

## QGIS Application - Bug report #15803

### 2.18: Move Selection to Top not working in attribute table

2016-11-03 06:40 AM - Richard Duivenvoorde

<b>Status:</b> Closed	
<b>Priority:</b> High	
<b>Assignee:</b> Luigi Pirelli	
<b>Category:</b> Attribute table	
<b>Affected QGIS version:</b> 2.18.4	<b>Regression?:</b> Yes
<b>Operating System:</b>	<b>Easy fix?:</b> No
<b>Pull Request or Patch supplied:</b> Yes	<b>Resolution:</b>
<b>Crashes QGIS or corrupts data:</b> No	<b>Copied to github as #:</b> 23723
<b>Description</b>	
In my current 2.18 the button 'Move Selection to top' (see attached screenshot) in the attributes table is not working.  in 2.14 on exact same machine + data it just works.	

#### Associated revisions

##### Revision a82b8cfb - 2017-05-10 12:34 PM - Luigi Pirelli

[attributetable] fix sortOnTop due to sortOrder wrong enum values from QgsAttributeTableConfig: fixes #15803

##### Revision c092effc - 2017-05-10 01:02 PM - Luigi Pirelli

[attributetable] fix sortOnTop due to sortOrder wrong enum values from QgsAttributeTableConfig: fixes #15803  
port to 3.0 for <https://github.com/ggis/QGIS/pull/4306>

##### Revision 8e60510e - 2017-05-11 10:46 AM - Alessandro Pasotti

Merge pull request #4444 from boundlessgeo/sort\_on\_top\_portTo3

[attributetable] Fix "Move selection to top" for 3.x regression fixes #15803

##### Revision 7ba28ec1 - 2017-05-11 10:47 AM - Alessandro Pasotti

Merge pull request #4306 from boundlessgeo/sort\_on\_top

[attributetable] Fix "Move selection to top": for 2.18 regression fixes #15803

#### History

##### #1 - 2016-11-03 10:34 AM - Giovanni Manghi

- Priority changed from Normal to Severe/Regression
- Category set to Attribute table

##### #2 - 2016-11-03 10:36 AM - Giovanni Manghi

see also #15663

**#3 - 2016-11-04 01:08 AM - Richard Duivenvoorde**

Yep, confirmed here Paolo's trick: if you in the lower left corner of the attribute table temporarily use 'Show Selected Features' and then go back to 'Show All Features' the button is working temporarily(!).

Closing and reopening the attribute table again and the problem is their again.

Looks like some signal is not coming through?

In debug info I see:

```
src/app/qgsmaptoolselectutils.cpp: 293: (getMatchingFeatures) [7873ms] Number of new selected features: 5
```

**#4 - 2016-11-09 01:02 AM - Richard Duivenvoorde**

Further investigating. It's getting stranger.

I have a new laptop, and so a fresh compiled QGIS, and I tested this there: no problem??

So thinking that it was something in the old laptop then, I started QGIS there with a new config, created a project and.. working.

Thinking it was a plugin, I removed all plugins from my profile.. but working with the created project :-)

WHICH made me think:

- it is the saved(!) PROJECT, and yes: if I open QGIS 2.18 (master seems to work), load the zipped shp attached in a non saved project, the sorting is NOT working

- as soon as I save the projects, it IS working...

Can others test this out?

**#5 - 2017-02-28 12:23 AM - Giovanni Manghi**

- Affected QGIS version changed from 2.18.0 to 2.18.4

- Target version set to Version 2.18

**#6 - 2017-02-28 04:24 AM - Giovanni Manghi**

- Subject changed from 2.18: Move Selection to Top not working in attribute tabel to 2.18: Move Selection to Top not working in attribute table

see also #15370

**#7 - 2017-03-23 10:19 AM - Luigi Pirelli**

confirmed with latest build (5afdf6f) of 2.18 on the test data

**#8 - 2017-03-24 01:28 AM - Luigi Pirelli**

nor saving project change the behaviour

**#9 - 2017-03-27 02:00 AM - Luigi Pirelli**

the issue affect also Master (qgis3 - 64d1848)

the reason is that the sortColumn is for some reason initialised to something differet to -1 => it does not sort when selectedOnTop is activated.

the rough fix is doing sort to current orderColumn() that has 0 as first value.  
Investigating why orderColumn is set and if it create some more regressions.

**#10 - 2017-03-27 03:50 AM - Luigi Pirelli**

this PR should fix <https://github.com/qgis/QGIS/pull/4306> for 2.18

**#11 - 2017-03-27 04:36 AM - Luigi Pirelli**

confirmed issue in Master with current latest code b8cb196

**#12 - 2017-04-30 05:08 PM - Giovanni Manghi**

- Regression? set to Yes

**#13 - 2017-04-30 05:08 PM - Giovanni Manghi**

- Priority changed from Severe/Regression to High

**#14 - 2017-05-01 01:10 AM - Giovanni Manghi**

- Easy fix? set to No

**#15 - 2017-05-05 06:05 PM - Alessandro Pasotti**

- Description updated

- Pull Request or Patch supplied changed from No to Yes

**#16 - 2017-05-06 09:31 AM - Alessandro Pasotti**

- Assignee set to Luigi Pirelli

Patches:

Master: <https://github.com/qgis/QGIS/pull/4444> but I cannot reproduce it

2.18: <https://github.com/qgis/QGIS/pull/4306>

**#17 - 2017-05-06 12:00 PM - Giovanni Manghi**

Alessandro Pasotti wrote:

Patches:

Master: <https://github.com/qgis/QGIS/pull/4444> but I cannot reproduce it

2.18: <https://github.com/qgis/QGIS/pull/4306>

confirmed, on master seems ok (now?).

**#18 - 2017-05-08 09:03 PM - Luigi Pirelli**

discovered that the problem is still available on master if the layer has been loaded from a project with wrong setting values:

The proposed patche force the sortOrder value to be in the correct range value eg:

- Qt::AscendingOrder = 0

- QtDescendingOrder = 1

but the default value is loaded from the project in the tag:

<attributetableconfig ... sortOrder="<value>" >

that is loaded through code:

<https://github.com/qgis/QGIS/blob/master/src/core/qgsattributetableconfig.cpp#L200>

if for some reason (and seems many project can be affected) the value is not 0 or 1 => the sortOrder is skipped during sort => not applied

**#19 - 2017-05-11 10:46 AM - Luigi Pirelli**

- *Status changed from Open to Closed*

- *% Done changed from 0 to 100*

Applied in changeset commit:qgis|c092effc1c9f1add63b88ce36aa0deff19890496.

**Files**

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0_0.zip	3.01 KB	2016-11-03	Richard Duivenvoorde
buttonselectiontotop.png	45.9 KB	2016-11-03	Richard Duivenvoorde