

QGIS Application - Bug report #12953

Canvas does not automatically refresh after saving layer edits

2015-06-13 05:50 AM - Paul Kanelli

| | | |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------|------------------------------|
| Status: | Closed | |
| Priority: | Normal | |
| Assignee: | | |
| Category: | | |
| Affected QGIS version: | 2.8.2 | Regression?: No |
| Operating System: | Windows | Easy fix?: No |
| Pull Request or Patch supplied: | No | Resolution: wontfix |
| Crashes QGIS or corrupts data: | No | Copied to github as #: 21033 |
| Description | | |
| After saving a layer edit in QGIS 2.8.2 (Win7) I've to press F5 or change the map section to refresh the canvas. This is quite annoying when working with dynamic PostGIS views. Using QGIS 2.8.2 on Ubuntu 15.04 everythin is working fine. | | |

History

#1 - 2015-06-13 06:16 AM - Jürgen Fischer

Because what you changed also has an indirect effect on other layers on the postgres side?

#2 - 2015-06-13 06:16 AM - Jürgen Fischer

- Status changed from Open to Feedback

#3 - 2015-06-13 07:42 AM - Giovanni Manghi

- Category set to Map Canvas
- Operating System set to Windows

#4 - 2015-06-13 09:13 AM - Paul Kanelli

Jürgen Fischer wrote:

Because what you changed also has an indirect effect on other layers on the postgres side?

Dynamic buffers for example do not refresh automatically when saving new geometries to buffer.

#5 - 2015-06-13 09:31 AM - Jürgen Fischer

- Category deleted (Map Canvas)

Paul Kanelli wrote:

Jürgen Fischer wrote:

Because what you changed also has an indirect effect on other layers on the postgres side?

Dynamic buffers for example do not refresh automatically when saving new geometries to buffer.

What do you mean with dynamic buffers? Is the layer that you change not refreshed or is it another layer that is not refreshed?

#6 - 2015-06-13 09:55 AM - Paul Kanelli

When deleting or creating new geometries to buffer the PostGIS view/layer with the dynamic buffers isn't affected by the changes before refreshing the canvas by pressing F5 or changing the map section using the "Pan Map" or "Zoom" tool. This only happens using Windows. On Ubuntu the whole canvas refreshes automatically when saving a layer edit.

#7 - 2015-06-13 10:48 AM - Jürgen Fischer

Paul Kanelli wrote:

When deleting or creating new geometries to buffer the PostGIS view/layer with the dynamic buffers isn't affected by the changes before refreshing the canvas by pressing F5 or changing the map section using the "Pan Map" or "Zoom" tool. This only happens using Windows. On Ubuntu the whole canvas refreshes automatically when saving a layer edit.

Sorry, that still doesn't clearly answer my question. Please provide an example.

#8 - 2015-06-13 12:09 PM - Paul Kanelli

- File *canvas_refresh_issue.jpg* added

Just noticed the same issue appears using QGIS 2.9.0-Master on Ubuntu 15.04. Please see the attached image. I've deleted two of three "points_to_buffer" geometries and saved the layer edits. "Show Feature Counts" says there is one "buffer_50m" geometry but three "buffer_50m" geometries are still displayed.

"buffer_50m" is a PostGIS view:

```
CREATE VIEW buffer_50m AS
SELECT
gid,
ST_Buffer(geom, 50)::geometry(polygon, SRID)
FROM point_to_puffer;
```

BTW: The feature count of the "point_to_buffer" layer includes the deleted geometries too. There is only one "point_to_buffer" geometry in my PostGIS table.

#9 - 2015-06-13 11:54 PM - Jürgen Fischer

- Resolution set to wontfix

- Status changed from Feedback to Closed

- Operating System deleted (Windows)

QGIS doesn't know that the layers are related. Redrawing all layers if one changes is usually not necessary, but might be expensive - that's why their output is cached. So changing that would probably raise other issues.

Files

| | | | |
|--------------------------|---------|------------|--------------|
| canvas_refresh_issue.jpg | 69.7 KB | 2015-06-13 | Paul Kanelli |
|--------------------------|---------|------------|--------------|