

QGIS Application - Bug report #19449

Strange behaviour when saving styles in Postgres

2018-07-19 07:19 PM - Yaroslav Vasyunin

Status:	Closed	
Priority:	Normal	
Assignee:		
Category:	Symbology	
Affected QGIS version:	3.2	Regression?: No
Operating System:	Mac OS and Windows	Easy fix?: No
Pull Request or Patch supplied:	No	Resolution: invalid
Crashes QGIS or corrupts data:	No	Copied to github as #: 27277
Description		
<p>My QGIS projects loads vector layers from PostgreSQL. I have three users in my database:</p> <ul style="list-style-type: none">- postgres - admin of the whole database cluster (default user)- user1 - owner of one particular database "test".- user2 - it has limited access to the database "test" <p>I have two relevant schemas there:</p> <ul style="list-style-type: none">- public - for storing system and maintenance tables- data - where all working data is collected <p>All users have access to all objects (including functions and sequences) in these two schemas.</p> <p>If I save a style in the database under postgres or user2, then it is stored in public.layer_styles</p> <p>If I save a style in the database under user1 (db <u>owner</u>), then it is stored in data.layer_styles</p> <p>So if I open the QGIS project with user1, then I can't neither read styles saved in public.layer_styles nor add new styles there. I double checked permissions for styles tables. All users are granted with ALL permissions to them.</p>		

History

#1 - 2018-07-25 02:00 PM - Jürgen Fischer

- Status changed from Open to Feedback

Have you verified the search_path of the users (search_path could be set by user: ALTER ROLE user1 SET search_path...)?

#2 - 2018-07-25 02:51 PM - Yaroslav Vasyunin

Jürgen Fischer wrote:

| Have you verified the search_path of the users (search_path could be set by user: ALTER ROLE user1 SET search_path...)?

Yes - that is the route of my problem! Thank you for the tip. For some reason user1 had schema data in the search_path, while other users doesn't have it.

So it turns out it is not a bug, but an obscure behaviour. It would be nice to have a possibility to choose in which schema to write and read the layer_styles table... The following query helped me to see all custom search paths for all users and databases:

```
SELECT r.rolname, d.datname, rs.setconfig
FROM pg_db_role_setting rs
LEFT JOIN pg_roles r ON r.oid = rs.setrole
LEFT JOIN pg_database d ON d.oid = rs.setdatabase;
```

#3 - 2018-07-26 08:28 AM - Giovanni Manghi

Closing?

#4 - 2018-07-26 01:33 PM - Yaroslav Vasyunin

Giovanni Manghi wrote:

| *Closing?*

yes

#5 - 2018-07-26 05:17 PM - Giovanni Manghi

- *Resolution set to invalid*
- *Status changed from Feedback to Closed*