

## Wt - Bug #5882

### WTableView with BootstrapTheme v2 doesn't render all rows (ep.2)

08/18/2017 07:55 PM - Kayra Akman

|   |        |                        |            |
|---|--------|------------------------|------------|
| <b>Status:</b>  | New    | <b>Start date:</b>     | 08/18/2017 |
| <b>Priority:</b>  | Normal | <b>Due date:</b>       |            |
| <b>Assignee:</b>  |        | <b>% Done:</b>         | 0%         |
| <b>Category:</b>  |        | <b>Estimated time:</b> | 0.00 hour  |
| <b>Target version:</b>  |        |                        |            |
| <b>Description</b>  |        |                        |            |
| <p>The test case attached to Issue <a href="#">#5623</a> was fixed with Wt 3.3.8. However when I updated the Wt version on the production server, I saw that the issue that led to <a href="#">#5623</a> was still present. I've decided to open another issue instead of reviving the old one.</p> <p>The attached test application has been derived from the production application.</p> <p>To reproduce the issue:</p> <ul style="list-style-type: none"><li>• Click on a row or manually enter a(ny) string into the line edit.</li><li>• Click Search.</li><li>• Scroll down to observe incompletely rendered table.</li><li>• Click &lt;&lt; button to revert to initial table size.</li></ul> <p>Initially the table has 40 rows. Searching increases the row count to 1000. Since all cells in a column have the same text, the only visual feedback is the changing length of the scrollbar.</p> |        |                        |            |

#### History

##### #1 - 08/19/2017 12:24 AM - Kayra Akman

It took quite some time to convert the actual application into a test case iteratively removing and verifying that the issue is still present. Once I finally had a small enough test application I submitted the report. However I could go on and find out which code segment was causing the issue.

As it turns out Line 91: `table->setColumnWidth(4, 240);` is the offending code. When commented out, the table gets rendered properly.

That line of code is not meaningful in the test application. In the actual application the last column contains a message which is longer than other cells' contents. All other cells of a row have contents of similar length. When I disable that line, then the text in the last column gets truncated. What would you suggest as a workaround until this issue, if it is indeed a bug, gets fixed?

##### #2 - 08/19/2017 01:07 AM - Kayra Akman

Experimenting with the code further showed that these 3 lines conflict with each other and affect the rendering of the table view:

```
89: table->setMinimumSize(850, Wt::WLength::Auto);
```

```
91: table->setColumnWidth(4, 240);
```

```
229: tabs->setMaximumSize(850, Wt::WLength::Auto);
```

Table view is inside the tab's container. I had to provide a margin of about 25px between min table width and max tab widget width so that the table could be rendered properly.

Although I was able to solve my problem, I still think that such a conflict shouldn't have caused this issue.

#### Files

|                |         |            |             |
|----------------|---------|------------|-------------|
| table.jpg      | 99.5 KB | 08/18/2017 | Kayra Akman |
| table_test.cpp | 6.45 KB | 08/18/2017 | Kayra Akman |