

Wt - Feature #4380

WTableView: support for multiple column sorting

08/06/2015 02:07 PM - Emeric Poupon

Status:	InProgress	Start date:	08/06/2015
Priority:	Normal	Due date:	
Assignee:	Roel Standaert	% Done:	0%
Category:		Estimated time:	0.00 hour
Target version:			
Description			
Hello,			
Feature request: Multiple column sorts by clicking on Ctrl+left mouse on each column to be used for sorting.			
Regards,			

History

#1 - 08/09/2015 08:09 PM - Trigve Siver

I would also like to have this feature. I could help with development, but I'm not that proficient in JS. I've implemented this feature in wxWidgets.

Also the concrete "shortcut" for multiple sorting should be custom defined (i.e. in config for instance).

#2 - 09/14/2016 05:29 PM - Trigve Siver

- File 0001-Add-support-for-multiple-column-sort-in-TableView.patch added

So I've implemented it in my branch. Attaching patch.

The left click is behaving as normal, that is it change the order if the column is sorted already. Otherwise it sort by the new column only.

Using CTRL + CLICK add new column for sorting. Clicking on the already sorted column will change it's order. CTRL + CLICK on already sorted column, will remove the column from the sorted column set. Clicking on the new column, not in already sorted columns set, will reset the sort only with this new column.

Please review.

#3 - 09/29/2016 12:19 AM - Koen Deforche

- Status changed from New to InProgress

- Assignee set to Roel Standaert

That sounds nice and glancing through the patch I like the approach. All it needs is support in our standard models that support sorting (WStandardItemModel, WSortFilterProxyModel).

#4 - 10/05/2016 01:06 AM - Trigve Siver

Ok, I can look at it in the near time.

#5 - 11/10/2016 12:01 AM - Trigve Siver

- File 0001-Add-support-for-multiple-column-sort-for-WStandardItem.patch added

Here is the patch for WStandardItemModel and WSortFilterProxyModel. Because I had a problem running examples, and don't have time to look at it, no testing has been done.

Please review and let me know if there are any bugs.

Thank you

Files

0001-Add-support-for-multiple-column-sort-in-TableView.patch	11.3 KB	09/14/2016	Trigve Siver
0001-Add-support-for-multiple-column-sort-for-WStandardItem.patch	14.6 KB	11/09/2016	Trigve Siver