

QGIS Application - Bug report #8740

Using Clip tool on a particular vector fails in Processing

2013-10-01 09:30 AM - Pedro Venâncio

Status:	Closed	
Priority:	Low	
Assignee:	Victor Olaya	
Category:	Processing/QGIS	
Affected QGIS version:	2.0.1	Regression?: No
Operating System:		Easy fix?: No
Pull Request or Patch supplied:		Resolution: invalid
Crashes QGIS or corrupts data:		Copied to github as #: 17455

Description

New Description:

The problem is with Clip and a specific shapefile (<http://goo.gl/pdlURR>). It gives this error when I run any Vector Overlay Tool from Processing (Sextante):

Algorithm Clip started
Traceback (most recent call last): File "C:/OSGeo4W/apps/qgis/.python/plugins\processing\core\GeoAlgorithm.py", line 150, in execute self.processAlgorithm(progress) File "C:/OSGeo4W/apps/qgis/.python/plugins\processing\algs\ftools\Clip.py", line 80, in processAlgorithm geom = QgsGeometry(inFeatA.geometry()) TypeError: arguments did not match any overloaded call: QgsGeometry(): too many arguments QgsGeometry(QgsGeometry): argument 1 has unexpected type 'NoneType'

Old Description:

Hi,

I'm having problems when trying to use the Clip tool more than once on a model, using the same (temporary) layer several times as "clip layer". Basically, it works for the first time but, at the second, fails:

Error executing algorithm 6 Traceback (most recent call last): File "C:/OSGeo4W/apps/qgis/.python/plugins\processing\core\GeoAlgorithm.py", line 150, in execute self.processAlgorithm(progress) File "C:/OSGeo4W/apps/qgis/.python/plugins\processing\algs\ftools\Clip.py", line 80, in processAlgorithm geom = QgsGeometry(inFeatA.geometry()) TypeError: arguments did not match any overloaded call: QgsGeometry(): too many arguments QgsGeometry(QgsGeometry): argument 1 has unexpected type 'NoneType'

...
...
...

I'm with QGIS 2.0.1 from OSGeo4W.

History

#1 - 2013-10-02 05:13 AM - Pedro Venâncio

Hi,

I had not realized, but this has nothing to do with modeler. The problem is with Clip and a specific shapefile (<http://goo.gl/pdlURR>). It gives this error when I

run any Vector Overlay Tool from Processing (Sextante):

Algorithm Clip started

Traceback (most recent call last): File "C:/OSGeo4W/apps/qgis/.python/plugins\processing\core\GeoAlgorithm.py", line 150, in execute self.processAlgorithm(progress) File "C:/OSGeo4W/apps/qgis/.python/plugins\processing\algs\ftools\Clip.py", line 80, in processAlgorithm geom = QgsGeometry(inFeatA.geometry()) TypeError: arguments did not match any overloaded call: QgsGeometry(): too many arguments QgsGeometry(QgsGeometry): argument 1 has unexpected type 'NoneType'

Algorithm Difference started

Traceback (most recent call last): File "C:/OSGeo4W/apps/qgis/.python/plugins\processing\core\GeoAlgorithm.py", line 150, in execute self.processAlgorithm(progress) File "C:/OSGeo4W/apps/qgis/.python/plugins\processing\algs\ftools\Difference.py", line 81, in processAlgorithm geom = QgsGeometry(inFeatA.geometry()) TypeError: arguments did not match any overloaded call: QgsGeometry(): too many arguments QgsGeometry(QgsGeometry): argument 1 has unexpected type 'NoneType'

Algorithm Intersection started

Traceback (most recent call last): File "C:/OSGeo4W/apps/qgis/.python/plugins\processing\core\GeoAlgorithm.py", line 150, in execute self.processAlgorithm(progress) File "C:/OSGeo4W/apps/qgis/.python/plugins\processing\algs\ftools\Intersection.py", line 64, in processAlgorithm geom = QgsGeometry(inFeatA.geometry()) TypeError: arguments did not match any overloaded call: QgsGeometry(): too many arguments QgsGeometry(QgsGeometry): argument 1 has unexpected type 'NoneType'

Algorithm Union started

Traceback (most recent call last): File "C:/OSGeo4W/apps/qgis/.python/plugins\processing\core\GeoAlgorithm.py", line 150, in execute self.processAlgorithm(progress) File "C:/OSGeo4W/apps/qgis/.python/plugins\processing\algs\ftools\Union.py", line 73, in processAlgorithm geom = QgsGeometry(inFeatA.geometry()) TypeError: arguments did not match any overloaded call: QgsGeometry(): too many arguments QgsGeometry(QgsGeometry): argument 1 has unexpected type 'NoneType'

But if I run any of this tools thru Vector -> Geoprocessing Tools, it works ok.

The same way, if I export the shapefile to a new shape, then everything works ok, including on Processing (Sextante).

This happens both on windows and Linux.

Any idea about what could it be?

Thanks, and sorry for the original ticket title, as this is not a modeler problem. I can't change the title, so anyone with privileges, please change it.

#2 - 2013-10-02 05:39 AM - Giovanni Manghi

- Subject changed from Using clip tool more than once on a model to Using clip tool on a particular vector fails in sextantes
- Priority changed from Normal to Low
- Target version changed from Version 2.0.0 to Future Release - High Priority

#3 - 2014-09-14 03:21 AM - Alexander Bruy

Please provide sample data

#4 - 2014-11-22 01:31 AM - Alexander Bruy

- Category changed from 94 to Processing/QGIS

#5 - 2014-11-22 01:32 AM - Alexander Bruy

- Subject changed from *Using clip tool on a particular vector fails in sextantes* to *Using Clip tool on a particular vector fails in Processing*

#6 - 2015-02-03 09:11 AM - Giovanni Manghi

- Status changed from *Open* to *Feedback*

#7 - 2015-02-03 09:13 AM - Giovanni Manghi

Alexander Bruy wrote:

| Please provide sample data

the data is here

<http://goo.gl/pdlURR>

anyway I suggest to close this ticket. The layer has some peculiar error that makes even postgis make valid fail. On the other hand grass v.overlay and the new ogr based clip tool are working ok. Also a cleaned version (with v.clean) works ok with any tool.

#8 - 2015-02-03 11:00 AM - Pedro Venâncio

- Status changed from *Feedback* to *Closed*

I will close this ticket because it seems a problem with this particular file.

The record with attributes

30-12-1899 30-12-1899 2007 0,000 0,000 0,000 0

actually has area zero, and so is a corrupted polygon centered at coordinates [0,0] of the reference system.

Sorry for the noise.

#9 - 2015-02-03 11:12 AM - Giovanni Manghi

- Resolution set to *invalid*