

QGIS Application - Bug report #15352

Dissolve error : "local variable 'nElement' referenced before assignment"

2016-07-27 09:00 AM - Ben Bray

Status:	Closed	
Priority:	Normal	
Assignee:	Victor Olaya	
Category:	Processing/QGIS	
Affected QGIS version:	2.14.3	Regression?: No
Operating System:	Mac OS	Easy fix?: No
Pull Request or Patch supplied:	No	Resolution:
Crashes QGIS or corrupts data:	No	Copied to github as #: 23284
Description		
<p>I'm experiencing the same issue as described in this recent thread : #14612</p> <p>But the solution that closes the thread doesn't work for me. I'm a Mac user, and I tried deleting the folder /Users/williambray/.qgis2/processing, but that doesn't solve the problem in QGIS, and folder returns when I load QGIS again.</p> <p>The Mac OS build provider includes these notes in the readme :</p> <p>"Known Issues - Processing Configuration</p> <p>If you have problems enabling algorithm providers or running algorithms, try resetting the "path" to the problem provider. Do this by deleting whatever is currently in the path setting for the provider, Processing should then automatically find the builtin path."</p> <p>But how does one reset the path to the problem provider in this case?</p> <p>thanks Ben Bray MIT Sea Grant</p>		
Related issues:		
Related to QGIS Application - Bug report # 14612: Error running Dissolve		Closed 2016-04-03

History

#1 - 2016-07-27 10:24 AM - Giovanni Manghi

- Status changed from Open to Feedback

(if there) the folder you must delete is

/Users/williambray/.qgis2/python/plugins/processing

not

/Users/williambray/.qgis2/processing

#2 - 2016-07-27 10:40 AM - Ben Bray

'/Users/williambray/.qgis2/python/plugins/processing' does not exist. the only contents of the python folder is the folder 'expressions'

#3 - 2016-08-01 04:48 AM - Alexander Bruy

- Category changed from Processing/Modeller to Processing/QGIS

Please provide full error message.

#4 - 2016-08-02 07:41 AM - Ben Bray

Sorry for the delay - thanks for your help Alexander. Here's the full error message, which results from running a model containing a Dissolve as its last step:

Algorithm model1 starting...

Prepare algorithm: QGISFIXEDDISTANCEBUFFER_1

Running subway stations Fixed distance buffer [1/4]

Parameters: INPUT =/Users/williambray/Desktop/O/MITSG_desktop/DO/QGIS_Level_2_Exercise_July2016/clippedstations.shp, DISTANCE =500, SEGMENTS =5, DISSOLVE =True

Converting outputs

OK. Execution took 2.103 ms (1 outputs).

Prepare algorithm: QGISINTERSECTION_1

Running Intersection Zones [2/4]

Parameters: INPUT

=/var/folders/b4/2q1t8h715x907926cpjft84c0000gn/T/processing79eec01207d04cc5abc74b13a69eb488/84f36e1b2894480098feb948d941ee34/OUTPUTALGQ
UTALGQGISFIXEDDISTANCEBUFFER1.shp, INPUT2

=/Users/williambray/Desktop/O/MITSG_desktop/DO/QGIS_Level_2_Exercise_July2016/clippedzoningdistricts.shp

Converting outputs

OK. Execution took 1.048 ms (1 outputs).

Prepare algorithm: QGISINTERSECTION_2

Running Intersection School [3/4]

Parameters: INPUT =/Users/williambray/Desktop/O/MITSG_desktop/DO/QGIS_Level_2_Exercise_July2016/clippedschools.shp, INPUT2

=/var/folders/b4/2q1t8h715x907926cpjft84c0000gn/T/processing79eec01207d04cc5abc74b13a69eb488/09eae90a64644ccc83061f3f201dafc4/OUTPUTALGQ
TALGQGISINTERSECTION1.shp

Converting outputs

OK. Execution took 0.576 ms (1 outputs).

Prepare algorithm: QGISDISSOLVE_1

Running Dissolve [4/4]

Parameters: INPUT

=/var/folders/b4/2q1t8h715x907926cpjft84c0000gn/T/processing79eec01207d04cc5abc74b13a69eb488/c62e00389c374c828f0e3d653f0ea8e4/OUTPUTALGQ
TALGQGISINTERSECTION2.shp, DISSOLVE_ALL =False, FIELD =SCHOOLDIST

Failed

Error executing algorithm Dissolve local variable 'nElement' referenced before assignment See log for more details

#5 - 2016-08-02 08:34 AM - Alexander Bruy

And what do you have in QGIS log (bubble in the bottom right corner of QGIS window)?

#6 - 2016-08-02 08:41 AM - Ben Bray

2016-08-02T11:36:28 2 Uncaught error while executing algorithm

Traceback (most recent call last):

File "/Applications/QGIS.app/Contents/MacOS/../Resources/python/plugins/processing/core/GeoAlgorithm.py", line 203, in execute
self.processAlgorithm(progress)

File "/Applications/QGIS.app/Contents/MacOS/../Resources/python/plugins/processing/algs/qgis/Dissolve.py", line 129, in processAlgorithm
nElement += 1

UnboundLocalError: local variable 'nElement' referenced before assignment

2016-08-02T11:36:28 2 Error executing algorithm Dissolve
local variable 'nElement' referenced before assignment
See log for more details

#7 - 2016-08-03 01:54 AM - Alexander Bruy

As I can see from code this error already fixed. Please make sure that you have no Processing plugin installed in your user directory
(~/qgis2/python/plugins) and check with latest point release

#8 - 2016-08-03 06:28 AM - Ben Bray

'/Users/williambray/.qgis2/python/plugins/processing' does not exist. the only contents of the python folder is the folder 'expressions'

I'm running the latest point release available for Macs (2.14.3) as indicated on the QGIS website.

Where does the code say this error is already fixed?

#9 - 2016-08-04 02:05 AM - Alexander Bruy

- Status changed from Feedback to Closed

#10 - 2016-08-04 06:36 AM - Ben Bray

- Status changed from Closed to Reopened

- Target version set to Version 2.14

This issue was erroneously closed without resolution.

Picking-up where we left-off...

1) I do not have a a Processing plugin installed in my user directory - '~/qgis2/python/plugins/processing' does not exist.

2) I'm running the latest point release available for Macs (2.14.3) as indicated on the QGIS website.

Any suggestions on what to do next?

thank you

Ben

#11 - 2016-08-04 10:44 PM - Alexander Bruy

- Status changed from Reopened to Closed

Issue fixed in **latest** point release (maybe also in previous too). Latest point release is 2.14.5

