

QGIS Application - Bug report #19210  
'overwrite' flag in qgspostgresprovider createEmptyLayer ignored

2018-06-16 10:39 PM - Robert Collins

<b>Status:</b>	Open	
<b>Priority:</b>	Normal	
<b>Assignee:</b>		
<b>Category:</b>	Data Provider/PostGIS	
<b>Affected QGIS version:</b>	3.0.3	<b>Regression?:</b> No
<b>Operating System:</b>		<b>Easy fix?:</b> No
<b>Pull Request or Patch supplied:</b>	No	<b>Resolution:</b>
<b>Crashes QGIS or corrupts data:</b>	No	<b>Copied to github as #:</b> 27039
<b>Description</b>		
<p>When importing a layer that needed some schema tweaks (specifically to change the geom to a plain 'geometry' to avoid Polygon vs MultiPolygon errors... I wanted to turn off layer overwriting.</p> <p>The ImportIntoPostGIS processing tool passes the overwrite option to qgsvectorlayerexporter which passes it to QgsPostgresProvider::createEmptyLayer</p> <p>but as you can see here <a href="https://github.com/qgis/QGIS/blob/0a325f1eda4054418e8d31bfc1d33d87cbdc2c0f/src/providers/postgres/qgspostgresprovider.cpp#L878">https://github.com/qgis/QGIS/blob/0a325f1eda4054418e8d31bfc1d33d87cbdc2c0f/src/providers/postgres/qgspostgresprovider.cpp#L878</a> and then <a href="https://github.com/qgis/QGIS/blob/0a325f1eda4054418e8d31bfc1d33d87cbdc2c0f/src/providers/postgres/qgspostgresprovider.cpp#L893">https://github.com/qgis/QGIS/blob/0a325f1eda4054418e8d31bfc1d33d87cbdc2c0f/src/providers/postgres/qgspostgresprovider.cpp#L893</a> the PostGIS driver only uses the overwrite flag to skip dropping the existing table (good), but not to avoid creating a new table (bad) - and this naturally fails.</p> <p>This seems to be the case even very far back in history, so perhaps this should be considered a feature request rather than a bug?</p>		