

QGIS Application - Bug report #21745

PostgreSQL identity column not recognized properly

2019-04-03 12:41 PM - Michal Zimmermann

Status: Closed	
Priority: Normal	
Assignee:	
Category: Data Provider/PostGIS	
Affected QGIS version: 3.6.1	Regression?: No
Operating System:	Easy fix?: No
Pull Request or Patch supplied:	Resolution:
Crashes QGIS or corrupts data:	Copied to github as #: 29560

Description

Having the following table definition:

```
CREATE TABLE test (id integer generated always as identity primary key, geom geometry(point, 4326));
```

features cannot be added to QGIS, because the Feature Attributes dialogue requires id column to be not null. However, when any value is filled, the saving fails with the following error:

Could not commit changes to layer test

Errors: ERROR: 1 feature(s) not added.

Provider errors:

PostGIS error while adding features: ERROR: cannot insert into column "id"
DETAIL: Column "id" is an identity column defined as GENERATED ALWAYS.
HINT: Use OVERRIDING SYSTEM VALUE to override.

According to <https://blog.2ndquadrant.com/postgresql-10-identity-columns/>, the syntax of identity columns in PostgreSQL conforms to the SQL standard and it's been around for a while.

Associated revisions

Revision 59dd8510 - 2019-04-07 04:55 AM - Jürgen Fischer

[FEATURE] postgres provider: add support for generated identity columns (implements #21745)

History

#1 - 2019-04-07 04:55 AM - Jürgen Fischer

- % Done changed from 0 to 100
- Status changed from Open to Closed

Applied in changeset commit:qgis|59dd85103ddbfc640662c9ed220235d94cb7c7c2.

#2 - 2019-05-15 10:58 AM - Michal Zimmermann

Jürgen Fischer wrote:

| *Applied in changeset commit:qgis/59dd85103ddbfc640662c9ed220235d94cb7c7c2.*

How do I tell which QGIS version will include this fix?

#3 - 2019-05-15 11:58 AM - Jürgen Fischer

Michal Zimmermann wrote:

| *Jürgen Fischer wrote:*

| | *Applied in changeset commit:qgis/59dd85103ddbfc640662c9ed220235d94cb7c7c2.*

| | *How do I tell which QGIS version will include this fix?*

It's in master and will be in 3.8.