

QGIS Application - Bug report #5983

import Qgis-Layer to spatialite db via db Manager and Qspatialite is broken

2012-07-09 01:18 PM - Gerhard Spieles

Status:	Closed	
Priority:	Normal	
Assignee:		
Category:	DB Manager	
Affected QGIS version:	1.8.0	Regression?: No
Operating System:	win	Easy fix?: No
Pull Request or Patch supplied:	no	Resolution: fixed
Crashes QGIS or corrupts data:	no	Copied to github as #: 15398

Description

Import a QGis-Layer in dB manager via drag and drop is broken.

The import via Qspatialite reports the following errors and freeze mouse sandclock :

Fehler bei der Ausführung von Python-Code:

Traceback (most recent call last):

File "C:/Dokumente und Einstellungen/gerhard/.qgis/python/plugins/QspatiaLite/importQgis/importQgis.py", line 64, in run
if not self.parent.db.uploadQgisVectorLayer(layer, tableName=self.tablenames[i], srid=self.srid, selected=self.selected):

File "C:/Dokumente und Einstellungen/gerhard/.qgis/python/plugins/QspatiaLite/Classes/Database.py", line 253, in
uploadQgisVectorLayer

```
cursor.execute("""INSERT INTO "%s" VALUES (%s,%s)"""%(tableName,','.join([unicode(value).encode('utf-8') for value in  
values_auto]),','.join('?'*len(values_perso))),tuple([unicode(value) for value in values_perso]))
```

OperationalError: no such function: CastToMulti

Python-Version:

2.7.2 (default, Jun 12 2011, 15:08:59) [MSC v.1500 32 bit (Intel)]

QGIS-Version:

1.8.0-Lisboa Lisboa, 6416f38

Python-Pfad: ['C:/Dokumente und Einstellungen/gerhard/.qgis/python/plugins\\sextante', 'C:/PROGRA~1/Quantum GIS
Lisboa/apps/qgis/.python', 'C:/Dokumente und Einstellungen/gerhard/.qgis/python', 'C:/Dokumente und
Einstellungen/gerhard/.qgis/python/plugins', 'C:/PROGRA~1/Quantum GIS Lisboa/apps/qgis/.python/plugins',
'C:\\\\PROGRA~1\\\\Quantum GIS Lisboa\\\\bin\\\\python27.zip', 'C:\\\\PROGRA~1\\\\Quantum GIS
Lisboa\\\\apps\\\\Python27\\\\DLLs', 'C:\\\\PROGRA~1\\\\Quantum GIS Lisboa\\\\apps\\\\Python27\\\\lib',
'C:\\\\PROGRA~1\\\\Quantum GIS Lisboa\\\\apps\\\\Python27\\\\lib\\\\plat-win', 'C:\\\\PROGRA~1\\\\Quantum GIS
Lisboa\\\\apps\\\\Python27\\\\lib\\\\lib-tk', 'C:\\\\PROGRA~1\\\\Quantum GIS Lisboa\\\\apps\\\\qgis\\\\bin',
'C:\\\\PROGRA~1\\\\Quantum GIS Lisboa\\\\apps\\\\Python27', 'C:\\\\PROGRA~1\\\\Quantum GIS
Lisboa\\\\apps\\\\Python27\\\\lib\\\\site-packages', 'C:\\\\PROGRA~1\\\\Quantum GIS
Lisboa\\\\apps\\\\Python27\\\\lib\\\\site-packages\\\\PIL', 'C:\\\\PROGRA~1\\\\Quantum GIS
Lisboa\\\\apps\\\\Python27\\\\lib\\\\site-packages\\\\win32', 'C:\\\\PROGRA~1\\\\Quantum GIS
Lisboa\\\\apps\\\\Python27\\\\lib\\\\site-packages\\\\win32\\\\lib', 'C:\\\\PROGRA~1\\\\Quantum GIS
Lisboa\\\\apps\\\\Python27\\\\lib\\\\site-packages\\\\Pythonwin', 'C:\\\\PROGRA~1\\\\Quantum GIS
Lisboa\\\\apps\\\\Python27\\\\lib\\\\site-packages\\\\wx-2.8-msw-unicode', 'C:\\\\Dokumente und
Einstellungen\\\\gerhard\\\\.qgis\\\\python\\\\plugins\\\\mmqgis/forms', '/usr/share/qgis/python', 'C:\\\\PROGRA~1\\\\Quantum GIS
Lisboa\\\\apps\\\\qgis\\\\python\\\\plugins\\\\fTools\\\\tools']

History

#1 - 2012-07-09 01:55 PM - Jürgen Fischer

pyspatialite in the standalone installer uses and old internal version of spatialite. Please try the OSGeo4W version, which has spatialite 3.0.1.

#2 - 2012-07-10 02:07 AM - Giovanni Manghi

- Status changed from Open to Feedback

#3 - 2012-07-10 10:14 AM - Gerhard Spieles

- File *import_qgis_layerspatialite_broken_osgeo4w_installation.jpg* added

Installed QGIS 1.8.0.3 and dev from OSGeo4W. Starting QGIS, popup window reports following messages. DBManager window is empty and qspatialite is not available.

Konnte Erweiterung Qspatialite nicht laden wegen eines Fehler beim Aufruf seiner classFactory()-Methode

Traceback (most recent call last):

```
File "C:/OSGeo4W/apps/qgis-dev/.python\qgis\utils.py", line 164, in startPlugin
    plugins[packageName] = package.classFactory(iface)
File "C:/Dokumente und Einstellungen/gerhard/.qgis/python/plugins\Qspatialite\__init__.py", line 34, in classFactory
    from qspatialite import Qspatialite
File "C:/OSGeo4W/apps/qgis-dev/.python\qgis\utils.py", line 309, in _import
    mod = _builtin_import(name, globals, locals, fromlist, level)
File "C:/Dokumente und Einstellungen/gerhard/.qgis/python/plugins\Qspatialite\qspatialite.py", line 29, in
    from QspatialiteApp import QspatialiteApp
File "C:/OSGeo4W/apps/qgis-dev/.python\qgis\utils.py", line 309, in _import
    mod = _builtin_import(name, globals, locals, fromlist, level)
File "C:/Dokumente und Einstellungen/gerhard/.qgis/python/plugins\Qspatialite\QspatialiteApp.py", line 27, in
    from Classes.Database import *
File "C:/OSGeo4W/apps/qgis-dev/.python\qgis\utils.py", line 309, in _import
    mod = _builtin_import(name, globals, locals, fromlist, level)
File "C:/Dokumente und Einstellungen/gerhard/.qgis/python/plugins\Qspatialite\Classes\Database.py", line 1, in
    from pyspatialite import dbapi2 as sqlite #Load PySpatialite
File "C:/OSGeo4W/apps/qgis-dev/.python\qgis\utils.py", line 309, in _import
    mod = _builtin_import(name, globals, locals, fromlist, level)
File "C:/OSGeo4W/apps/qgis-dev/.python\pyspatialite\dbapi2.py", line 27, in
File "C:/OSGeo4W/apps/qgis-dev/.python\qgis\utils.py", line 309, in _import
    mod = _builtin_import(name, globals, locals, fromlist, level)
ImportError: No module named _spatialite
```

Python-Version:

2.7.2 (default, Jun 12 2011, 15:08:59) [MSC v.1500 32 bit (Intel)]

QGIS-Version:

1.9.0-Master Master, cbde7d4

Python-Pfad: ['C:/OSGeo4W/apps/qgis-dev/.python', 'C:/Dokumente und Einstellungen/gerhard/.qgis/python', 'C:/Dokumente und Einstellungen/gerhard/.qgis/python/plugins', 'C:/OSGeo4W/apps/qgis-dev/.python/plugins', 'C:\\\\OSGeo4W\\\\bin\\\\python27.zip', 'C:\\\\OSGeo4W\\\\apps\\\\Python27\\\\DLLs', 'C:\\\\OSGeo4W\\\\apps\\\\Python27\\\\lib', 'C:\\\\OSGeo4W\\\\apps\\\\Python27\\\\lib\\\\plat-win', 'C:\\\\OSGeo4W\\\\apps\\\\Python27\\\\lib\\\\lib-tk', 'C:\\\\OSGeo4W\\\\bin', 'C:\\\\OSGeo4W\\\\apps\\\\Python27', 'C:\\\\OSGeo4W\\\\apps\\\\Python27\\\\lib\\\\site-packages', 'C:\\\\OSGeo4W\\\\apps\\\\Python27\\\\lib\\\\site-packages\\\\PIL',

```
'C:\\\\OSGeo4W\\\\apps\\\\Python27\\\\lib\\\\site-packages\\\\win32', 'C:\\\\OSGeo4W\\\\apps\\\\Python27\\\\lib\\\\site-packages\\\\win32\\\\lib',  
'C:\\\\OSGeo4W\\\\apps\\\\Python27\\\\lib\\\\site-packages\\\\Pythonwin',  
'C:\\\\OSGeo4W\\\\apps\\\\Python27\\\\lib\\\\site-packages\\\\wx-2.8-msw-unicode', 'C:\\\\Dokumente und  
Einstellungen\\\\gerhard\\\\qgis\\\\python\\\\plugins\\\\mmqgis\\\\forms', '/usr/share/qgis/python']
```

#4 - 2012-07-10 11:02 AM - Jürgen Fischer

gespiel - wrote:

```
Installed QGIS 1.8.0.3 and dev from OSGeo4W. Starting QGIS, popup window reports following messages. DBManager window is empty an  
qspatialite is not available.
```

```
[...]
```

Hm, looks like you're running qgis-dev and not qgis-1.8.0-3 and a version of qgis-dev that still includes an internal copy of pysqlspatialite - which the current version doesn't.

#5 - 2012-07-10 01:19 PM - Gerhard Spieles

QGIS 1.8.0.3 from OSGeo4W produce the same result.

Konnte Erweiterung Qspatialite nicht laden wegen eines Fehler beim Aufruf seiner classFactory()-Methode

Traceback (most recent call last):

```
File "C:/OSGeo4W/apps/qgis/.python\qgis\utils.py", line 164, in startPlugin  
    plugins[packageName] = package.classFactory(iface)  
File "C:/Dokumente und Einstellungen/gerhard/.qgis/python/plugins\Qspatialite\__init__.py", line 34, in classFactory  
    from qspatialite import Qspatialite  
File "C:/OSGeo4W/apps/qgis/.python\qgis\utils.py", line 309, in _import  
    mod = _builtin_import(name, globals, locals, fromlist, level)  
File "C:/Dokumente und Einstellungen/gerhard/.qgis/python/plugins\Qspatialite\qspatialite.py", line 29, in  
    from QspatialiteApp import QspatialiteApp  
File "C:/OSGeo4W/apps/qgis/.python\qgis\utils.py", line 309, in _import  
    mod = _builtin_import(name, globals, locals, fromlist, level)  
File "C:/Dokumente und Einstellungen/gerhard/.qgis/python/plugins\Qspatialite\QspatialiteApp.py", line 27, in  
    from Classes.Database import *  
File "C:/OSGeo4W/apps/qgis/.python\qgis\utils.py", line 309, in _import  
    mod = _builtin_import(name, globals, locals, fromlist, level)  
File "C:/Dokumente und Einstellungen/gerhard/.qgis/python/plugins\Qspatialite\Classes\Database.py", line 1, in  
    from pysqlspatialite import dbapi2 as sqlite #Load PySpatialite  
File "C:/OSGeo4W/apps/qgis/.python\qgis\utils.py", line 309, in _import  
    mod = _builtin_import(name, globals, locals, fromlist, level)  
ImportError: No module named pysqlspatialite
```

Python-Version:

2.7.2 (default, Jun 12 2011, 15:08:59) [MSC v.1500 32 bit (Intel)]

QGIS-Version:

1.8.0-Lisboa Lisboa, 6416f38

Python-Pfad: ['C:/OSGeo4W/apps/qgis/.python', 'C:/Dokumente und Einstellungen/gerhard/.qgis/python', 'C:/Dokumente und Einstellungen/gerhard/.qgis/python/plugins', 'C:/OSGeo4W/apps/qgis/.python/plugins', 'C:\\\\OSGeo4W\\\\bin\\\\python27.zip', 'C:\\\\OSGeo4W\\\\apps\\\\Python27\\\\DLLs', 'C:\\\\OSGeo4W\\\\apps\\\\Python27\\\\lib', 'C:\\\\OSGeo4W\\\\apps\\\\Python27\\\\lib\\\\plat-win', 'C:\\\\OSGeo4W\\\\apps\\\\Python27\\\\lib\\\\lib-tk', 'C:\\\\OSGeo4W\\\\apps\\\\qgis\\\\bin', 'C:\\\\OSGeo4W\\\\apps\\\\Python27', 'C:\\\\OSGeo4W\\\\apps\\\\Python27\\\\lib\\\\site-packages', 'C:\\\\OSGeo4W\\\\apps\\\\Python27\\\\lib\\\\site-packages\\\\PIL', 'C:\\\\OSGeo4W\\\\apps\\\\Python27\\\\lib\\\\site-packages\\\\win32', 'C:\\\\OSGeo4W\\\\apps\\\\Python27\\\\lib\\\\site-packages\\\\win32\\\\lib', 'C:\\\\OSGeo4W\\\\apps\\\\Python27\\\\lib\\\\site-packages\\\\Pythonwin', 'C:\\\\OSGeo4W\\\\apps\\\\Python27\\\\lib\\\\site-packages\\\\wx-2.8-msw-unicode', 'C:\\\\Dokumente und Einstellungen\\\\gerhard\\\\.qgis\\\\python\\\\plugins\\\\mmqgis\\\\forms', '/usr/share/qgis/python']

#6 - 2012-07-10 01:26 PM - Jürgen Fischer

gespiel - wrote:

QGIS 1.8.0.3 from OSGeo4W produce the same result.

[...]

not quite. It didn't find pyspatialite this time - not the old version. Is the pyspatialite package installed?

#7 - 2012-07-10 02:12 PM - Gerhard Spieles

- File *dbmanager_statuspanel_postgis_no_module.jpg* added

Have just updated from OSGeo4W pyspatial 2.3.1-3. Startupmessages dissapear in 1.8.0.3 and import in qspatial works.

Thanks

In db Manager, drag and drop a shp-layer from Qgis to spatiallite is further not possible.

In the status panel, dbmager reports: "postgis: No module named pycpg2" (see attached jpg)

#8 - 2012-07-10 02:31 PM - Jürgen Fischer

gespiel - wrote:

Have just updated from OSGeo4W pyspatial 2.3.1-3. Startupmessages dissapear in 1.8.0.3 and import in qspatial works.

Thanks

In db Manager, drag and drop a shp-layer from Qgis to spatiallite is further not possible.

In the status panel, dbmager reports: "postgis: No module named pycpg2" (see attached jpg)

retry the upgrade please - pyspatialite and pycpg2 should be a dependency of qgis now (before dbmanager inclusion both were optional and only installed with qgis-full - that's why the standalone installer made from qgis-full has both).

#9 - 2012-07-11 09:59 AM - Giuseppe Sucameli

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2025-04-27

4/5

In db Manager, drag and drop a shp-layer from Qgis to spatiallite is further not possible.
In the status panel, dbmager reports: "postgis: No module named psycopg2" (see attached jpg)

DBManager should work even if one of psycopg2 or pyspatialite is missing, so the problem you get importing a shape shouldn't depend on the message displayed on the status bar.

A message box with the error should be displayed when the import fails. If so, could you report the error in a new ticket, please?
If instead it works after installing psycopg2, please report here.

#10 - 2012-07-11 10:38 AM - Gerhard Spieles

- File dbmaanger_drag_drop_import_broken_spatiallite.jpg added

have installed the latest osgeo4w package. Postgissymbol appears in db manager and statusbar is clean. (see attached jpg)
Drag and drop shp-layer into spatialite db in dbmanager window is further not possible.
Mousepointer change form to stop-marker, while trying to drop it in db-manager window.

#11 - 2012-07-12 12:02 AM - Giovanni Manghi

Mousepointer change form to stop-marker, while trying to drop it in db-manager window.

drag and drop muste be done from within the qgis browser, it doesn't work from the TOC. Just to be sure you are doing the right way. Cheers!

#12 - 2012-07-12 12:53 PM - Gerhard Spieles

- Resolution set to fixed
- Status changed from Feedback to Closed

Yes, all works fine. A lot of thanks for your work.

Best regards
Gerhard

Files

import_qgis_layer_in_to_spatialite_db_broken.jpg	492 KB	2012-07-09	Gerhard Spieles
import_qgis_layerspatialite_broken_osgeo4w_installation.jpg	383 KB	2012-07-10	Gerhard Spieles
dbmanager_statuspanel_postgis_no_module.jpg	492 KB	2012-07-10	Gerhard Spieles
dbmaanger_drag_drop_import_broken_spatiallite.jpg	484 KB	2012-07-11	Gerhard Spieles