QGIS Application - Bug report #9773
Issue with Memory Provider example code in PyQGIS Cookbook

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

Status:	Rejected		
Priority:	Low		
Assignee:			
Category:	Documentation and Help		
Affected QGIS version:	2.2.0	**Regression?:**	No
Operating System:		**Easy fix?:**	No
Pull Request or Patch supplied:	No	**Resolution:**	invalid
Crashes QGIS or corrupts data:	No	**Copied to github as #:**	18315

Description

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:

```
# add fields
pr.addAttributes( [ QgsField("name", QVariant.String),
        QgsField("age",  QVariant.Int),
        QgsField("size", QVariant.Double) ] )
```

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:
"Point?crs=epsg:4326&field=id:integer&field=name:string(20)&index=yes"

Additionally, the cookbook did not state anywhere the need for the following import
from PyQt4.QtCore import *
from PyQt4.QtGui import *
 statements to use these functions. This might help in the future for beginners like me.

Thanks!

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