

## QGIS Application - Bug report #19987

### Anchor point legend not firmly anchored in template

2018-10-01 11:12 AM - Gert Jan Pieterse

<b>Status:</b>	Closed	
<b>Priority:</b>	High	
<b>Assignee:</b>	Nyall Dawson	
<b>Category:</b>	Map Legend	
<b>Affected QGIS version:</b>	3.2.1	<b>Regression?:</b> Yes
<b>Operating System:</b>	Ubuntu 16.04	<b>Easy fix?:</b> No
<b>Pull Request or Patch supplied:</b>	No	<b>Resolution:</b>
<b>Crashes QGIS or corrupts data:</b>	No	<b>Copied to github as #:</b> 27809
<b>Description</b>		
<p>I created the following layout templates with legends:</p> <ul style="list-style-type: none"><li>- Legend in the upper-right corner.</li><li>- Anchor point in the upper right corner.</li><li>- The legend has 'auto-update' turned on.</li></ul> <p>My problem is that with a new map using this template, the legend moves. I think this is what happens:</p> <ul style="list-style-type: none"><li>- The legend get rescaled with new items, making it longer / shorter and wider / smaller.</li><li>- The upper-left corner stays at the same place as in the template.</li><li>- The upper-right corner gets recalculated using the upper-left corner and new width.</li><li>- The upper-right corner gets anchored again with the new position.</li></ul> <p>Calculation example:</p> <ul style="list-style-type: none"><li>- template 19x19 cm page</li><li>- legend width during making of the template: 5 cm.</li><li>- anchor point upper-right corner: X = 19.0 cm, Y = 0.0 cm.</li><li>- legend width in new map: 5.5 cm.</li><li>- legend upper-left corner: X = 14.0 cm, Y = 0.0 cm.</li><li>- legend new anchor point upper-right: X = 19.5 cm, Y = 0.0 cm.</li></ul>		

#### Associated revisions

**Revision 530397c1 - 2018-10-15 11:02 AM - Nyall Dawson**

[layouts] Fix legend does not respect anchor point when resizing  
based on map content

Fixes #19987

#### History

**#1 - 2018-10-10 11:30 AM - Harrissou Santanna**

- *Regression? changed from No to Yes*
- *Priority changed from Normal to High*

Actually, afaics no need to use a template. An anchor set for a legend in a print layout is not respected:

1. create a legend item

2. set an anchor other than the upper left
3. Use the filter legend by map content : the legend is resized based on the upper left instead of the right.

This is a regression as it should have been fixed since #11321.

**#2 - 2018-10-15 05:30 AM - Nyall Dawson**

- *Assignee set to Nyall Dawson*
- *Status changed from Open to In Progress*

**#3 - 2018-10-15 11:02 AM - Nyall Dawson**

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

Applied in changeset commit:qgis|530397c1683cc787ef90bc27e2d958779ed0d754.