

QGIS Application - Bug report #13830

Invalid scripts from models with advancedpythonfieldcalculator

2015-11-15 02:32 AM - Anita Graser

Status:	Closed	
Priority:	Normal	
Assignee:	Victor Olaya	
Category:	Processing/Modeller	
Affected QGIS version:	master	Regression?: No
Operating System:		Easy fix?: No
Pull Request or Patch supplied:		Resolution:
Crashes QGIS or corrupts data:		Copied to github as #: 21854

Description

I've been testing the export model to script functionality. One models contains an Advanced Python Field Calculator.

The linebreaks in the Advanced Python Field Calculator python code cause the algorithm to fail.

```
2015-11-15T11:26:20 2 Uncaught error while executing algorithm
Traceback (most recent call last):
  File "C:/OSGEO4~1/apps/qgis-dev/.python/plugins\processing\core\GeoAlgorithm.py", line 230, in execute
    self.processAlgorithm(progress)
  File "C:/OSGEO4~1/apps/qgis-dev/.python/plugins\processing\script\ScriptAlgorithm.py", line 298, in processAlgorithm
    exec((script), ns)
  File "<string>", line 8
    outputs_QGISADVANCEDPYTHONFIELDCALCULATOR_1=processing.runalg('qgis:advancedpythonfieldcalculator',
outputs_GRASSV.SPLIT.VERT_1['output'],'azimuth',0,3.0,0.0,None,'p1 = $geom.asPolyline()[0]

SyntaxError: EOL while scanning string literal
```

Here's the script that is generated:

```
##Tanaka Contours=name
##RASTERLAYER_DEM=raster
##NUMBER_ELEVATIONINTERVALS=number 10
##tanakacontours=output vector
outputs_GDALOGRCONTOUR_1=processing.runalg('gdalogr:contour',
RASTERLAYER_DEM,NUMBER_ELEVATIONINTERVALS,'ELEV',None,None)
outputs_GRASSV.SPLIT.VERT_1=processing.runalg('grass:v.split.vert',
outputs_GDALOGRCONTOUR_1['OUTPUT_VECTOR'],2.0,None,-1.0,0.0001,0,None)
outputs_QGISADVANCEDPYTHONFIELDCALCULATOR_1=processing.runalg('qgis:advancedpythonfieldcalculator',
outputs_GRASSV.SPLIT.VERT_1['output'],'azimuth',0,3.0,0.0,None,'p1 = $geom.asPolyline()[0]
p2 = $geom.asPolyline()[-1]
a = p1.azimuth(p2)
if a < 0:
    a += 360
value = a',tanakacontours)
```

Associated revisions

Revision 95b92c79 - 2015-12-15 02:57 PM - Victor Olaya

[processing] correctly export multiline strings as python parameters from modeler

fixes #13830

History

#1 - 2015-12-15 05:57 AM - Victor Olaya

- *Status changed from Open to Closed*

Fixed in changeset commit:"95b92c79608afda0709dcdf8e89ee40b81a51ec7".