000	0.0000
8	Germany	DE	Europe	2481039.1786	1307949.7917	0.0000	0.0000

Dynamic Sorting - Data Viewer (Dynamic Data Display in the Web Part)

Following Screenshot shows the **Data Viewer** web part for Dynamic Sorting. Clicking on any Column in the Web Part will display Data in Either Ascending or Descending Order.

SharePoint Engine DataViewer

Drag a column header and drop it here to group by that column

Export to Excel

TerritoryID	Name	CountryRegionCode	Group	SalesYTD	SalesLastYear
<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
9	Australia	AU	Pacific	1977474.8096	2278548.9776
6	Canada	CA	North America	6917270.8842	5693988.8600
3	Central	US	North America	4677108.2690	3205014.0767
7	France	FR	Europe	3899045.6940	2396539.7601
8	Germany	DE	Europe	2481039.1786	1307949.7917
2	Northeast	US	North America	3857163.6331	3607148.9371
1	Northwest	US	North America	5767341.9752	3298694.4938
5	Southeast	US	North America	2851419.0435	3925071.4318
4	Southwest	US	North America	8351296.7411	5366575.7098
10	United Kingdom	GB	Europe	3514865.9051	1635823.3967

Dynamic Grouping - Data Viewer (Dynamic Data Display in the Web Part)

Following Screenshot shows the **Data Viewer** web part for Dynamic Grouping. Drag and Drop the respective Columns to display the data.

SharePoint Engine DataViewer

Group ▲ ✕ | Export to Excel

TerritoryID	Name	CountryRegionCode	Group	SalesYTD	SalesLastYear
Group: Europe					
7	France	FR	Europe	3899045.6940	2396539.7601
8	Germany	DE	Europe	2481039.1786	1307949.7917
10	United Kingdom	GB	Europe	3514865.9051	1635823.3967
Group: North America					
1	Northwest	US	North America	5767341.9752	3298694.4938
2	Northeast	US	North America	3857163.6331	3607148.9371
3	Central	US	North America	4677108.2690	3205014.0767
4	Southwest	US	North America	8351296.7411	5366575.7098
5	Southeast	US	North America	2851419.0435	3925071.4318
6	Canada	CA	North America	6917270.8842	5693988.8600
Group: Pacific					
9	Australia	AU	Pacific	1977474.8096	2278548.9776

Dynamic Filtering - Data Viewer (Dynamic Data Display in the Web Part)

Following Screenshot shows the **Data Viewer** web part for Dynamic Filtering.

You can filter the data by entering text in the filter text box at the top of each column. To filter, enter the filter value for one column, and then click the Filter icon. Select from a list of comparison operators such as equal to, contains, starts with, etc.

SharePoint Engine DataViewer

Drag a column header and drop it here to group by that column

TerritoryID	Name	CountryRegionCode
5		
1		
2		
3		
4		
5		
6		

Filter dropdown menu:

- NoFilter
- EqualTo
- NotEqualTo
- GreaterThan
- LessThan
- GreaterThanOrEqualTo
- LessThanOrEqualTo

(Before Filter)

Dynamic Filtering -If you want to continue to filter down the new data set, then enter another filter value in the same or another column. To remove the filter, click the filter icon and select No Filter.

SharePoint Engine DataViewer

Drag a column header and drop it here to group by that column

Export to Excel

TerritoryID	Name	CountryRegionCode	Group	SalesYTD	SalesLastYear
5					
1	Northwest	US	North America	5767341.9752	3298694.4938
2	Northeast	US	North America	3857163.6331	3607148.9371
3	Central	US	North America	4677108.2690	3205014.0767
4	Southwest	US	North America	8351296.7411	5366575.7098

(After Filter)

Export to Excel

You can export your data to Microsoft Excel by clicking the Export to Excel button. Data as displayed in grid will be exported to a new excel spreadsheet.

SharePoint Engine DataViewer

Drag a column header and drop it here to group by that column

Export to Excel

TerritoryID	Name	CountryRegionCode	Group	SalesYTD	SalesLastYear
5					
1	Northwest	US	North America	5767341.9752	3298694.4938
2	Northeast	US	North America	3857163.6331	3607148.9371
3	Central	US	North America	4677108.2690	3205014.0767
4	Southwest	US	North America	8351296.7411	5366575.7098

Modify Skin to change look and feel of the Web Part.

SharePoint Engine DataViewer

FirstName	MiddleName	LastName	Suffix	EmailAddress	Title	EmailPromotion	Phone
Gustavo		Achong		gustavo0@adventure-works.com	Mr.	2	398-555-0132
Catherine	R.	Abel		catherine0@adventure-works.com	Ms.	1	747-555-0171
Kim		Abercrombie		kim2@adventure-works.com	Ms.	0	334-555-0137
Humberto		Acevedo		humberto0@adventure-works.com	Sr.	2	599-555-0127
Pilar		Ackerman		pilar1@adventure-works.com	Sra.	0	1 (11) 500 555-0132
Frances	B.	Adams		frances0@adventure-works.com	Ms.	1	991-555-0183
Margaret	J.	Smith		margaret0@adventure-works.com	Ms.	0	959-555-0151
Carla	J.	Adams		carla0@adventure-works.com	Ms.	0	107-555-0138
Jay		Adams		jay1@adventure-works.com	Mr.	1	158-555-0142
Ronald	L.	Adina		ronald0@adventure-works.com	Mr.	0	453-555-0165

K < 1 2 3 4 5 6 7 8 9 10 ... > X 19972 items in 1998 pages