

Wt - Bug #6774

WTreeView::scrollTo() and more...

11/28/2018 04:32 PM - Thomas Frank

Status:	Closed	Start date:	11/28/2018
Priority:	Normal	Due date:	
Assignee:	Roel Standaert	% Done:	0%
Category:		Estimated time:	0.00 hour
Target version:	4.3.0		

Description

The documentation of WTreeView says that 'EnsureVisible' provides minimal scrolling, but WTreeView::scrollTo() does exactly the opposite (scrolling 'toTop' if desired entry is below the bottom visible entry and vice versa). In addition there is some wrong calculation in getIndexRow() leading to wrong viewport adjustment in scrollTo().

Attached you will find a version of WTreeView.C (based on release 4.0.4) which fixes these issues. Watch out for comments starting with 'TF :':

I'm still busy hunting down some other bugs in TreeView.C, which lead to wrong calculations of the '_viewport' and constant display of 'loading...' in the browser, especially when scrolling through large trees. This is with and without the attached fixes.

History

#1 - 11/29/2018 01:55 PM - Thomas Frank

- File WTreeView.C added

Slight correction to WTreeView::scrollTo() in respect to partially visible rows.

#2 - 11/29/2018 03:06 PM - Thomas Frank

- File WTreeView.C added

Just found out, that the latest version of WTreeView.C at github fixes all the 'loading...'-issues! Great!!

I incorporated the fixed versions of WTreeView::scrollTo() and WTreeView::getIndexRow() into the latest WTreeView.C from github.

I know that this is now the 3rd attached version, but I hope that these fixes will make it into the next version anyway...

#3 - 12/14/2018 04:42 PM - Roel Standaert

- Target version changed from 4.0.5 to 4.1.0

Sorry for bumping this issue to the next version, but we'd already promised we would do a Wt 4.0.5 release this month and we were running out of time.

#4 - 12/10/2019 03:39 PM - Koen Deforche

- Status changed from New to InProgress

- Assignee set to Roel Standaert

#5 - 01/30/2020 12:54 PM - Roel Standaert

- Target version changed from 4.1.0 to 4.2.1

#6 - 02/03/2020 06:20 PM - Roel Standaert

- File issue_6774.patch added

I turned this into a patch, since that is a bit easier to digest.

#7 - 02/06/2020 12:50 PM - Roel Standaert

- Target version changed from 4.2.1 to 4.3.0

#8 - 03/09/2020 12:06 PM - Roel Standaert

- Status changed from *InProgress* to *Resolved*

It took me a little while to review these fixes. I can finally conclude that they indeed look correct. I pushed the fixes.

#9 - 03/16/2020 02:00 PM - Roel Standaert

- Status changed from *Resolved* to *Closed*

Files

WTreeView.C	78.1 KB	11/28/2018	Thomas Frank
WTreeView.C	78.3 KB	11/29/2018	Thomas Frank
WTreeView.C	78.9 KB	11/29/2018	Thomas Frank
issue_6774.patch	5.39 KB	02/03/2020	Roel Standaert