

## QGIS Application - Bug report #14562

### wkbType() does not contain all possibilities

2016-03-24 05:02 AM - Mehmet Selim BILGIN

<b>Status:</b>	Closed	
<b>Priority:</b>	Normal	
<b>Assignee:</b>		
<b>Category:</b>	Python plugins	
<b>Affected QGIS version:</b>	2.14.0	<b>Regression?:</b> No
<b>Operating System:</b>		<b>Easy fix?:</b> No
<b>Pull Request or Patch supplied:</b>	No	<b>Resolution:</b> fixed/implemented
<b>Crashes QGIS or corrupts data:</b>	No	<b>Copied to github as #:</b> 22535
<b>Description</b>		
<p>A <b>QgsVectorLayer</b> object has <b>wkbType()</b> function that return geometry wkb type of layer. But this enum (<a href="http://qgis.org/api/classQGis.html#a8da456870e1caec209d8ba7502ccef7">http://qgis.org/api/classQGis.html#a8da456870e1caec209d8ba7502ccef7</a>) does not contain all geometry types... For example I clicked add vector button than selected a KML file that contains multiple layer. QGIS showed me the dialog for selecting vector layers. It showed me layer names, feature counts and geometry types. One of the layer geometry type was <b>LineString25D</b>. I choosed it and added to canvas. Than I opened Python console in QGIS and checked the layers wkb type with this code:</p> <pre>iface.activeLayer().wkbType()</pre> <p>it must return <b>9</b>. Because of enum (wkbType) declared in here <a href="http://qgis.org/api/classQGis.html#a8da456870e1caec209d8ba7502ccef7">http://qgis.org/api/classQGis.html#a8da456870e1caec209d8ba7502ccef7</a> but it returned me <b>-2147483646</b></p>		

#### History

#1 - 2016-03-28 02:51 PM - Nyal Dawson

Cannot be fixed until the 3.0 API break. See [https://github.com/qgis/qgis3.0\\_api/issues/2](https://github.com/qgis/qgis3.0_api/issues/2)

#2 - 2016-04-09 09:06 AM - Giovanni Manghi

- Target version set to Version 3.0
- Category set to Python plugins

#3 - 2017-04-27 07:04 AM - Alexander Bruy

- Resolution set to fixed/implemented
- Operating System deleted (Win7 64 bit)
- Status changed from Open to Closed

Fixed in master

#### Files

wkbType.png	8.74 KB	2016-03-24	Mehmet Selim BILGIN
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