

## QGIS Application - Bug report #17363

### DB Manager cannot load a PG Raster with a complex name

2017-10-31 01:13 AM - Mike Taves

<b>Status:</b> Closed	
<b>Priority:</b> Normal	
<b>Assignee:</b>	
<b>Category:</b> DB Manager	
<b>Affected QGIS version:</b> 2.18.13	<b>Regression?:</b> No
<b>Operating System:</b> Windows 10	<b>Easy fix?:</b> Yes
<b>Pull Request or Patch supplied:</b> No	<b>Resolution:</b> no timely feedback
<b>Crashes QGIS or corrupts data:</b> No	<b>Copied to github as #:</b> 25260

#### Description

A PostGIS geometry table with a complex name can successfully be added to QGIS via DB Manager:

```
CREATE TABLE public."dot.geom"  
(  
  gid serial NOT NULL,  
  geom geometry(Point,2193)  
);
```

However, a similarly named raster table cannot be added to QGIS via DB Manager:

```
CREATE TABLE public."dot.rast"  
(  
  rid serial NOT NULL,  
  rast raster  
);
```

The only useful error message from the "Enter Credentials" dialog has:

```
Cannot open GDAL dataset PG: dbname= <... snip ...> :  
Error browsing database for PostGIS Raster properties :  
Error: cross-database references are not implemented: "public.dot.rast"  
LINE 1: ...rast)) scale_x, avg(ST_ScaleY(rast)) scale_y from public.dot...
```

The easier-to-find Log message from DBManagerPlugin does not show the previous message, only a generic:

```
PG: dbname=postgis host=localhost user=postgres port=5436 mode=2 schema=public column=rast table=dot.rast is an invalid  
layer - not loaded
```

The bug is easily identified in the first error message: public.dot.rast is not a valid table/view name, but "public"."dot.rast" is valid. I'm not sure where the error is located in the source code, but all PostgreSQL objects need to use something like `quote\_ident` or `PQescapeLiteral` to function normally.

There doesn't appear to be any issues with the first example with "public"."dot.geom", so all good there!

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## History

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### #1 - 2019-01-21 12:34 AM - Jürgen Fischer

- *Status changed from Open to Feedback*

Please test with QGIS 3.4 - QGIS 2.18 reached it's end of life.

### #2 - 2019-03-08 11:43 AM - Giovanni Manghi

- *Resolution set to no timely feedback*

- *Status changed from Feedback to Closed*

Closing for lack of feedback.