

Wt - Bug #7396

WTreeView not working when hidden during construction

01/10/2020 02:33 PM - Geert Verbruggen

Status:	New	Start date:	01/10/2020
Priority:	Normal	Due date:	
Assignee:		% Done:	0%
Category:		Estimated time:	0.00 hour
Target version:			

Description

When a WTreeView is hidden at construction (e.g. as child of a WStackedWidget), resizing of the column widths is not working and data are sometimes not displayed.

Using version 4.1.2

The attachment contains an test case, based on the WTreeView example.

Just replace TreeViewExample.C in the original example by the attached file

I added 3 lines:

43,44d42

```
< panel->hide();
```

```
<
```

96,98d93

```
<
```

```
< b = wc->addWidget(cpp14::make_unique("Show"));
```

```
< b->clicked().connect(panel, &WPanel::show);
```

The first line hides the panel containing the treeview at construction time.

Line 2 and 3 add a button to manually show the panel.

Start the application and press Show. Then try to resize the columns.

If you remove 'panel->hide()' everything works perfect again

History

#1 - 01/27/2020 03:21 PM - Roel Standaert

- File *panel_resize_sensor.patch* added

- Status changed from *New* to *InProgress*

- Assignee set to *Koen Deforche*

This issue was already partially fixed on the master and 4.2-release branches. The remaining issue seems to have to do with WPanel itself.

I attached a patch that should fix the remaining issue. Koen, what do you think of this?

#2 - 01/29/2020 03:16 PM - Koen Deforche

Roel,

Seems reasonable to me if the same thing didn't work in Wt 3 neither? Otherwise I would be curious how Wt3 got to react to resize?

Regards,

koen

#3 - 01/29/2020 03:35 PM - Roel Standaert

It indeed did not work in Wt 3 either. I guess if a WPanel was placed in a layout, it would react to resizes. In this case it isn't, so wtResize isn't being triggered.

#4 - 01/30/2020 09:33 AM - Roel Standaert

- Status changed from *InProgress* to *Resolved*
- Assignee deleted (*Koen Deforche*)

I pushed panel_resize_sensor.patch too.

#5 - 01/30/2020 04:33 PM - Roel Standaert

- File *forum_16637.cpp* added
- File *forum_16637_2.cpp* added
- Status changed from *Resolved* to *New*

I will have to revert that change. It's causing a regression in the attached files (related to issue [#7404](#)), where the panel shrinks.

#6 - 01/30/2020 05:13 PM - Roel Standaert

Turns out WPanel's wtResize code is a fairly naive implementation that only really works properly for the default and polished theme, but breaks down when using Bootstrap 2 or 3.

Files

TreeViewExample.C	7.62 KB	01/10/2020	Geert Verbruggen
panel_resize_sensor.patch	804 Bytes	01/27/2020	Roel Standaert
forum_16637.cpp	1.15 KB	01/30/2020	Roel Standaert
forum_16637_2.cpp	1.73 KB	01/30/2020	Roel Standaert