

QGIS Application - Bug report #19634

Postgres trigger behaviour using QGIS

2018-08-16 05:48 PM - Casper Bertelsen

Status:	Closed	
Priority:	Normal	
Assignee:		
Category:	Data Provider/PostGIS	
Affected QGIS version:	3.2	Regression?: No
Operating System:	Windows 10	Easy fix?: No
Pull Request or Patch supplied:	No	Resolution: workforme
Crashes QGIS or corrupts data:	No	Copied to github as #: 27461
Description		
<p>Trying to take advantage of statement-level triggers in Postgres using QGIS, I noticed some unfortunate behaviour.</p> <p>Take this example:</p> <p>Inserting two rows into a table in QGIS and then pressing save is processed as two separate statements, instead of one statement inserting two rows.</p> <p>To replicate the behaviour in postgres, when pressing save, having inserted the two rows would be equivalent to the following SQL:</p> <pre>-- Row 1 INSERT INTO table VALUES (xx); -- Row 2 INSERT INTO table VALUES (yy); -- Statement-level trigger would fire twice.</pre> <p>Instead of this behaviour:</p> <pre>INSERT INTO table VALUES (xx), -- Row 1 (yy); -- Row 2 -- Statement-level trigger would fire once.</pre> <p>The same behaviour is applied when updating. :-(</p> <p>Is this the intended behaviour using Postgres with QGIS?</p>		

History

#1 - 2018-08-16 05:57 PM - Jürgen Fischer

- Resolution set to workforme
- Status changed from Open to Closed

Casper Bertelsen wrote:

| Is this the intended behaviour using Postgres with QGIS?

Yes. Actually we are using prepared inserts (see [source:src/providers/postgres/qgspostgresprovider.cpp#L1993](#))

#2 - 2018-08-16 06:36 PM - Casper Bertelsen

Jürgen Fischer wrote:

Casper Bertelsen wrote:

Is this the intended behaviour using Postgres with QGIS?

Yes. Actually we are using prepared inserts (see [source:src/providers/postgres/qgspostgresprovider.cpp#L1993](#))

Unfortunate.