

QGIS Application - Bug report #11417

Listing PostGIS layers from an EnterpriseDb fails

2014-10-15 12:13 PM - Wouter Boasson

Status: Closed	
Priority: Normal	
Assignee:	
Category: Data Provider/PostGIS	
Affected QGIS version: 2.4.0	Regression?: No
Operating System: All	Easy fix?: No
Pull Request or Patch supplied: No	Resolution: end of life
Crashes QGIS or corrupts data: No	Copied to github as #: 19694

Description

Listing postgis layers from an EnterpriseDb postgres database fails. Connecting to the database is no problem, but when clicking 'Connect' the layer list remains empty. The query used to retrieve information on the available layers also lists non existing schema's, which makes the `has_schema_privilege(n.nspname,'usage')` function call fails on non-existing schema's, leading to errors like these:
2014-10-15 08:44:38 CEST ERROR schema "dbms_ri" does not exist

Cause: the EnterpriseDb catalog also contains virtual schema's for their Oracle compatibility layer, using an extended `pg_namespace` table. Affects all versions of QGIS and EnterpriseDb Postgres.

My proposed solution is to take the ANSI Schema (`information_schema`) into account, as here the virtual schema's are filtered out. E.g. join or use an additional WHERE constraint. This approach should solve the problem, and is compatible with vanilla postgres databases:

```
SELECT l.f_table_name,l.f_table_schema,l.f_geometry_column,upper(l.type),l.srid,c.relkind
FROM geometry_columns l,pg_class c,pg_namespace n
WHERE c.relname=l.f_table_name
AND l.f_table_schema=n.nspname
AND n.oid=c.relnamespace
AND has_schema_privilege(n.nspname,'usage')
AND has_table_privilege('"'||n.nspname||'"."'||c.relname||'",','select')
AND n.nspname IN (SELECT schema_name FROM information_schema.schemata)
ORDER BY n.nspname,c.relname,l.f_geometry_column
```

History

#1 - 2017-05-01 01:07 AM - Giovanni Manghi

- Easy fix? set to No
- Regression? set to No

#2 - 2017-09-08 01:35 PM - Jürgen Fischer

- Assignee deleted (Jürgen Fischer)

#3 - 2019-03-09 03:12 PM - Giovanni Manghi

- Resolution set to end of life
- Status changed from Open to Closed

End of life notice: QGIS 2.18 LTR

Source:

<http://blog.ggis.org/2019/03/09/end-of-life-notice-ggis-2-18-ltr/>