

## QGIS Application - Bug report #20277

### GRASS vector tools do not work anymore if the datasource has "...|layername=nameofthelayer" in it

2018-10-30 05:20 PM - Giovanni Manghi

<b>Status:</b> Closed	
<b>Priority:</b> High	
<b>Assignee:</b>	
<b>Category:</b> Processing/GRASS	
<b>Affected QGIS version:</b> 3.4.0	<b>Regression?:</b> Yes
<b>Operating System:</b>	<b>Easy fix?:</b> No
<b>Pull Request or Patch supplied:</b>	<b>Resolution:</b>
<b>Crashes QGIS or corrupts data:</b>	<b>Copied to github as #:</b> 28098
<b>Description</b>	
This includes any file based multi layer source (i.e. geopackage) as also shapefiles when added by a "export as..." operation.	
Major regression as it makes very hard to use any vector GRASS tool.	

#### Associated revisions

##### Revision f65c845f - 2018-11-01 09:36 AM - Nyal Dawson

[processing][GRASS] Correctly handle input vector layers with |layername= param

Fixes #20277

##### Revision 57a0bad9 - 2018-11-01 01:23 PM - Nyal Dawson

[processing][GRASS] Correctly handle input vector layers with |layername= param

Fixes #20277

(cherry picked from commit f65c845f86a9742602b72584b34b6ae63ed30dd7)

#### History

##### #1 - 2018-10-30 06:40 PM - Alexandre Neto

Confirmed on Windows 10 with a geopackage layer.

##### #2 - 2018-10-30 10:33 PM - Nyal Dawson

- Status changed from Open to Feedback

Is this actually a regression in the grass provider? My suspicion is that the provider never handled the layername parameter, and it's just a (bigger) issue now because we always use layername= urls for OGR layers. It could be tested by running a grass alg in 3.2.3 with multi-layer geopackage input.

##### #3 - 2018-10-31 10:26 AM - Giovanni Manghi

Nyal Dawson wrote:

| *Is this actually a regression in the grass provider?*

Hi Nyal,

if you are asking if it is working in 2.18 then the answer is yes.

**#4 - 2018-10-31 10:30 AM - Giovanni Manghi**

- *Status changed from Feedback to Open*

**#5 - 2018-10-31 01:02 PM - Pedro Venâncio**

Confirmed also here with a geopackage

Traceback (most recent call last):

File "C:/PROGRA~1/QGIS 3.4/apps/qgis/./python/plugins/processing\algs\grass7\Grass7Algorithm.py", line 411, in processAlgorithm

Grass7Utils.executeGrass(self.commands, feedback, self.outputCommands)

File "C:/PROGRA~1/QGIS 3.4/apps/qgis/./python/plugins/processing\algs\grass7\Grass7Utils.py", line 399, in executeGrass

startupinfo=si if isWindows() else None

File "C:/PROGRA~1/QGIS 3.4/apps/Python37\lib\subprocess.py", line 756, in \_\_init\_\_

restore\_signals, start\_new\_session)

File "C:/PROGRA~1/QGIS 3.4/apps/Python37\lib\subprocess.py", line 1155, in \_execute\_child

startupinfo)

OSError: [WinError 87] The parameter is incorrect

**#6 - 2018-10-31 01:44 PM - Giovanni Manghi**

Pedro Venâncio wrote:

| *Confirmed also here with a geopackage*

| *[...]*

Hi Pedro, this python error seems to be YET ANOTHER problem (see #20281)

The error about the multi layer datasources is like

ERRO:Unable to open data source </home/giovanni/Downloads/db\_curso.gpkg|layername=wb1>

**#7 - 2018-11-01 09:36 AM - Nyal Dawson**

- *% Done changed from 0 to 100*

- *Status changed from Open to Closed*

Applied in changeset commit:qgis|f65c845f86a9742602b72584b34b6ae63ed30dd7.