

QGIS Application - Bug report #15723

Labels not showing when adding them using Python

2016-10-19 04:28 AM - Casper Børgesen

Status:	Closed	
Priority:	Normal	
Assignee:		
Category:	PyQGIS Console	
Affected QGIS version:	master_2	Regression?: No
Operating System:		Easy fix?: No
Pull Request or Patch supplied:	No	Resolution: end of life
Crashes QGIS or corrupts data:	No	Copied to github as #: 23645

Description

I have a simple vector polygon layer with one feature. Using python I create a simple label displaying the area of the feature.

Expected result:

A square with a label saying "1".

Actual result:

A square without a label.

Try:

Right click the layer and select properties. Click the apply button and the label is now being shown. Since no changes were made in the properties window, I would expect the label not to be shown if this was not a bug. But since the label was shown by pressing the apply button without any changes made to the properties, it seems to me that it is a bug.

Question:

Why is the label not shown using the below code?

Affects:

I have tested the code using QGIS 2.14.7, 2.16.1, master_2 (7396370) on Windows 7 x64, and a recent master_2 on Ubuntu x64.

```
from qgis.core import *
layer = QgsVectorLayer('Polygon', 'my layer', 'memory')
QgsMapLayerRegistry.instance().addMapLayer(layer, True)
geom = QgsGeometry.fromWkt('POLYGON((0 0, 0 1, 1 1, 1 0, 0 0))')
feature = QgsFeature()
feature.setGeometry(geom)
layer.startEditing()
layer.addFeature(feature)
layer.commitChanges()

label = QgsPalLayerSettings()
label.readFromLayer(layer)
label.enabled = True
label.fieldName = 'round($area,0)'
label.drawLabels = True
label.writeToLayer(layer)
```

History

#1 - 2016-10-26 12:14 AM - Casper Børgesen

Can I ask someone to change the Category from "PyQGIS Console" to "Python plugins and bindings" since I think that label is more exact?

I don't seem to have the necessary rights to change my own issues.

#2 - 2017-05-01 01:02 AM - Giovanni Manghi

- *Easy fix? set to No*
- *Regression? set to No*

#3 - 2019-03-09 03:51 PM - Giovanni Manghi

- *Resolution set to end of life*
- *Status changed from Open to Closed*

End of life notice: QGIS 2.18 LTR

Source:

<http://blog.qgis.org/2019/03/09/end-of-life-notice-qgis-2-18-ltr/>