

QGIS Application - Feature request #10523

Postgis provider: a styles in layer_style with useasdefault set to false are used as default style

2014-06-10 07:05 AM - Gabriele Monfardini

Status:	Open	
Priority:	Normal	
Assignee:		
Category:	Data Provider/PostGIS	
Pull Request or Patch Supplied:	No	Resolution:
Easy fix?:	No	Copied to github as #: 18933
Description		
<p>I have a postgis layer with several styles saved in table public.layer_styles.</p> <p>All styles have useasdefault set to false (these styles only makes sense within some projects, should not be used as default styles).</p>		
Obtained results		
<p>When I open the layer without any project, one of the styles is applied, in particular the one with update_time more recent.</p>		
Expected results		
<p>When I open the layer without any project, no style is applied</p>		
Discussion		
<p>The exact query that finds the default style is in ~qgis/src/providers/postgres/qgspostgresprovider.cpp, line 3464</p> <pre>QString selectQmlQuery = QString("SELECT styleQML" " FROM layer_styles" " WHERE f_table_catalog=%1" " AND f_table_schema=%2" " AND f_table_name=%3" " AND f_geometry_column=%4" " ORDER BY CASE WHEN useAsDefault THEN 1 ELSE 2 END" ",update_time DESC LIMIT 1")</pre> <p>In my opinion rows with useasdefault set to false should be completely filtered out by the query.</p> <p>If all styles have useasdefault set to false, current query retrieves the most recent style while I think that no rows should be retrieved in this case and a "random color" style be applied.</p> <p>Thus I propose to change the query to:</p> <pre>QString selectQmlQuery = QString("SELECT styleQML" " FROM layer_styles" " WHERE f_table_catalog=%1" " AND f_table_schema=%2" " AND f_table_name=%3" " AND f_geometry_column=%4" " WHERE useAsDefault" " ORDER BY update_time DESC LIMIT 1")</pre>		

History

#1 - 2014-06-10 08:39 AM - Gabriele Monfardini

- File 10523.patch added

#2 - 2014-06-10 08:41 AM - Giovanni Manghi

better propose a patch as a pul request on qgis github repository, here it will probably not seen/reviewed by devs.

#3 - 2014-06-21 11:29 AM - Jürgen Fischer

- *Category set to Data Provider/PostGIS*

#4 - 2014-06-21 11:50 AM - Jürgen Fischer

- *Tracker changed from Bug report to Feature request*

There are two order criteria - first useDefault, second update_time. So the style with default comes first and the reset is ordered by update_time - that means if there is no style with useDefault the most current non-default style is taken. IMHO that's no bug - although the other behavior also makes sense.

#5 - 2017-05-01 12:47 AM - Giovanni Manghi

- *Easy fix? set to No*

Files

10523.patch	1.03 KB	2014-06-10	Gabriele Monfardini
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