

QGIS Application - Bug report #20490

IDW interpolation on csv point layer not working

2018-11-14 02:14 PM - Gerald Richter

Status:	Closed	
Priority:	Normal	
Assignee:	Alexander Bruy	
Category:	Processing/QGIS	
Affected QGIS version:	3.4.1	Regression?: No
Operating System:	Ubuntu 16.04	Easy fix?: No
Pull Request or Patch applied:	Yes	Resolution: fixed/implemented
Crashes QGIS or corrupts data:	No	Copied to github as #: 28310

Description

Funny thing is: **only affects CSV**

Tested *reproducing the problem* after saving the CSV layer as SHP, but IDW interpolation works in that case.

execution log:

```
Processing algorithm...
Algorithm 'IDW interpolation' starting...
Input parameters:
{ 'COLUMNS' : 300, 'DISTANCE_COEFFICIENT' : 2, 'EXTENT' :
'9.542884826660156,10.186458587646484,46.965576171875,47.59194564819336 [EPSG:4326]', 'INTERPOLATION_DATA' :
'file:///<my_project_path>/agg_affected_pers_routes.csv?type=csv&delimiter=;&detectTypes=yes&xField=lon&yField=lat&crs=EPSG:4326&spatialIndex=yes&subsetIndex=yes&watchFile=yes::~:0::~6::~0', 'OUTPUT' :
'/tmp/processing_b6f09f2abeaf4b11a95d8689ad19c8a5/4612b00cb2de419795cc13b4fed27182/OUTPUT.tif', 'ROWS' : 300 }
```

Traceback (most recent call last):
File "/usr/share/qgis/python/plugins/processing/algs/qgis/IdwInterpolation.py", line 156, in processAlgorithm
data.valueSource = int(v[1])
IndexError: list index out of range

Execution failed after 0.02 seconds

Loading resulting layers
Algorithm 'IDW interpolation' finished

Associated revisions

Revision 17fd86e7 - 2019-01-22 09:15 AM - Alexander Bruy

[processing] use complex delimiter for interpolation data to avoid overlaps with charactes which can be used in the layers source URI (fix #20490)

Revision 3a981746 - 2019-01-22 01:03 PM - Alexander Bruy

Merge pull request #8942 from alexbruy/processing-interpolation

[processing] use complex delimiter for interpolation data (fix #20490)

Revision 255d5104 - 2019-01-22 01:07 PM - Alexander Bruy

[processing] use complex delimiter for interpolation data to avoid overlaps with charactes which can be used in the layers source URI (fix #20490)

(cherry picked from commit 17fd86e7236fe0776a4a4b263cbd47e62c2b7a0f)

Revision 3da3103e - 2019-01-22 05:41 PM - Alexander Bruy

Merge pull request #8947 from alexbruy/interpolation-backport

[processing] use complex delimiter for interpolation data (fix #20490)

History

#1 - 2018-11-14 02:30 PM - Anita Graser

- *Description updated*

#2 - 2019-01-22 09:10 AM - Alexander Bruy

- *Operating System deleted (linux/ubuntu)*
- *Assignee set to Alexander Bruy*
- *Status changed from Open to In Progress*

Also affects TIN interpolation

#3 - 2019-01-22 10:47 AM - Alexander Bruy

- *Pull Request or Patch supplied changed from No to Yes*

PR <https://github.com/qgis/QGIS/pull/8942>

#4 - 2019-01-22 01:03 PM - Alexander Bruy

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

Applied in changeset commit:qgis|17fd86e7236fe0776a4a4b263cbd47e62c2b7a0f.

#5 - 2019-01-22 01:07 PM - Alexander Bruy

- *Resolution set to fixed/implemented*