

QGIS Application - Bug report #20336

Involuntary Feature Filtering

2018-11-02 07:48 PM - Andrew Fleming

Status:	Feedback	
Priority:	Normal	
Assignee:		
Category:	Data Provider/Oracle	
Affected QGIS version:	3.6.0	Regression?: Yes
Operating System:	Windows 7	Easy fix?: No
Pull Request or Patch supplied:	No	Resolution:
Crashes QGIS or corrupts data:	No	Copied to github as #: 28157

Description

Hi everyone,

When I load a polygon feature from my Oracle Database into QGIS 3.2.4 & 3.4 (Using Windows 7), the polygon records are filtered in the attribute table.

Please see /attachments/download/13659/Filtered%20Records%201.JPG

If I search for one of the hidden features using an Advanced Filter, I can find the feature successfully but the attribute table loads a completely different feature with entirely different attributes.

Please see /attachments/download/13660/Filtered%20Records%202.JPG

Strangely, if I pan / zoom the map view to this 'wrong' record, the map extent goes to the one I originally intended to find.

Please see /attachments/download/13661/Filtered%20Records%203.JPG

I don't have the same issue if I load the feature as a shapefile or perform the same feature load in the last QGIS LTR (2.18). I tried to research this topic a little bit but could not find a solution to the problem. I'm hoping someone can help. Just an FYI, this is my first time submitting a Bug report so my apologies if I've broken any reporting rules or omitted information.

Thanks,
Andrew

History

#1 - 2018-11-02 09:26 PM - Giovanni Manghi

- Status changed from Open to Feedback

Are you using a configuration like "show only visible features"?

Did it worked on 2.18?

Does it happens only with Oracle or also other data sources?

#2 - 2018-11-03 03:42 PM - Harrissou Santanna

- Regression? changed from No to Yes

| Just an FYI, this is my first time submitting a Bug report so my apologies if I've broken any reporting rules or omitted information.

@Andrew for a first report, this is rather well described imho.

For completeness, can you check as suggested by Giovanni what's set for Preferences --> Settings --> Data sources --> Attribute table behavior? This will let know whether the initial filtering is normal or not.

#3 - 2018-11-05 03:47 PM - Andrew Fleming

- File Data Source Image (3.2).JPG added

Thanks for your help so far friends. I attached a screenshot of my Data Sources for your review. 'Attribute table behaviour' is set to 'Show all features'.

Please see [!/attachments/download/13684/Data%20Source%20Image%20\(3.2\).JPG!](#)

Sorry, I realized I forgot to respond to Giovanni. This filtering does not happen in 2.18 and the Data Sources settings are the same.

#4 - 2019-03-04 07:24 PM - Andrew Fleming

Hello all,

For anyone that happens to stumble onto this, I figured out how resolve this issue. To prevent QGIS from what I describe as 'Involuntary' filtering (or the phenomena where extra features are automatically added outside your Selection Area), you must establish the primary key of your table **IN** QGIS.

To accomplish this:

- 1) Open the DB Manager,
- 2) Select your layer in the respective schema
- 3) Select the primary key column in the 'Column with unique values' dropdown list.
- 4) Click Update. (and don't forget to save your workspace)

or alternatively, you can:

- 1) Add your affected layer to a workspace,
- 2) Right-click on it in the Layers panel,
- 3) Left-click 'Update SQL Layer'
- 4) Follow steps 3 and 4 above.

I initially thought QGIS captured the primary key automatically from the indexes in your database, but clearly this is not always the case. I hope someone else finds this useful.

Thanks,
Andrew

#5 - 2019-03-05 06:02 PM - Giovanni Manghi

| To accomplish this:

- 1) Open the DB Manager,
- 2) Select your layer in the respective schema

- 3) Select the primary key column in the 'Column with unique values' dropdown list.
- 4) Click Update. (and don't forget to save your workspace)

is this a thing only for Oracle layers?

or alternatively, you can:

- 1) Add your affected layer to a workspace,
- 2) Right-click on it in the Layers panel,
- 3) Left-click 'Update SQL Layer'
- 4) Follow steps 3 and 4 above.

this is about a query layer (from Oracle?)?

#6 - 2019-03-05 06:07 PM - Andrew Fleming

Hi Giovanni,

Yes, the aforementioned issues are related to Oracle layers brought into QGIS.

#7 - 2019-03-05 06:09 PM - Giovanni Manghi

- Category changed from Attribute table to Data Provider/Oracle

#8 - 2019-03-05 06:09 PM - Giovanni Manghi

Andrew Fleming wrote:

Hi Giovanni,

Yes, the aforementioned issues are related to Oracle layers brought into QGIS.

can you set the most recent version where you observed it?

#9 - 2019-03-05 06:16 PM - Andrew Fleming

The filtering / selection issue is present in 3.6.0 (and all previous version 3 releases).

Unfortunately, updating the 'Column with unique values' field in the DB manager is now preventing me from editing the oracle table. Perhaps I'm doing something incorrectly?

#10 - 2019-03-05 06:23 PM - Giovanni Manghi

- Affected QGIS version changed from 3.4.0 to 3.6.0

Andrew Fleming wrote:

The filtering / selection issue is present in 3.6.0 (and all previous version 3 releases).

Unfortunately, updating the 'Column with unique values' field in the DB manager is now preventing me from editing the oracle table. Perhaps I'm doing something incorrectly?

I don't have an Oracle backend I can use to try this scenario.

#11 - 2019-03-06 12:04 AM - Jürgen Fischer
- Description updated

Files			
Filtered Records 1.JPG	29.4 KB	2018-11-02	Andrew Fleming
Filtered Records 2.JPG	39.7 KB	2018-11-02	Andrew Fleming
Filtered Records 3.JPG	120 KB	2018-11-02	Andrew Fleming
Data Source Image (3.2).JPG	103 KB	2018-11-05	Andrew Fleming