

QGIS Application - Bug report #8191

PostgreSQL not working in DB Manager

2013-06-28 07:44 AM - rcline -

Status:	Closed	
Priority:	Severe/Regression	
Assignee:		
Category:	DB Manager	
Affected QGIS version:	master	Regression?: No
Operating System:	OX X	Easy fix?: No
Pull Request or Patch supplied:	No	Resolution: fixed
Crashes QGIS or corrupts data:	No	Copied to github as #: 17009

Description

This worked prior to the SIP changes. When I click on the triangle to display the schemas and tables in our PostgreSQL database, I get the following error.

An error has occured while executing Python code:

```
Traceback (most recent call last):
  File "/Applications/QGIS_2.0-dev.app/Contents/MacOS/../Resources/python/plugins/db_manager/db_model.py", line 402, in
rowCount
    self._refreshIndex( parent, True )
  File "/Applications/QGIS_2.0-dev.app/Contents/MacOS/../Resources/python/plugins/db_manager/db_model.py", line 454, in
_refreshIndex
    if item.populate():
  File "/Applications/QGIS_2.0-dev.app/Contents/MacOS/../Resources/python/plugins/db_manager/db_model.py", line 151, in
populate
    if not connection.connect():
  File "/Applications/QGIS_2.0-dev.app/Contents/MacOS/../Resources/python/plugins/db_manager/db_plugins/postgis/plugin.py",
line 89, in connect
    uri.setConnection(service, database, username, password, sslmode)
TypeError: arguments did not match any overloaded call:
  QgsDataSourceURI.setConnection(QString, QString, QString, QString, QString, QgsDataSourceURI.SSLmode
sslmode=QgsDataSourceURI.SSLprefer): argument 1 has unexpected type 'QPyNullVariant'
  QgsDataSourceURI.setConnection(QString, QString, QString, QString, QgsDataSourceURI.SSLmode
sslmode=QgsDataSourceURI.SSLprefer): argument 1 has unexpected type 'QPyNullVariant'
```

Python version:
2.7.2 (default, Oct 11 2012, 20:14:37)
[GCC 4.2.1 Compatible Apple Clang 4.0 (tags/Apple/clang-418.0.60)]

QGIS version:
1.9.0-Master Master, 104b4d9

The problem occurs in line 88 of
/Applications/QGIS_2.0-dev.app/Contents/Resources/python/plugins/db_manager/db_plugins/postgis/plugin.py:

```
if service != "":
    uri.setConnection(service, database, username, password, sslmode)
else:
    uri.setConnection(host, port, database, username, password, sslmode)
```

Service is not defined in our PostgreSQL database, however, service != "" in line 89 is returning True.
Changing the program so that the else always executes fixes the problem. I don't understand enough about QSettings() to offer a more robust fix.

Associated revisions

Revision 8dc28f2b - 2013-06-28 05:34 PM - Matthias Kuhn

PostgreSQL not working in DB Manager (Fix #8191)

History

#1 - 2013-06-28 07:46 AM - Paolo Cavallini

Are you sure your DB Manager is upgraded?

#2 - 2013-06-28 08:02 AM - Giovanni Manghi

- *Target version set to Version 2.0.0*
- *Category set to DB Manager*

#3 - 2013-06-28 08:29 AM - Matthias Kuhn

- *Status changed from Open to Feedback*

Can you try and confirm if the following change leads to the expected result:

if service:
 uri.setConnection....

#4 - 2013-06-28 09:18 AM - rcline -

- *Status changed from Feedback to Closed*

That fixed it. Thanks. Set to closed.

#5 - 2013-06-28 09:20 AM - Giovanni Manghi

- *Resolution set to fixed*