

QGIS Application - Bug report #14981

Import of Shapefile to Geopackage-Database in DB-Manager fails

2016-06-08 01:39 AM - Flo Ju

Status: Closed	
Priority: Normal	
Assignee:	
Category: DB Manager	
Affected QGIS version: 2.14.1	Regression?: No
Operating System: Windows	Easy fix?: No
Pull Request or Patch supplied: No	Resolution: duplicate
Crashes QGIS or corrupts data: No	Copied to github as #: 22930
Description	
<p>If I try to import a SHP into an existing Geopackage-Database with DB-Manager the following error occurs: "Error 11 Connection to database failed" - although the GPKG-Database is connected in DB-Manager and existing data viewable. Screenshot attached.</p>	

History

#1 - 2016-06-08 02:22 PM - Salvatore Larosa

- Category set to Data Provider/Spatialite

#2 - 2016-06-12 02:48 AM - Matthias Kuhn

- Category changed from Data Provider/Spatialite to DB Manager

This does not seem to be related to spatialite. If it's about the target provider it should be gdal/ogr, was this the intention, and if yes, do you have any hints what might be wrong?

#3 - 2016-06-12 11:57 AM - Even Rouault

There are 2 issues :

- DlgImportVector.accept() calls QgsVectorLayerImport.importLayer() with providerName = 'spatialite', but the spatialite provider doesn't support GPKG. This could be tweaked to route to the ogr provider
- However QgsOgrProvider::createEmptyLayer() (and QgsOgrProvider constructor) doesn't accept database style URI (with dbname, table parameters), and doesn't accept creating a new layer into an existing datasources. I'm not sure adding this capability in feature freeze is appropriate ?

#4 - 2016-07-06 12:35 AM - Tim Sutton

- File qgis.gif added

Hi

I could replicate the issue here as well although I am not sure if it is the same error others get.

See attached gif for the workflow I tried:

```
2016-07-06T08:30:05 1 Traceback (most recent call last):
```

```
File "/Users/timlinux/dev/cpp/QGIS/build-QGIS-QGIS_Build_Kit-Default/output/python/plugins/db_manager/db_tree.py", line 103, in newConnection
```

```

self.mainWindow.invokeCallback(item.addConnectionActionSlot, index)
File "/Users/timlinux/dev/cpp/QGIS/build-QGIS-QGIS_Build_Kit-Default/output/python/plugins/db_manager/db_manager.py", line 288, in
invokeCallback
callback(self.tree.currentItem(), self.sender(), self, *params)
File
"/Users/timlinux/dev/cpp/QGIS/build-QGIS-QGIS_Build_Kit-Default/output/python/plugins/db_manager/db_plugins/spatialite/plugin.py", line 102,
in addConnectionActionSlot
index.internalPointer().itemChanged.emit()
AttributeError: 'function' object has no attribute 'emit'

```

I think that since GeoPackage support is 'the way of the future' we should fix this if we can before the release (I would not consider it a new feature). In the DB Manager the database connection group is 'Spatialite/GeoPackage' which implies for the user that GeoPackage imports should work.

#5 - 2016-07-22 09:28 AM - Anita Graser

Tim Sutton wrote:

| *In the DB Manager the database connection group is 'Spatialite/GeoPackage' which implies for the user that GeoPackage imports should work.*

+1 It does not work in the 2.16 release now.

Is there any other way within QGIS to add a table to an existing GeoPackage?

(Is this issue really Windows-only?)

#6 - 2016-11-11 01:26 AM - Admire Nyakudya

- File error.png added

I have created a geopackage vector using ogr and when I try to add a layer in dbmanager I also encounter connection to database failed.

System: ubuntu 16.04

Qgis: 2.18

#7 - 2017-03-06 08:11 AM - Giovanni Manghi

- Resolution set to duplicate

- Status changed from Open to Closed

replaced by #16295

Files

2016-06-08_10_33_06-DB_Manager_-_Remote.jpg	122 KB	2016-06-07	Flo Ju
qgis.gif	1.12 MB	2016-07-05	Tim Sutton
error.png	142 KB	2016-11-11	Admire Nyakudya