QGIS Application - Bug report #8154
Problems with Atlas and Map dimensions on composer using Python

2013-06-24 11:31 PM - James Stott

Status:	Closed			
Priority:	Normal			
Assignee:				
Category:	Map Composer/Printing			
Affected QGIS version:	master	**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 #:**	16981	

Description

Hi all,

Is anyone else having problems with using atlas with python?

I am writing some python code that uses the Atlas functionality in master to create a PDF / jpg for each of my 5000 records.

I can produce a jpg/pdf for each feature, however the composerMap object does not stay the same size.

I found this bug report which describes the issue. This report is listed as fixed:

#6956

I have also been made aware of this post about the issue too:

http://www.mail-archive.com/qgis-developer@lists.osgeo.org/msg15587.html

I have set the following two lines in my code:

myAtlas.setFixedScale(False)
myAtlas.setMargin(0.1)

If I set this up from within QGIS, it works perfectly. It is only through Python I have problems.

Here are the example exported jpgs:

Generated inside QGIS GUI - from_qgis.zip

Generated from python - from_python.zip

I have also included a stripped down version of my code, along with a sample shapefile (this isn't the data I am planning to use it with, but it doesn't work with either the sample or the real data - the real data is in PostGIS).

Using master, updated today from OsGeo4W.

History

#1 - 2013-06-27 06:38 AM - James Stott

I have resorted to using the getNewExtent() method in the atlasdialog.py file from the original atlas plugin. This does what I want.

James

#2 - 2013-07-12 10:43 AM - Paolo Cavallini

- Category set to 33

#3 - 2014-02-07 05:27 AM - Giovanni Manghi

- Priority changed from High to Normal

- Target version set to Version 2.2

- Status changed from Open to Feedback

- Category changed from 33 to Map Composer/Printing

There is no crash or data corruption, so I'm lowering the priority.

It is still true in the latest master?

#4 - 2014-06-28 07:36 AM - Jürgen Fischer

- Target version changed from Version 2.2 to Future Release - Lower Priority

#5 - 2014-09-24 11:30 PM - Nyall Dawson

- Status changed from Feedback to Closed

- Resolution set to invalid

Closing due to lack of feedback

Files

from_qgis.zip	336 KB	2013-06-24	James Stott
from_python.zip	209 KB	2013-06-24	James Stott
code_and_shapefile.zip	6.03 KB	2013-06-24	James Stott