

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:	Easy fix?: No
Pull Request or Patch supplied:	Resolution:
Crashes QGIS or corrupts data:	Copied to github as #: 24280

Description

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.

v.voronoi's algorithm itself runs OK, but its vector output path is wrong, which triggers a checkGrass7IsInstalled() conditional failure on line 376:

```
if not os.path.exists(cmdpath)
```

On my machine, running result = runalg('v.voronoi',...) via python console results in the follow directory structure:

```
processing2aae94e381c0447b831b20b2b2c25480
|- 11dda694d55d4b528baa2ce3ee4e722d (empty)
|- 3301d2a3be3c42428f204740714cce3c (contains the output shapefile)
|- grassdata (empty)
```

However, the result object's output value refers to the empty directory as the one with OUTPUT.SHP.

I'm on Ubuntu 17.04 with GRASS 7.2.0 distro packages.

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".