

## Wt - Bug #3027

### Problems with scrolling and row selecting in WTableView

04/29/2014 01:11 PM - Alan Finley

<b>Status:</b>	Feedback	<b>Start date:</b>	04/29/2014
<b>Priority:</b>	Normal	<b>Due date:</b>	
<b>Assignee:</b>	Koen Deforche	<b>% Done:</b>	0%
<b>Category:</b>		<b>Estimated time:</b>	0.00 hour
<b>Target version:</b>			

#### Description

Several months ago I reported a [bug](#) with scrolling a WTableView to the last added row. I've recently updated to Wt 3.3.2 and still have problems with it.

Here's my example:

```
void addRowAndScroll(Wt::WTableView *view, Wt::WPushButton *btn)
{
    Wt::WStandardItemModel *model = dynamic_cast<Wt::WStandardItemModel*>(view->model());

    int row = model->rowCount() + 1;

    model->appendRow(new Wt::WStandardItem(Wt::WString("row#{1}").arg(row)));

    btn->setText(Wt::WString("count#{1}").arg(row));

    Wt::WModelIndex index = model->index(model->rowCount() - 1, 0);

    view->scrollTo(index);
    view->select(index);
}

Wt::WApplication* createApplication(const Wt::WEnvironment& env)
{
    Wt::WApplication *app = new Wt::WApplication(env);
    app->setTheme(new Wt::WBootstrapTheme);

    Wt::WTableView *view = new Wt::WTableView;
    view->setSelectionBehavior(Wt::SelectRows);
    view->setSelectionMode(Wt::SingleSelection);
    view->resize(200, 300);

    Wt::WStandardItemModel *model = new Wt::WStandardItemModel(view);
    view->setModel(model);

    Wt::WPushButton *btn = new Wt::WPushButton("add", app->root());
    btn->clicked().connect(boost::bind(&addRowAndScroll, view, btn));

    app->root()->addWidget(btn);
    app->root()->addWidget(view);

    return app;
}
```

In WBootstrapTheme scrolling still doesn't work. Also it seems that rows do not fit inside the table: if I add about 20 rows the last row is not visible. Row selection doesn't work too: I click on a row and another becomes highlighted. The more rows I add, the more distance between clicked and highlighted rows is.

In standard theme selection works fine, but scrolling still doesn't. In my example the table scrolls properly only if the last row number is odd.

#### History

**#1 - 04/29/2014 07:04 PM - Koen Deforche**

- Status changed from New to Feedback

- Assignee set to Koen Deforche

Hey,

This has been fixed in git, and will be included in the due 3.3.3 release. Can you check that indeed a git version works well?

Regards,

koen

**#2 - 05/05/2014 12:34 PM - Alan Finley**

I've downloaded sources from git and tried it. Row selection works fine, but in my example scrolling to the last row works for even row numbers only.

**#3 - 05/13/2014 05:27 PM - Koen Deforche**

Hey,

I can't reproduce this last problem but it sounds curious. Can you isolate this in a small test case?

Regards,

koen