

QGIS Application - Bug report #14929

Batch Clip with Processing doesnt work with M Polygon

2016-05-31 12:41 AM - Nicolas Rochard

<b>Status:</b>	Closed	
<b>Priority:</b>	Normal	
<b>Assignee:</b>		
<b>Category:</b>	Processing/QGIS	
<b>Affected QGIS version:</b>	2.14.3	<b>Regression?:</b> No
<b>Operating System:</b>		<b>Easy fix?:</b> No
<b>Pull Request or Patch supplied:</b>	No	<b>Resolution:</b>
<b>Crashes QGIS or corrupts data:</b>	No	<b>Copied to github as #:</b> 22880
<b>Description</b>		
<p>Hi,</p> <p>When i try to use processing in batch mode with QGIS clip function.</p> <p>It's not working error message said :</p> <p>"unsupported geometry type"</p> <p>It's from IGN BdTopo and it's polygon with M dimension. See detail on <a href="http://paste.opensuse.org/92344906">[[http://paste.opensuse.org/92344906]]</a></p> <p>Doesn't work in QGIS 2.14.3</p> <p>But work with QGIS 2.14.2</p> <p>Though it was due to GDAL : <a href="https://trac.osgeo.org/gdal/wiki/rfc61_support_for_measured_geometries">https://trac.osgeo.org/gdal/wiki/rfc61_support_for_measured_geometries</a></p> <p>So build back 2.0.2 instead of using latest 2.1 but problem still the same.</p>		

Associated revisions

Revision 48949d64 - 2016-06-10 02:30 PM - Alexander Bruy

[processing] improve error message text (refs #14929)

Revision 0553f7b3 - 2016-06-13 10:44 AM - Alexander Bruy

[processing] allow 2.5D geometries (fix #14929)

Revision 1271ec7e - 2016-06-13 10:50 AM - Alexander Bruy

[processing] allow 2.5D geometries (fix #14929)

(cherry picked from commit 0553f7b33b4a3294f9a1cfb24e8c238f9211503d)

Conflicts:

- python/plugins/processing/algs/qgis/Clip.py
- python/plugins/processing/algs/qgis/Difference.py
- python/plugins/processing/algs/qgis/Intersection.py
- python/plugins/processing/algs/qgis/SymmetricalDifference.py
- python/plugins/processing/algs/qgis/Union.py

## History

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### #1 - 2016-05-31 12:58 AM - Even Rouault

The problem is due to the presence of 2.5D geometries (nothing to do with M), so the title should be changed

In 2.14, the message is generic: [https://github.com/qgis/QGIS/blob/release-2\\_14/python/plugins/processing/algs/qgis/Clip.py#L63](https://github.com/qgis/QGIS/blob/release-2_14/python/plugins/processing/algs/qgis/Clip.py#L63) ( Input layer has unsupported geometry type ). In master it has been made more specific :

<https://github.com/qgis/QGIS/blob/master/python/plugins/processing/algs/qgis/Clip.py#L72> ( Input layer does not support 2.5D type geometry )

### #2 - 2016-05-31 01:15 AM - Nicolas Rochard

- Target version set to Version 2.14
- File datatest\_sample.zip added

This is a testing sample data.

### #3 - 2016-06-10 06:42 AM - Alexander Bruy

- Operating System deleted (Linux openSUSE 42.1)
- Status info deleted (GDAL 2.0.2 and 2.1)
- OS version deleted ( 64 bits)
- Target version deleted (Version 2.14)
- Category set to Processing/QGIS

### #4 - 2016-06-10 07:37 AM - Nicolas Rochard

- Target version set to Version 2.14

Would like to be more precise.

I've tested on 2.10 and its work perfectly without error

### #5 - 2016-06-10 08:09 AM - Nicolas Rochard

After a feedback with René-Luc D'Hont from 3Liz,

It work again by comment line 64 to 66 in /usr/share/qgis/python/plugins/processing/algs/qgis/Clip.py

```
#if geomType in GEOM_25D:
#    raise GeoAlgorithmExecutionException(
#        self.tr('Input layer has unsupported geometry type {}').format(geomType))
```

Export is still Geometry: 3D Polygon so why there is a testing condition in the code ?

### #6 - 2016-06-10 08:32 AM - René-Luc ReLuc

This restriction has been added in commit:d4e400a

Why this restriction? A problem with some GEOS version ?

#7 - 2016-06-13 01:43 AM - Alexander Bruy  
- Status changed from Open to Closed

Fixed in changeset commit:"0553f7b33b4a3294f9a1cfb24e8c238f9211503d".

Files

datatest_sample.zip	139 KB	2016-05-30	Nicolas Rochard
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