

QGIS Application - Bug report #16370

regression: processing's checkGrass7IsInstalled's v.voronoi algorithm check broken

2017-03-21 09:18 PM - Mathieu Pellerin - nIRV

Status:	Closed	
Priority:	High	
Assignee:	Victor Olaya	
Category:	Processing/Core	
Affected QGIS version:	master	Regression?: No
Operating System:	Ubuntu 16.04 LTS	Easy fix?: No
Pull Request or Patch supplied:		Resolution:
Crashes QGIS or corrupts data:		Copied to github as #: 24280
Description		
<p>On my master build, processing's GRASS7 algorithms are broken as the checkGrass7IsInstalled() function fails due to an error while executing v.voronoi's algorithm.</p> <p>v.voronoi's algorithm itself runs OK, but its vector output path is wrong, which triggers a checkGrass7IsInstalled() conditional failure on line 376:</p> <pre>if not os.path.exists(cmdpath)</pre> <p>On my machine, running <code>result = runalg('v.voronoi',...)</code> via python console results in the follow directory structure:</p> <pre>processing2aae94e381c0447b831b20b2b2c25480 - 11dda694d55d4b528baa2ce3ee4e722d (empty) - 3301d2a3be3c42428f204740714cce3c (contains the output shapefile) - grassdata (empty)</pre> <p>However, the result object's output value refers to the empty directory as the one with OUTPUT.SHP.</p> <p>I'm on Ubuntu 17.04 with GRASS 7.2.0 distro packages.</p>		

Associated revisions

Revision 40f86b20 - 2017-03-24 02:35 AM - Mathieu Pellerin - nIRV

[processing] GRASS 7.2 support: use SQL compatible output names (#4298)

(fixes #16370)

History

#1 - 2017-03-22 07:40 PM - Mathieu Pellerin - nIRV

After further investigation, the problem might be a regression in GRASS 7.2 itself. The problem appears when v.in.ogr's output value (currently set to `self.getTempFilename()`) has a non-letter as its first character. For e.g., the following output value "123" will fail, while output value ="a123" will work just fine.

#2 - 2017-03-22 07:49 PM - Mathieu Pellerin - nIRV

Some more information. Tryign to do a v.in.ogr import through GRASS's own GUI throws the following error:

WARNING: Illegal vector map name <123>. Must start with a letter.

ERROR: Unable to create vector map: <123> is not SQL compliant

ERROR: Unable to import OGR datasource

</tmp/processinga2f9351a584b4a0188e08e9bf676af9a/855f01f411c44aa1aeb669060039c07e/points.shp>

#3 - 2017-03-23 06:28 PM - Mathieu Pellerin - nIRV

- *Status changed from Open to Closed*

Fixed in changeset commit:"40f86b2033e3ca3611f70467c4f04b3d05720b52".