

QGIS Application - Bug report #19377

v.buffer processing algorithm fails when using option "Name of column to use for buffer distances".

2018-07-10 09:39 AM - Alister Hood

Status: Closed	
Priority: High	
Assignee: Alexander Bruy	
Category: Processing/GRASS	
Affected QGIS version: 3.5(master)	Regression?: Yes
Operating System:	Easy fix?: No
Pull Request or Patch Supplied:	Resolution: fixed/implemented
Crashes QGIS or corrupts data:	Copied to github as #: 27205

Description

The v.buffer processing algorithm has an option "Name of column to use for buffer distances". This option is useless, because grass requires a "layer" to be specified (e.g. "1", when the default is "-1", which means all layers), and as far as I can see the processing algorithm does not allow to specify the layer.

See output below.

```
...
C:\PROGRA~1\QGIS3~1.2\bin>v.buffer input=vector_5b44604f92e7116 type="point,line,area" angle=0 column=cat scale=1
tolerance=0.01 -t output=outputae6bb217e084496cabf18ac4d297ed04 --overwrite
```

```
ERROR: The bufcol option requires a valid layer.
```

```
C:\PROGRA~1\QGIS3~1.2\bin>v.out.ogr -c type="auto" input="outputae6bb217e084496cabf18ac4d297ed04"
output="C:\Users\alistair\AppData\Local\Temp\processing_c1fa50c12d554ca1a5f64704b76c206c\36818b4836744d33b763fed661144855c
61144855\output.shp" format="ESRI_Shapefile" --overwrite
```

```
ERROR: Vector map <outputae6bb217e084496cabf18ac4d297ed04> not found
```

```
...
```

P.S. the option isn't actually "bufcol" as printed in the error message - I guess that is an upstream copy/paste error from when the GRASS team were messing around with different versions of v.buffer.

Associated revisions

Revision bfb60e4d - 2019-01-24 08:01 PM - Alexander Bruy

[processing] fix GRASS v.buffer algorithm for case when buffer distance is taken from the field (fix #19377)

Revision a90fb87c - 2019-01-25 11:49 AM - Alexander Bruy

Merge pull request #8973 from alexbruy/grass-buffer

[processing] fix GRASS v.buffer algorithm for variable buffer case (fix #19377)

Revision 33319595 - 2019-01-25 01:34 PM - Alexander Bruy

[processing] fix GRASS v.buffer algorithm for case when buffer distance is taken from the field (fix #19377)

(cherry picked from commit bfb60e4dc70310eae0e3b2ef9200c3b78164c6f4)

History

#1 - 2018-12-05 04:45 AM - Alister Hood

- *Regression?* changed from *No* to *Yes*
- *Priority* changed from *Normal* to *High*

Actually, this is a regression, because 2.18.x has a working v.buffer.column algorithm. Still a problem in 3.4.2

#2 - 2018-12-06 10:44 AM - Giovanni Manghi

- *Assignee* set to *Giovanni Manghi*
- *Affected QGIS version* changed from *3.2* to *3.5(master)*

#3 - 2019-01-24 08:06 PM - Alexander Bruy

- *Status* changed from *Open* to *In Progress*
- *Pull Request or Patch supplied* changed from *No* to *Yes*
- *Assignee* changed from *Giovanni Manghi* to *Alexander Bruy*

PR <https://github.com/qgis/QGIS/pull/8973>

#4 - 2019-01-25 11:48 AM - Alexander Bruy

- *Status* changed from *In Progress* to *Closed*
- *% Done* changed from *0* to *100*

Applied in changeset commit:qgis|bfb60e4dc70310eae0e3b2ef9200c3b78164c6f4.

#5 - 2019-01-25 12:02 PM - Alexander Bruy

- *Resolution* set to *fixed/implemented*