

## QGIS Application - Bug report #9773

### Issue with Memory Provider example code in PyQGIS Cookbook

2014-03-12 11:47 PM - Evan Curhan

<b>Status:</b>	Rejected	
<b>Priority:</b>	Low	
<b>Assignee:</b>		
<b>Category:</b>	Documentation and Help	
<b>Affected QGIS version:</b>	2.2.0	<b>Regression?:</b> No
<b>Operating System:</b>		<b>Easy fix?:</b> No
<b>Pull Request or Patch supplied:</b>	No	<b>Resolution:</b> invalid
<b>Crashes QGIS or corrupts data:</b>	No	<b>Copied to github as #:</b> 18315
<b>Description</b>		
<p>The example code given in the PyQGIS cookbook re: Memory Provider is not entirely functional in newer versions of QGIS (2.0 and above). This section of the code in particular was causing bugs:</p> <pre># add fields pr.addAttributes( [ QgsField("name", QVariant.String),                     QgsField("age", QVariant.Int),                     QgsField("size", QVariant.Double) ] )</pre> <p>I was getting error messages that QGIS was not able to recognize values of type string for fields that I specified as string (i.e. if I were to get an error message from the above that "name," a string, was an unexpected type). I instead had to use the really ugly syntax of writing out all the fields in a URI string, the other option provided above this example in the cookbook:</p> <pre>"Point?crs=epsg:4326&amp;field=id:integer&amp;field=name:string(20)&amp;index=yes"</pre> <p>Additionally, the cookbook did not state anywhere the need for the following import</p> <pre>from PyQt4.QtCore import * from PyQt4.QtGui import *</pre> <p>statements to use these functions. This might help in the future for beginners like me.</p> <p>Thanks!</p>		

#### History

**#1 - 2015-03-05 05:40 AM - Alexander Bruy**

- Resolution set to invalid

- Status changed from Open to Rejected

This code snippet, not complete example and this is users responsibility to import necessary modules