

QGIS Application - Bug report #15713

processing: grass7 algorithms broken, (falsely) claims grass7 not installed

2016-10-17 03:21 AM - Mathieu Pellerin - nIRV

Status:	Closed	
Priority:	High	
Assignee:	Victor Olaya	
Category:	Processing/Core	
Affected QGIS version:	master	Regression?: No
Operating System:		Easy fix?: No
Pull Request or Patch supplied:		Resolution: fixed/implemented
Crashes QGIS or corrupts data:		Copied to github as #: 23636

Description

For ~1 week now, I can't execute any grass7 algorithm within processing. When I try to do so, I can an error message telling me Grass7 is not installed, which is incorrect,

Looking into the code a bit, I realized the "grass7 not installed" message is triggered whenever a test runalg() fails (in Grass7Utils.py). The test is as follow:

```
runalg(  
    'grass7:v.voronoi',  
    points(),  
    False,  
    False,  
    '270778.60198,270855.745301,4458921.97814,4458983.8488',  
    -1,  
    0.0001,  
    0,  
    None,  
)
```

Running this test manually, the failure here is not due to missing Grass7, but to the number of arguments provided != (alg.getVisibleParametersCount() + alg.getVisibleOutputsCount())

This is what I get if I the runalg() test in python console:

```
Error: Wrong number of parameters  
ALGORITHM: v.voronoi - Creates a Voronoi diagram from an input vector layer containing points.  
input <ParameterVector>  
-l <ParameterBoolean>  
-t <ParameterBoolean>  
GRASS_REGION_PARAMETER <ParameterExtent>  
GRASS_SNAP_TOLERANCE_PARAMETER <ParameterNumber>  
GRASS_MIN_AREA_PARAMETER <ParameterNumber>
```

Looking into value for variables at play here, I get:
- len(args) = 8
- alg.getVisibleParametersCount() = 6

- alg.getVisibleOutputsCount() = 0

So indeed, $8 \neq 6$, which throws an error that ends up being (mis-)interpreted as me not having Grass7 installed.

Victor, hopefully this time it's not a bigger-than-processing issue ;)

History

#1 - 2016-10-17 05:47 AM - Victor Olaya

commit:25d0351 should fix it

Please confirm and close the ticket

Thanks for the report!

#2 - 2016-10-20 03:59 AM - Alexander Bruy

- Status changed from *Open* to *Feedback*

#3 - 2016-10-20 05:06 AM - Mathieu Pellerin - nIRV

- Resolution set to *fixed/implemented*

- % Done changed from 0 to 100

- Status changed from *Feedback* to *Closed*

All good now. Thanks again Victor.