

## QGIS Application - Feature request #9516

### Allow to specify a bounding box column in addition to the geometry column

2014-02-08 04:37 PM - Sandro Santilli

<b>Status:</b>	Open	<b>Resolution:</b> <b>Copied to github as #:</b> 18107
<b>Priority:</b>	Normal	
<b>Assignee:</b>		
<b>Category:</b>	Data Provider/PostGIS	
<b>Pull Request or Patch supplied:</b>	No	
<b>Easy fix?:</b>	No	
<b>Description</b>		
<p>Some sql queries build the geometry column on-the-fly, but can still return a bounding box from a real table. The most notable example is a query constructing a topology face geometry or centroid as used by the TopoViewer in db_manager.</p> <p>Such queries cannot use an index unless you put the indexed bounding box column as one of the &amp;&amp; inputs.</p> <p>Imagine another case: you want to show a buffer of points in a table. Also in this case there's no index on the buffer, but there is one (possibly) on the points...</p> <p>In both cases if you could specify the name of a column to use for spatial filtering, rather than using the single "geometry column", operations could be much faster.</p> <p>Given you cannot edit queries there's no problem with that part...</p> <p>Not sure if this is only related to the postgis data provider. Sounds like something that could need to be put in the QgsDataSourceUri class</p> <p>\cc @jef</p>		

#### History

#1 - 2017-05-01 12:47 AM - Giovanni Manghi

- Easy fix? set to No