

QGIS Application - Feature request #17302

Partitioned Table using PostgreSQL 10 native partitioning won't load

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

Status:	Closed	Resolution: Copied to github as #: 25200
Priority:	Normal	
Assignee:	Jürgen Fischer	
Category:	Data Provider/PostGIS	
Pull Request or Patch supplied:	No	
Easy fix?:	No	
Description		
Given a partitioned table using the newly implemented native partitioning in PostgreSQL 10 the parent table will not load and will throw following error: 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 Child tables load without problems. Following statements can be used to reproduce the problem. <pre>create schema tab_part_10; 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); 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'); 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> This problem appears both in master and 2.18.13!		

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.