QGIS Application - Bug report #17026
Error for Mean coordinate(s) when geometry is NULL

2017-08-17 11:51 AM - Loïc BARTOLETTI

Status:	Closed			
Priority:	Normal			
Assignee:	Victor Olaya			
Category:	Processing/QGIS			
Affected QGIS version:	2.18.11	**Regression?:**	No	
Operating System:		**Easy fix?:**	No	
Pull Request or Patch supplied:		**Resolution:**		
Crashes QGIS or corrupts data:		**Copied to github as #:**	24925	

Description

Hi,

A little error when you try to use MeanCoords algorithm with a layer which contain NULL geometry.

The solution is to clean this layer or add maybe add a test on geometry before run the algorithm.

2017-08-17T11:22:48   2   Uncaught error while executing algorithm
      Traceback (most recent call last):
       File "C:/Users/da14/.qgis2/python/plugins\processing\core\GeoAlgorithm.py", line 230, in execute
        self.processAlgorithm(progress)
       File "C:/Users/da14/.qgis2/python/plugins\processing\algs\qgis\MeanCoords.py", line 116, in processAlgorithm
        cx = values[0] / values[2]
      ZeroDivisionError: integer division or modulo by zero

You can reproduce it with a testdata (shp_with_null_geometry_extract.shp) and run the algorithm with Unique ID field set to "HubName". The Null geometries have HubName set to Null.

Tested with QGis 2.14.17, 2.18.11 and master.

Thank you.

Associated revisions

Revision 667ba425 - 2017-08-22 04:03 PM - Victor Olaya

[processing] correctly handle null gems in meancoords alg

Fixes #17026

History

#1 - 2017-08-17 02:01 PM - Giovanni Manghi

- Affected QGIS version changed from 2.14.0 to 2.18.11

#2 - 2017-08-22 05:44 PM - Victor Olaya

- % Done changed from 0 to 100

- Status changed from Open to Closed

Applied in changeset commit:qgis|667ba4255e87e8e05051e7fa8b4851633b3da4b7.

Files

MeanCoords_error.zip	5.52 KB	2017-08-17	Loïc BARTOLETTI