

## QGIS Application - Bug report #11538

### Field Calculator cannot update certain PostGIS tables

2014-11-04 12:06 AM - Thomas Kandler

<b>Status:</b>	Closed	
<b>Priority:</b>	Severe/Regression	
<b>Assignee:</b>		
<b>Category:</b>	Field calculator	
<b>Affected QGIS version:</b>	2.6.0	<b>Regression?:</b> No
<b>Operating System:</b>	Windows	<b>Easy fix?:</b> No
<b>Pull Request or Patch supplied:</b>	No	<b>Resolution:</b> fixed/implemented
<b>Crashes QGIS or corrupts data:</b>	No	<b>Copied to github as #:</b> 19808
<b>Description</b> Steps: <ul style="list-style-type: none"><li>- open PostGIS table with geometry</li><li>- enable editing</li><li>- select a few features</li><li>- open attribute table, click on Field calculator</li><li>- check "Update existing field", select column to update</li><li>- enter a value in the "Expression" field</li><li>- click OK</li></ul> <p>QGIS will not update the column but rather append a new (unnamed) column at the end of the attribute table which holds the value for any row in the table. The problem does not occur when working with .shp files.</p>		
<b>Related issues:</b>		
Related to QGIS Application - Bug report # 9844: postgis: if owner is a group...	Closed	2014-03-24
Related to QGIS Application - Bug report # 11574: regression: field calculato...	Closed	2014-11-05
Duplicates QGIS Application - Bug report # 11932: update selected features vi...	Closed	2015-01-01

#### History

##### #1 - 2014-11-04 12:17 AM - Giovanni Manghi

- Status changed from Open to Feedback

does it happen on qgis 2.6? if not with shapes, what formats are affected?

##### #2 - 2014-11-04 12:47 AM - Thomas Kandler

Yes, 2.6 is also afflicted.

Regarding the formats: Postgres Database with PostGIS extension, geometry column is filled with (Single) Polygons in WKB format. I hope, I understood your question correctly.

##### #3 - 2014-11-04 12:52 AM - Giovanni Manghi

- Status changed from Feedback to Open

- Affected QGIS version changed from 2.4.0 to 2.6.0

##### #4 - 2014-11-04 12:58 AM - Giovanni Manghi

- Status changed from Open to Feedback

Just tested on PostGIS layers (polygon and multipolygon) of my own and cannot replicate the issue. Does it happens on any layer you edit? or just specific ones? what postgre/postgis versions are you using? Did you noticed the same issue also in older qgis releases?

**#5 - 2014-11-04 01:22 AM - Thomas Kandler**

Postgres 9.3.1 & PostGIS 2.1.0

Does happen on any layer (both, containing (multi) geometries and no geometries). We can use the same database on QGIS 2.2 with the field calculator working fine. Starting with 2.4 the bug pops up.

Tables are created with

`oids=false`

May this be of any relevance?

**#6 - 2014-11-05 01:22 AM - Giovanni Manghi**

| *May this be of any relevance?*

not sure, what happens if instead you import a vector using one of the standard tools (db manager, spit, shp2pgsql, ogr2ogr, etc.) and then edit it and do the above operation?

**#7 - 2014-11-07 09:10 PM - Thomas Kandler**

Imported a table with DB Manager Import Tool -> Field Calculator works fine. What could be a possible cause of this behaviour?

When comparing the tables with and without Field Calculator Error, the only difference are quotation marks on the primary key in the table which was imported using DB Manager.

`CONSTRAINT some_pkey PRIMARY KEY (objectid)`

`CONSTRAINT some_other_pkey PRIMARY KEY ("ID")`

On a side note: the FieldPyculator Plugin does work - even on those PostGIS tables the normal Field Calculator is not able to handle.

**#8 - 2014-11-08 05:35 AM - Giovanni Manghi**

- *Status changed from Feedback to Open*

- *Category changed from Attribute table to Field calculator*

- *Subject changed from Field Calculator Update Column to Field Calculator cannot update PostGIS tables*

**#9 - 2014-11-08 05:35 AM - Giovanni Manghi**

Thomas Kandler wrote:



Yes, 2.6 is also afflicted.



are previous qgis releases affected?

**#10 - 2014-11-08 05:35 AM - Giovanni Manghi**

- Status changed from Open to Feedback

**#11 - 2014-11-08 06:01 AM - Thomas Kandler**

Giovanni Manghi wrote:



are previous qgis releases affected?



Thomas Kandler wrote:



Starting with 2.4 the bug pops up.

**#12 - 2014-11-08 06:04 AM - Giovanni Manghi**

Thomas Kandler wrote:

?

Starting with 2.4 the bug pops up.

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so before qgis 2.4 (qgis <= 2.2) it was ok in the same conditions, right?

#### #13 - 2014-11-08 06:08 AM - Thomas Kandler

Giovanni Manghi wrote:

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so before qgis 2.4 (qgis <= 2.2) it was ok in the same conditions, right?

?

Yes, exactly.

#### #14 - 2014-11-08 06:12 AM - Giovanni Manghi

- Subject changed from *Field Calculator cannot update PostGIS tables* to *Field Calculator cannot update certain PostGIS tables*
- Status changed from *Feedback* to *Open*
- Priority changed from *Normal* to *Severe/Regression*

#### #15 - 2014-11-10 01:10 AM - Giovanni Manghi

see also #11574, probably the same issue.

#### #16 - 2015-02-12 04:20 PM - Jürgen Fischer

- Resolution set to *fixed/implemented*
- Status changed from *Open* to *Closed*

fixed in commit:32945058