

QGIS Application - Bug report #10945

python API QgsComposerLegend regression 2.2 -> 2.4

2014-07-24 06:55 AM - Pierre PM

Status:	Closed	
Priority:	Severe/Regression	
Assignee:		
Category:	Python plugins	
Affected QGIS version:	2.4.0	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 #: 19298
Description		
The following code works in QGIS 2.2 : <pre>mapRenderer= self.iface.mapCanvas().mapRenderer() c= QgsComposition(mapRenderer) legend= QgsComposerLegend(c) legend.setTitle(u"TITLE") legend.model().setLayerSet(mapRenderer.layerSet()) legend.setItemPosition(20, 195, 10, 10) c.addItem(legend)</pre> In QGIS 2.4, I can see on the rendered map the classification names but not the rectangles of styles, it's just blank. Thanks, Pierre		

History

#1 - 2014-07-24 08:49 AM - Giovanni Manghi

- Priority changed from Normal to Severe/Regression
- Category set to Python plugins

#2 - 2014-07-28 05:03 PM - Nyall Dawson

- Status changed from Open to Feedback

Works OK for me... can you test with:

```
mapSettings = iface.mapCanvas().mapSettings()
c= QgsComposition(mapSettings)
```

instead?

Otherwise, are you able to post a complete code sample which demonstrates this issue. For reference, here's the code I used to test with:

```
from PyQt4.QtGui import *
from PyQt4.QtCore import *
```

```
mapRenderer = iface.mapCanvas().mapRenderer()
c=QgsComposition(mapRenderer)
```

```
legend=QgsComposerLegend(c)
legend.setTitle(u"TITLE")
legend.model().setLayerSet(mapRenderer.layerSet())
legend.setItemPosition( 0, 10, 100, 100 )
c.addItem(legend)

printer = QPainter()
printer.setOutputFormat(QPrinter.PdfFormat)
printer.setOutputFileName("d:\\out.pdf")
printer.setPaperSize(QSizeF(c.paperWidth(), c.paperHeight()), QPrinter.Millimeter)
printer.setFullPage(True)
printer.setColorMode(QPrinter.Color)
printer.setResolution(c.printResolution())
pdfPainter = QPainter(printer)
paperRectMM = printer.pageRect(QPrinter.Millimeter)
paperRectPixel = printer.pageRect(QPrinter.DevicePixel)

c.render(pdfPainter, paperRectPixel, paperRectMM)
pdfPainter.end()
```

#3 - 2014-07-29 01:05 AM - Pierre PM

OK, I guess that in QGIS 2.2, the 2 last arguments of legend.setItemPosition() didn't matter, but in 2.4 if they are too small you won't see the colored rectangles but you will see the text of the legend (using your code and just replacing 0, 10, 100, 100 with 0, 10, 10, 10).

It's OK, I just need to put some large numbers for these 2 last arguments; this behavior is strange though.

#4 - 2014-07-29 02:16 AM - Nyall Dawson

- Resolution set to invalid

- Status changed from Feedback to Closed