QGIS Application - Bug report #9498
legend item vertical spacing (once again) broken for layers set to hidden

2014-02-05 07:22 PM - Mathieu Pellerin - nIRV

Status:	Closed			
Priority:	Severe/Regression			
Assignee:	Radim Blazek			
Category:	Map Composer/Printing			
Affected QGIS version:	master	**Regression?:**	No
Operating System:		**Easy fix?:**	No
Pull Request or Patch supplied:		**Resolution:**	fixed/implemented
Crashes QGIS or corrupts data:		**Copied to github as #:**	18089

Description

A regression slipped into QGIS master with regards to composer legend item's vertical spacing of layers set to hidden. Prior to 2.0 launch, work was done to allow for proper vertical spacing of layers for a simple scenario: for the vertical spacing between a multi-item layer (i.e. categorized layer) and a single-item layer (i.e. single symbol layer) to be equal. It's now broken again under QGIS master.

I've attached a screenshot showing the problem as well as a simple project to test this out.

Assigning to Radim who did a great job fixing this before 2.0, apologies if the assignment is wrong :)

Associated revisions

Revision d102a79a - 2014-02-16 03:22 AM - Mathieu Pellerin - nIRV

[composer] fix vertical spacing of hidden layer title in legend items (fix #9498)

Revision ef5ede16 - 2014-02-17 11:30 AM - Nathan Woodrow

Merge pull request #1180 from nirvn/legend_spacing_fix2

[composer] fix vertical spacing of hidden layer title in legend items (fix #9498)

Revision 7822abdc - 2014-02-19 11:15 AM - Radim Blazek

composer legend items space, better fixes #9498

History

#1 - 2014-02-05 07:25 PM - Mathieu Pellerin - nIRV

The fix here appears to be simple: when a layer title type is set to hidden, the vertical spacing value above the (first/unique) item symbol of that layer should *only* be symbol spacing.

#2 - 2014-02-05 08:02 PM - Mathieu Pellerin - nIRV

- Priority changed from Normal to Severe/Regression

Marking as blocker since it's a regression.

In 2.0, the user could do this:

- Empty layer title string, which would remove the layer title row within the legend item.

- Set the layer title type to group or subgroup, and have the group or subgroup spacing set to 0

In the latest QGIS master, it's now impossible to have an empty layer title string, preventing users from relying on the above-mentioned workaround.

#3 - 2014-02-15 12:16 AM - Mathieu Pellerin - nIRV

Radim, I think the problem might be located around line 837 of qgscomposerlegend.cpp and the commented out line 830:

    //if (currentLegendItem->style() != QgsComposerLegendStyle::Hidden)

Thoughts?

#4 - 2014-02-15 12:32 AM - Mathieu Pellerin - nIRV

- File spacing-ok-selection-not.png added

If I re-enable the if (currentLegendItem->style() != QgsComposerLegendStyle::Hidden) condition, the legend's vertical spacing of hidden layer title acts as (IMO) one would expect (see attached screenshot).

The zebra selection outline is however broken (as shown in same screenshot).

#5 - 2014-02-15 01:27 AM - Mathieu Pellerin - nIRV

- File proper_spacing_hidden_layer.patch added

Radim, I got something that seems to work OK, attaching the diff patch.

I've tested it using a bunch of layer item (group, subgroup, hidden) combinations, as well as multi-column, and all worked ok over here.

#6 - 2014-02-17 02:30 AM - Nathan Woodrow

- Status changed from Open to Closed

Fixed in changeset commit:"ef5ede169023e520bf6844c205b1fc8c06239329".

#7 - 2014-02-18 08:47 AM - Radim Blazek

I am not sure the fix is OK. Basically each row in legend is a nucleon, group of nucleons is atom. Layer item is a nucleon and it should really be added only if it is not hidden. The fix adds the title as nucleon but does not render it. I believe that it should not be added at all. I'll look at it once more.

#8 - 2014-02-19 02:17 AM - Radim Blazek

I have done better fix (fixing the real problem) in commit:7822abd.
Please test.

#9 - 2014-02-19 02:26 AM - Mathieu Pellerin - nIRV

- Resolution set to fixed/implemented

- % Done changed from 0 to 100

Radim, I've just compiled qgis with your commit in, and legend is acting like a charm, excellent. I think we can call this one fixed for good now :)

Files

legend_broken_hidden_spaces.png	30.5 KB	2014-02-05	Mathieu Pellerin - nIRV
legend_broken.zip	382 KB	2014-02-05	Mathieu Pellerin - nIRV
spacing-ok-selection-not.png	85.6 KB	2014-02-14	Mathieu Pellerin - nIRV
proper_spacing_hidden_layer.patch	1.27 KB	2014-02-15	Mathieu Pellerin - nIRV