

# QGIS Application - Bug report #17927

## Group Layers not activating when Theme is selected.

2018-01-22 09:38 PM - Nathan Saylor

<b>Status:</b> Closed	
<b>Priority:</b> Normal	
<b>Assignee:</b> Alessandro Pasotti	
<b>Category:</b> GUI	
<b>Affected QGIS version:</b> master	<b>Regression?:</b> Yes
<b>Operating System:</b> Win7	<b>Easy fix?:</b> No
<b>Pull Request or Patch applied:</b> Yes	<b>Resolution:</b> fixed/implemented
<b>Crashes QGIS or corrupts data:</b> No	<b>Copied to github as #:</b> 25823
<b>Description</b>	
Even when the group layer is turned on when saving a theme, it does not come on when the theme is activated, thus keeping desired layers hidden.	

### Associated revisions

#### Revision b6444472 - 2018-01-24 07:36 PM - Alessandro Pasotti

[bugfix] Ensure parent group visibility when apply theme

Fixes #17927 Group Layers not activating when Theme is selected.

### History

#### #1 - 2018-01-22 10:00 PM - Nathan Saylor

Playing around a little more with it, starting with a new project...

1. Add two layers
2. Add group layer
3. Move the two layers to the group layer.
4. With all three activated, add Theme.
5. Add another layer; move it out of the group if necessary.
6. Turn off group layer.
7. Click on Theme to activate.
- 7r. Group layer does not activate. Theme shows active.
8. Turn on group layer to reveal layers.
- 8r. Theme shows inactive.
9. Turn off layers inside group.
- 9r. THEME SHOWS ACTIVE?!
10. With the sublayers already off, turn off group layer.
- 10r. Theme still shows active!

#### #2 - 2018-01-24 06:36 PM - Alessandro Pasotti

- Assignee set to Alessandro Pasotti

#### #3 - 2018-01-24 07:31 PM - Alessandro Pasotti

Do I understand that correctly that the issue is that if the layers in a theme are within a group the group must be switched on if at least one of the layers is visible?

Let's make an example V=visible v=visible-grey:

```
[V] Group 1
  [V] Layer 1
  [V] Layer 2
-> save theme
-> make some changes in the tree
[ ] Group 1
  [v] Layer 1
  [ ] Layer 2
-> activate theme
[V] Group 1
  [V] Layer 1
  [V] Layer 2
-> make some changes in the tree
[V] Group 1
  [V] Layer 1
  [ ] Layer 2
-> activate theme
[V] Group 1
  [V] Layer 1
  [V] Layer 2
```

If this is the issue, a patch is coming ...

Note that group status is not saved in the themes.

**#4 - 2018-01-24 08:14 PM - Alessandro Pasotti**

- Pull Request or Patch supplied changed from No to Yes
- Status changed from Open to In Progress

PR: <https://github.com/qgis/QGIS/pull/6163>

**#5 - 2018-01-24 10:16 PM - Nathan Saylor**

The group layers have always responded to the the toggling of any of its sublayers. THAT may actually be the bigger issue here. So yeah, I think you got it then. I didn't realize that the problem isn't with the Themes, but with how the groups and sublayers are responding to each other. Thanks!

**#6 - 2018-01-25 08:45 AM - Anonymous**

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

Applied in changeset commit:qgis|b64444720ccc1ef27b3b0af6f658919d0c22c02f.

**#7 - 2018-01-25 08:52 AM - Alessandro Pasotti**

*- Resolution set to fixed/implemented*

Please give it a try.