

## QGIS Application - Feature request #17302

### Partitioned Table using PostgreSQL 10 native partitioning won't load

2017-10-18 10:43 AM - Andreas Wicht

<b>Status:</b> Closed	
<b>Priority:</b> Normal	
<b>Assignee:</b> Jürgen Fischer	
<b>Category:</b> Data Provider/PostGIS	
<b>Pull Request or Patch supplied:</b> No	<b>Resolution:</b>
<b>Easy fix?:</b> No	<b>Copied to github as #:</b> 25200
<b>Description</b>	
<p>Given a partitioned table using the newly implemented native partitioning in PostgreSQL 10 the parent table will not load and will throw following error:</p>	
<p>CRITICAL Layer is not valid : The layer dbname='XXX' host=XXX port=5432 user='XXX' password='XXX' sslmode=disable srid=4326 type=Polygon table="tab_part_10"."parent" (geom) sql= is not a valid layer and can not be added to the map</p>	
<p>Child tables load without problems.</p>	
<p>Following statements can be used to reproduce the problem.</p>	
<pre>create schema tab_part_10;</pre>	
<pre>create table tab_part_10.parent (   gid serial,   part_key varchar(20) not null,   geom geometry(polygon, 4326) not null ) partition by list (part_key);</pre>	
<pre>create table tab_part_10.child_1 partition of tab_part_10.parent for values in ('AA'); create table tab_part_10.child_2 partition of tab_part_10.parent for values in ('BB'); create table tab_part_10.child_3 partition of tab_part_10.parent for values in ('CC');</pre>	
<pre>insert into tab_part_10.child_1 (part_key, geom) values ('AA', st_geomfromtext('SRID=4326;POLYGON((1.4 55.5,1.4 54.6,2.2 54.5,2.2 55.5,1.4 55.5)))); insert into tab_part_10.child_2 (part_key, geom) values ('BB', st_geomfromtext('SRID=4326;POLYGON((2.7 55.5,2.7 54.3,3.4 54.6,3.3 55.4,2.7 55.5)))); insert into tab_part_10.child_3 (part_key, geom) values ('CC', st_geomfromtext('SRID=4326;POLYGON((1.9 54.3,2 53.5,3.1 53.3,2.6 54.1,1.9 54.3))));</pre>	
<p>This problem appears both in master and 2.18.13!</p>	

#### Associated revisions

Revision f243b844 - 2017-10-21 05:39 PM - Jürgen Fischer

postgres: add support for partitioned tables (implements #17302)

#### History

**#1 - 2017-10-18 11:14 AM - Jürgen Fischer**

- *Tracker changed from Bug report to Feature request*

**#2 - 2017-10-21 05:39 PM - Jürgen Fischer**

- *% Done changed from 0 to 100*

- *Status changed from Open to Closed*

Applied in changeset commit:qgis|f243b8448e16f9516e60d684156ec80534521d5a.