

## QGIS Application - Bug report #11718

When adding manually a categorized symbology class this is not ordered correctly when clicking on "value"

2014-11-23 02:14 PM - jeremy spurway

<b>Status:</b>	Closed	
<b>Priority:</b>	Normal	
<b>Assignee:</b>		
<b>Category:</b>	Symbology	
<b>Affected QGIS version:</b>	master	<b>Regression?:</b> No
<b>Operating System:</b>		<b>Easy fix?:</b> No
<b>Pull Request or Patch supplied:</b>		<b>Resolution:</b> end of life
<b>Crashes QGIS or corrupts data:</b>		<b>Copied to github as #:</b> 19956
<b>Description</b>		
<b>new description:</b>		
<ul style="list-style-type: none"><li>- open a vector</li><li>- make a categorized symbology using a interger/double column</li><li>- clicking on the "value" column you can order the classes as expected, desc/asc because are numbers</li><li>- manually delete one class</li><li>- add a new class and give it the value of the previously deleted one</li><li>- now when clicking "value" the new class takes and unpredictable position, and not anyway the expected one</li></ul>		
<b>old description:</b>		
Hi,		
it seems that the 'categorized' style builder assumes that column for styling data contains string values.		
When the symbol classification is sorted by the Value column, string ordering is applied, not numeric.		
For instance, integer categories 0-15 are ordered like: 0, 1, 10, 11, 12, 13, 14, 15, 2, 3, 4, 5, 6, 7, 8, 9.		
This makes it difficult to extend the range manually.		
Is it possible to detect the data type and order appropriately?		
best wishes - JS		

### History

#1 - 2014-11-23 02:16 PM - jeremy spurway

PS.

I forgot to add, I'm using QGIS 2.4.0

#2 - 2014-11-24 12:23 AM - Giovanni Manghi

- Status changed from Open to Feedback
- Category set to Symbolology

it does not seems to be an issue on qgis 2.6, please try and report back.

### #3 - 2014-11-24 01:45 AM - jeremy spurway

Hi,  
the same issue exists in 2.6; my categorisation column is a 'double' field, and produces a sorted 'Value' list like:  
"... 170, 180, 190, 20, 200, 210..."  
JS

### #4 - 2014-11-24 06:22 AM - Giovanni Manghi

jeremy spurway wrote:

Hi,  
the same issue exists in 2.6; my categorisation column is a 'double' field, and produces a sorted 'Value' list like:  
"... 170, 180, 190, 20, 200, 210..."  
JS

what datasource do you use? I tested shapes and cannot replicate.

### #5 - 2014-11-24 08:10 AM - jeremy spurway

- File nn60\_OST50CONT\_20130612.zip added
- File licence.txt added

ESRI shp line; as attached.

### #6 - 2014-11-24 12:31 PM - Giovanni Manghi

- File sim1.png added
- File sim2.png added

jeremy spurway wrote:

ESRI shp line; as attached.

see attached images

### #7 - 2014-11-24 01:31 PM - jeremy spurway

- File QGIS\_vecStyCat\_1.png added
- File QGIS\_vecStyCat\_2.png added

what happens if you click the 'Value' column to (re)order the data?  
see attachments for what happens on my installation

#### #8 - 2014-11-24 01:45 PM - Giovanni Manghi

jeremy spurway wrote:

*what happens if you click the 'Value' column to (re)order the data?*  
*see attachments for what happens on my installation*

if I click on "value" I still get the right order (asc or desc) if I click "legend" it orders it as text, because the legend is text.

#### #9 - 2014-11-24 02:04 PM - jeremy spurway

- File QGIS\_vecStyCat\_4.png added
- File QGIS\_vecStyCat\_6.png added
- File QGIS\_vecStyCat\_5.png added
- File QGIS\_vecStyCat\_3.png added

what happens if you add a new category, value =10, then order by value?

for me, it doesn't order numerically.

I tried creating a new layer, for a different shape file, and added a new value (=50).

Each time I click 'Value' column header, the '50' category ends up somewhere different - see attached.

#### #10 - 2014-11-24 03:16 PM - Giovanni Manghi

- Status changed from Feedback to Open
- Tracker changed from Feature request to Bug report
- Subject changed from vector style categorized does not detect numeric column to sort Values to When adding manually a categorized symbology class this is not ordered correctly when clicking on "value"
- Affected QGIS version set to master
- Crashes QGIS or corrupts data set to No

#### #11 - 2017-05-01 01:07 AM - Giovanni Manghi

- Easy fix? set to No
- Regression? set to No

#### #12 - 2019-03-09 04:09 PM - Giovanni Manghi

- Status changed from Open to Closed
- Resolution set to end of life

#### End of life notice: QGIS 2.18 LTR

##### Source:

<http://blog.qgis.org/2019/03/09/end-of-life-notice-qgis-2-18-ltr/>

#### Files

nn60_OST50CONT_20130612.zip	345 KB	2014-11-24	jeremy spurway
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licence.txt	192 Bytes	2014-11-24	jeremy spurway
sim1.png	62.8 KB	2014-11-24	Giovanni Manghi
sim2.png	66.2 KB	2014-11-24	Giovanni Manghi
QGIS_vecStyCat_1.png	35.4 KB	2014-11-24	jeremy spurway
QGIS_vecStyCat_2.png	35.3 KB	2014-11-24	jeremy spurway
QGIS_vecStyCat_4.png	36.9 KB	2014-11-24	jeremy spurway
QGIS_vecStyCat_3.png	36.6 KB	2014-11-24	jeremy spurway
QGIS_vecStyCat_5.png	36.9 KB	2014-11-24	jeremy spurway
QGIS_vecStyCat_6.png	36.6 KB	2014-11-24	jeremy spurway