

QGIS Application - Bug report #13670

DBManager selects wrong field as key when loading view from PostGIS

2015-10-25 05:58 AM - Sebastian Dietrich

Status: Closed	
Priority: Normal	
Assignee:	
Category: DB Manager	
Affected QGIS version: master	Regression?: No
Operating System:	Easy fix?: No
Pull Request or Patch supplied: No	Resolution: end of life
Crashes QGIS or corrupts data: No	Copied to github as #: 21704
Description	
<p>When loading a view with DBManager the first numeric column is selected as the key. If the data in that column is not unique the addition of the layer fails.</p> <p>If it is unique in the first place but later becomes non-unique, the layer fails to load correctly when opening the project or layer definition file.</p>	
Related issues:	
Related to QGIS Application - Bug report # 13341: DBManager doesn't import vi...	Closed 2015-09-11

History

#1 - 2015-10-25 06:03 AM - Sebastian Dietrich

To reproduce:

- Create a view with the first numeric column not being unique:

```
CREATE OR REPLACE VIEW "TestViewFail" AS
SELECT
  1 AS "nonID",
  generate_series(1, 2) AS "ID"
```

- Create the same view with the columns swapped:

```
CREATE OR REPLACE VIEW "TestViewPass" AS
SELECT
  generate_series(1, 2) AS "ID",
  1 AS "nonID"
```

- Try to add both views from DBManager. Note that the addition of the first view fails while the addition of the second one succeeds.

#2 - 2015-10-25 06:12 AM - Sebastian Dietrich

- Assignee set to *Giuseppe Sucameli*

This is related to #13341, where DBManager fails to load a view with a non-numeric primary key.

I think the best solution - for both tickets - would be to have the user select the columns that make up the primary key for the view. Pretty much the same way it is already done when adding a query from DBManager or when adding a view from the *Add PostGIS layer* dialog.

#3 - 2017-05-01 01:06 AM - Giovanni Manghi

- *Easy fix? set to No*
- *Regression? set to No*

#4 - 2018-09-24 11:17 AM - Jürgen Fischer

- *Assignee deleted (Giuseppe Sucameli)*
- *Description updated*

#5 - 2019-03-09 04:09 PM - Giovanni Manghi

- *Resolution set to end of life*
- *Status changed from Open to Closed*

End of life notice: QGIS 2.18 LTR

Source:

<http://blog.qgis.org/2019/03/09/end-of-life-notice-qgis-2-18-ltr/>