

QGIS Application - Bug report #18263

Interpolation algorithms not running in Graphical Modeler in QGIS 3.0

2018-02-28 10:44 AM - Nimrod Gavish

Status:	Closed	
Priority:	High	
Assignee:	Nyall Dawson	
Category:	Processing/Modeller	
Affected QGIS version:	3.0.0	Regression?: Yes
Operating System:	Windows 10 Pro	Easy fix?: No
Pull Request or Patch supplied:	No	Resolution: fixed/implemented
Crashes QGIS or corrupts data:	No	Copied to github as #: 26154
Description		
I am not able to use several interpolation algorithms within the QGIS 3.0 graphical modeler, namely the 'Heatmap (Kernel Density)' and 'IDW interpolation'. The algorithms work fine via the GUI (selecting the tool in the Processing Toolbox and running in interface), but via the modeler this error is received for the IDW: Processing algorithm... AlgorithmDialog Input parameters:{ 'input' : 'Point?crs=EPSG:3857&field=id:long(10)&field=RoofType:string(80)&field=RoofMaterl:string(80)&field=HousingTyp:string(80)&field=HousingSta:usingSta:string(80)&field=VillageNam:string(80)&field=Date:date(10)&field=value_conn:long(10,2)&uid={3ce7936f-348e-4887-be97-949f527b61f527b617b}', 'qgis:idwinterpolation_1:IDW' : 'C:/Users/ngavish/AppData/Local/Temp/processing_5239e21723384888b94e31a6882df374/ab5c6cfa43e9401dadb7baf38f220b0c/qgis:idwinterpolation_1:IDW.tif' } Prepare algorithm: qgis:idwinterpolation_1 Running IDW interpolation [1/1] Input Parameters:{ COLUMNS: 300, DISTANCE_COEFFICIENT: 2, EXTENT: 'Point?crs=EPSG:3857&field=id:long(10)&field=RoofType:string(80)&field=RoofMaterl:string(80)&field=HousingTyp:string(80)&field=HousingSta:usingSta:string(80)&field=VillageNam:string(80)&field=Date:date(10)&field=value_conn:long(10,2)&uid={3ce7936f-348e-4887-be97-949f527b61f527b617b}', INTERPOLATION_DATA: 'Point?crs=EPSG:3857&field=id:long(10)&field=RoofType:string(80)&field=RoofMaterl:string(80)&field=HousingTyp:string(80)&field=HousingSta:usingSta:string(80)&field=VillageNam:string(80)&field=Date:date(10)&field=value_conn:long(10,2)&uid={5b349815-c131-40b8-a51d-b5e6de23ae6de23a62e},0,7,0', OUTPUT: 'C:/Users/ngavish/AppData/Local/Temp/processing_5239e21723384888b94e31a6882df374/ab5c6cfa43e9401dadb7baf38f220b0c/qgis:idwinterpolation_1:IDW.tif', ROWS: 300 } Traceback (most recent call last): File "C:/PROGRA~1/QGIS3~1.0/apps/qgis/./python/plugins\processing\algs\qgis\ldwInterpolation.py", line 155, in processAlgorithm data.valueSource = int(v¹) ValueError: invalid literal for int() with base 10: '2)&uid={5b349815-c131-40b8-a51d-b5e6de23a62e}' Error encountered while running IDW interpolation Error encountered while running IDW interpolation Execution failed after 0.15 seconds Loading resulting layers The following layers were not correctly generated. C:/Users/ngavish/AppData/Local/Temp/processing_5239e21723384888b94e31a6882df374/ab5c6cfa43e9401dadb7baf38f220b0c/qgis:idwinterpolation_1:IDW.tif You can check the 'Log Messages Panel' in QGIS main window to find more information about the execution of the algorithm.		

And for the heatmap:

Running Heatmap (Kernel Density Estimation) [1/1]

Input Parameters:{ DECAY: 0, INPUT:

'Point?crs=EPSG:3857&field=id:long(10)&field=RoofType:string(80)&field=RoofMaterl:string(80)&field=HousingTyp:string(80)&field=HousingSta:usingSta:string(80)&field=VillageNam:string(80)&field=Date:date(10)&field=value_conn:long(10,2)&uid={3ce7936f-348e-4887-be97-949f527b61f527b617b}', KERNEL: 0, OUTPUT:

'C:/Users/ngavish/AppData/Local/Temp/processing_5239e21723384888b94e31a6882df374/fe9c6dae3080487388d86bf5cbd13f96/qgisheatmapkerneldensityestimation_1:Output.tif', OUTPUT_VALUE: 0, PIXEL_SIZE: 0.1, RADIUS: 30, RADIUS_FIELD: "", WEIGHT_FIELD: "" }

Traceback (most recent call last): File "C:/PROGRA~1/QGIS3~1.0/apps/qgis/.python/plugins\processing\algs\qgis\Heatmap.py", line 213, in processAlgorithm self.tr('Could not create destination layer')) _core.QgsProcessingException: Could not create destination layer

Error encountered while running Heatmap (Kernel Density Estimation)

Error encountered while running Heatmap (Kernel Density Estimation)

Execution failed after 0.13 seconds

Loading resulting layers

The following layers were not correctly generated.

C:/Users/ngavish/AppData/Local/Temp/processing_5239e21723384888b94e31a6882df374/fe9c6dae3080487388d86bf5cbd13f96/qgis:heatmapkerneldensityestimation_1:Output.tif

You can check the 'Log Messages Panel' in QGIS main window to find more information about the execution of the algorithm.

And here is the error log:

2018-02-28T10:30:41 CRITICAL Error encountered while running Heatmap (Kernel Density Estimation)

2018-02-28T10:31:43 CRITICAL Traceback (most recent call last):

File "C:/PROGRA~1/QGIS3~1.0/apps/qgis/.python/plugins\processing\algs\qgis\Heatmap.py", line 213, in processAlgorithm
self.tr('Could not create destination layer'))
_core.QgsProcessingException: Could not create destination layer

2018-02-28T10:34:54 CRITICAL Error encountered while running IDW interpolation

2018-02-28T10:41:24 CRITICAL Traceback (most recent call last):

File "C:/PROGRA~1/QGIS3~1.0/apps/qgis/.python/plugins\processing\algs\qgis\Heatmap.py", line 213, in processAlgorithm
self.tr('Could not create destination layer'))
_core.QgsProcessingException: Could not create destination layer

Associated revisions

Revision 84cdd609 - 2018-03-05 02:06 AM - Nyall Dawson

[processing] Fix invalid filenames are used for temporary files
during models

Fixes #18263

Revision fe6e9673 - 2018-03-06 02:20 AM - Nyall Dawson

[processing] Fix invalid filenames are used for temporary files
during models

Fixes #18263

(cherry-picked from 84cdd6)

History

#1 - 2018-02-28 10:47 AM - Giovanni Manghi

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

#2 - 2018-03-03 01:55 AM - Nyal Dawson

- *Assignee* changed from *Victor Olaya* to *Nyal Dawson*
- *Status* changed from *Open* to *In Progress*

#3 - 2018-03-05 02:06 AM - Nyal Dawson

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

Applied in changeset commit:qgis|84cdd609abcbc925a7a177a7fd2bb43059c55c13.

#4 - 2018-03-06 11:55 AM - Giovanni Manghi

- *Resolution* set to *fixed/implemented*