

# QGIS Application - Bug report #21993

## ST\_Buffer does not work with postgis layer

2019-05-03 04:05 PM - Sebastian Brocks

<b>Status:</b> Closed	
<b>Priority:</b> Normal	
<b>Assignee:</b>	
<b>Category:</b> Data Provider/PostGIS	
<b>Affected QGIS version:</b> 3.6.2	<b>Regression?:</b> No
<b>Operating System:</b> windows 7	<b>Easy fix?:</b> No
<b>Pull Request or Patch supplied:</b> No	<b>Resolution:</b> invalid
<b>Crashes QGIS or corrupts data:</b> No	<b>Copied to github as #:</b> 29808

### Description

I have a postgis table with a geometry column containing a linestring of SRID 3035. I can't get a buffer created using ST\_Buffer to work. When I use this SQL statement:

```
SELECT ST_Buffer(geom, 20), id from erhaltung.abschnitt and set the unique-values column and geography column accordingly, I receive the warning message
```

```
Feature type or srid for st_buffer of (SELECT ST_Buffer(geometrie, 20), id from erhaltung.abschnitt ) AS "subQuery_0" could not be determined or was not requested.
```

and the attribute table for the layer is empty.

When I use

```
SELECT ST_AsEWKT(ST_Buffer(geometrie, 20)), id from erhaltung.abschnitt
```

the preview of the data in the update sql layer dialog looks correct for the geometry:

```
st_asewkt id  
SRID=3035;POLYGON) 26
```

and the features show up in the attribute table, but the features show up in a completely wrong place (some place in Saudi Arabia instead of Germany).

### History

#### #1 - 2019-05-03 04:12 PM - Giovanni Manghi

- Status changed from Open to Feedback

can you attach a dump of your table?

#### #2 - 2019-05-03 04:17 PM - Sebastian Brocks

- File abschnitt.sql added

- Status changed from Feedback to Open

Here's a dump of the table.

**#3 - 2019-05-03 04:41 PM - Giovanni Manghi**

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

Sebastian Brocks wrote:

| Here's a dump of the table.

the correct query for your data is

```
SELECT ST_Buffer(geometrie, 20), id from erhaltung.abschnitt
```

**#4 - 2019-05-03 04:47 PM - Sebastian Brocks**

- Status changed from Closed to Reopened

I tried that, and it didn't work. As I said earlier, with that query, the attribute table is empty and I get this warning in the General Log:

Feature type or srid for st\_buffer of (SELECT ST\_Buffer(geometrie, 20), id from erhaltung.abschnitt ) AS "subQuery\_0" could not be determined or was not requested.

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

- Status changed from Reopened to Feedback

Sebastian Brocks wrote:

| I tried that, and it didn't work. As I said earlier, with that query, the attribute table is empty and I get this warning in the General Log:  
| Feature type or srid for st\_buffer of (SELECT ST\_Buffer(geometrie, 20), id from erhaltung.abschnitt ) AS "subQuery\_0" could not be  
| determined or was not requested.

it works perfectly fine here, with your data.

**#6 - 2019-05-03 05:12 PM - Sebastian Brocks**

Ok, it seems the problem was that because I buffered a linear layer, I had to manually change the type of the layer from Line and LineString to Polygon. After doing that by editing the project file, I got it to work. Is there any way to do that automatically?

**#7 - 2019-05-03 05:22 PM - Giovanni Manghi**

Sebastian Brocks wrote:

| Ok, it seems the problem was that because I buffered a linear layer, I had to manually change the type of the layer from Line and LineString to  
| Polygon. After doing that by editing the project file, I got it to work. Is there any way to do that automatically?

I don't follow, I didn't had to do that to load the results of the above query in the project, I just run the query in DB Manager and loaded the results as query

layer.

**#8 - 2019-05-06 10:40 AM - Sebastian Brocks**

Ah, I hadn't found the option to run a query directly without first adding a layer. Thanks for the info!

**#9 - 2019-05-07 09:38 AM - Giovanni Manghi**

Sebastian Brocks wrote:

| *Ah, I hadn't found the option to run a query directly without first adding a layer. Thanks for the info!*

so can we close this?

**#10 - 2019-05-07 10:08 AM - Sebastian Brocks**

Yes.

**#11 - 2019-05-07 07:53 PM - Giovanni Manghi**

- *Status changed from Feedback to Closed*

**Files**

---

abschnitt.sql	31.6 KB	2019-05-03	Sebastian Brocks
---------------	---------	------------	------------------