QGIS Application - Bug report #21844
I get error message Invalid Layer When I add raster layer from DB_Manager in QGIS 3.4.6

2019-04-13 07:18 AM - Navid Taheri

Status:	Feedback		
Priority:	Normal		
Assignee:			
Category:	DB Manager		
Affected QGIS version:	3.4.6	**Regression?:**	No
Operating System:	LMDE 3 (Debian 9)	**Easy fix?:**	No
Pull Request or Patch supplied:		**Resolution:**	
Crashes QGIS or corrupts data:		**Copied to github as #:**	29659

Description

I downloaded two rasters from site: srtm.csi.cgiar.org/srtmdata/ after that I did import them to my PostgreSQL database
It seem those files imported without any problem I checked by SQL queries moreover I can add them without
any problem to my map through Layer > Add Layer > Add Raster Layer But when I want add them via DB_Manager or Layer > Add Layer > Add PostGIS Layers, I got error messages:

"Invalid Layer: GDAL provider Cannot open GDAL dataset PG: dbname='zigmamap' host=localhost user=postgres port=5432 mode=2 schema='public' column='rast' table='srtm_48_06': Couldn't establish a database connection Raster layer Provider is not valid (provider: gdal, URI: PG: dbname='zigmamap' host=localhost user=postgres port=5432 mode=2 schema='public' column='rast' table='srtm_48_06'"

History

#1 - 2019-04-14 08:57 PM - Giovanni Manghi

- Status changed from Open to Feedback

I cannot confirm, downloaded a raster from the same source, loaded it in postgresql (used 9 and 10) with raster2pgsql and always been able to add it to qgis using the db manager (tested also on both Linux and Windows).

#2 - 2019-04-15 01:25 AM - Navid Taheri

Giovanni Manghi wrote:

> *I cannot confirm, downloaded a raster from the same source, loaded it in postgresql (used 9 and 10) with raster2pgsql and always been able to add it to qgis using the db manager (tested also on both Linux and Windows).*

Thank you so much, I'm using PostgreSQL latest version (11.2) in LMDE 3 X64 but based on you answer I think this problem is not relate to postgresql, I did import rasters in many way based on raster2pgsql manual in Postgis.net,I'd many try even I tried with asc format, may I ask you write your command line you used for importing rasters? I will check again with your method
Thanks a bunch

#3 - 2019-04-15 01:32 AM - Giovanni Manghi

Navid Taheri wrote:

> *Giovanni Manghi wrote:*

> *I cannot confirm, downloaded a raster from the same source, loaded it in postgresql (used 9 and 10) with raster2pgsql and always been able to add it to qgis using the db manager (tested also on both Linux and Windows).*
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> *Thanks a bunch*

i.e.

raster2pgsql -s 4326 -I -M -C srtm_35_05.tif mdtteste > mdtteste.sql

then

sql -U teste -h localhost -f mdtteste.sql

#4 - 2019-04-15 08:05 AM - Navid Taheri

Giovanni Manghi wrote:

> *Navid Taheri wrote:*
>
>> *Giovanni Manghi wrote:*
>>
>>> *I cannot confirm, downloaded a raster from the same source, loaded it in postgresql (used 9 and 10) with raster2pgsql and always been able to add it to qgis using the db manager (tested also on both Linux and Windows).*
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>> *Thanks a bunch*
>
> *i.e.*
>
> *raster2pgsql -s 4326 -I -M -C srtm_35_05.tif mdtteste > mdtteste.sql*
>
> *then*
>
> *sql -U teste -h localhost -f mdtteste.sql*

Thank you much, I found out, When I select rater in DB_Manager and then right click on that and select add to Canvas option it's Ok It added without any error message add to my map without problem, But when I want add to Canvas via drag and drop I got that error I described earlier, I don't know why drag and drop and add PostGIS didn't work without any problem for me but it is not important I'll add my raster DB_Manager > Add To Canvas.

Thank you so much

#5 - 2019-04-15 09:33 AM - Giovanni Manghi

> *Thank you much, I found out, When I select rater in DB_Manager and then right click on that and select add to Canvas option it's Ok It added*

without any error message add to my map without problem, But when I want add to Canvas via drag and drop I got that error I described earlier, I don't know why drag and drop and add PostGIS didn't work without any problem for me but it is not important I'll add my raster DB_Manager > Add To Canvas.

Thank you so much

works ok for me with d&d, double click, and right click > add to canvas

#6 - 2019-04-15 09:38 AM - Navid Taheri

Giovanni Manghi wrote:

> *Thank you much, I found out, When I select rater in DB_Manager and then right click on that and select add to Canvas option it's Ok It added without any error message add to my map without problem, But when I want add to Canvas via drag and drop I got that error I described earlier, I don't know why drag and drop and add PostGIS didn't work without any problem for me but it is not important I'll add my raster DB_Manager > Add To Canvas.*
>
> *Thank you so much*
>
> *works ok for me with d&d, double click, and right click > add to canvas*

I don't know why work for you perfect, I'd wish work for me like you but It didn't, but for only work DB_Manager > Add To Canvas, Is it possible because PostgreSQL version? I'm using PostgreSQL 11.2 (Debian 11.2-1.pgdg90+1) on x86_64-pc-linux-gnu, compiled by gcc (Debian 6.3.0-18+deb9u1) 6.3.0 20170516, 64-bit

#7 - 2019-04-15 11:53 PM - Giovanni Manghi

> *I don't know why work for you perfect, I'd wish work for me like you but It didn't, but for only work DB_Manager > Add To Canvas, Is it possible because PostgreSQL version? I'm using PostgreSQL 11.2 (Debian 11.2-1.pgdg90+1) on x86_64-pc-linux-gnu, compiled by gcc (Debian 6.3.0-18+deb9u1) 6.3.0 20170516, 64-bit*

can you test on pgsql 9/10?

#8 - 2019-04-16 07:05 AM - Navid Taheri

Giovanni Manghi wrote:

> *I don't know why work for you perfect, I'd wish work for me like you but It didn't, but for only work DB_Manager > Add To Canvas, Is it possible because PostgreSQL version? I'm using PostgreSQL 11.2 (Debian 11.2-1.pgdg90+1) on x86_64-pc-linux-gnu, compiled by gcc (Debian 6.3.0-18+deb9u1) 6.3.0 20170516, 64-bit*
>
> *can you test on pgsql 9/10?*

No, No need thank you so much, If I'll be able add raster to map by add to canvas it is enough for me, I hope in new QGIS update it can be more compatible with postgresql latest version because postgresql is growing very fast.

Thank for taking your time 🗨🗨🗨🗨

#9 - 2019-05-06 01:09 PM - Paolo Cavallini

I don't think it's the pg version, It works smoothly for me on pg11

Files

error.png	412 KB	2019-04-13	Navid Taheri