

## QGIS Application - Bug report #17005

### spatial bookmarks can't be sorted

2017-08-10 06:50 PM - Steven Mizuno

|   |                    |                                      |
|---|--------------------|--------------------------------------|
| <b>Status:</b>  | Closed             |                                      |
| <b>Priority:</b>  | High               |                                      |
| <b>Assignee:</b>  | Alessandro Pasotti |                                      |
| <b>Category:</b>  | GUI                |                                      |
| <b>Affected QGIS version:</b>   | master             | <b>Regression?:</b> Yes              |
| <b>Operating System:</b>  | Windows            | <b>Easy fix?:</b> No                 |
| <b>Pull Request or Patch supplied:</b>  | Yes                | <b>Resolution:</b> fixed/implemented |
| <b>Crashes QGIS or corrupts data:</b>   | No                 | <b>Copied to github as #:</b> 24904  |
| <b>Description</b>  |                    |                                      |
| <p>The column sort indicator shows, but clicking on column headers does not actually sort. The indicator changes direction, but that is all that occurs.</p> <p>Initially, the name column header shows ascending order, but the column isn't sorted.</p> <p>This is a regression from 2.14; 2.18 does not sort either.</p> <p>I am using OSGeo4W nightly build on Windows 8.1 64-bit system.</p> |                    |                                      |

#### Associated revisions

##### Revision 8233a8fb - 2017-11-30 06:37 PM - Alessandro Pasotti

[bugfix] Bookmarks sorting with a proxy model

Fixes #17005 spatial bookmarks can't be sorted

I believe that this has been broken since <https://github.com/qgis/QGIS/pull/2661>

##### Revision 15ffcb43 - 2017-12-21 04:45 PM - Alessandro Pasotti

[bookmarks] Case insensitive sorting

Fixes #17005

#### History

##### #1 - 2017-08-11 09:22 AM - Giovanni Manghi

- Affected QGIS version changed from master to 2.18.11

##### #2 - 2017-11-29 02:35 PM - Alessandro Pasotti

- Assignee set to Alessandro Pasotti

##### #3 - 2017-11-30 06:38 PM - Alessandro Pasotti

- Status changed from Open to In Progress

- Pull Request or Patch supplied changed from No to Yes

An attempt to fix this messy model is in PR: <https://github.com/qgis/QGIS/pull/5776>

Please give it a try.

**#4 - 2017-12-01 11:53 AM - Anonymous**

- % Done changed from 0 to 100
- Status changed from In Progress to Closed

Applied in changeset commit:qgis|8233a8fbdc3416f3eac9c6c0cf8d4a4c0bfc8b7d.

**#5 - 2017-12-02 06:25 PM - Giovanni Manghi**

- Resolution set to fixed/implemented

**#6 - 2017-12-11 08:32 PM - Steven Mizuno**

- Status changed from Closed to Reopened
- Affected QGIS version changed from 2.18.11 to master

Reopened because master (010cb1567b) still does not sort bookmarks.

I used Python Console to find the bookmarks list, on which isSortingEnabled() is false. Then using setSortingEnabled(True) does allow sorting.

2.18.15 does sort.

**#7 - 2017-12-12 02:53 PM - Alessandro Pasotti**

Thanks for the feedback, I've made a PR with the fixes, <https://github.com/qgis/QGIS/pull/5852>

I'd appreciate if you could test them when committed.

**#8 - 2017-12-12 10:22 PM - Steven Mizuno**

Thanks for the attention, I will test as soon as I can.

Two minor things have occurred to me.

1. The sorting probably should be case insensitive. I believe most users would appreciate this.
2. The SRID column more properly should be CRS or possibly Projection, in keeping with usage elsewhere.

Please see #17674 export/import issues

**#9 - 2017-12-14 06:59 PM - Steven Mizuno**

Alessandro,

I have tested the Spatial Bookmarks fixes in master (ea49c8276c latest rev. I tried) and believe they are working correctly.

- creating bookmarks
- moving bookmarks to/from project, including saving/loading project
- exporting
- importing, including starting with no bookmarks

- sorting various columns
- editing bookmarks (SRID can't be edited with the current implementation)

I have also tested internationalization, which hasn't been mentioned as a problem, but I did think to test -- this is OK.

I used Python Console to update a bookmark's extent, by finding the `IstBookmarks` object and setting the `x...`, `y...` values and the `srId` value, too.

I would very much appreciate the two items in my previous comment being implemented. I have tried `setSortCaseSensitivity( Qt::CaseInsensitive )` in the `QgsBookmarksProxyModel` constructor to get case insensitive sorting to work.

One last very minor problem: the title of the Spatial Bookmarks Panel somehow acquired an ampersand in one of the commits. It shows as "Sp&atial"... -- `qgsbookmarksbase.ui` is the affected file.

Thank you very much.

**#10 - 2017-12-21 05:23 PM - Anonymous**

- *Status changed from Reopened to Closed*

Applied in changeset commit:qgis|15ffcb4345861ed1d0c68e8891e6503b3cdeb437.