QGIS Application - Bug report #17192
Python error in Processing/QGIS clip

2017-09-25 01:27 PM - Giovanni Manghi

Status:	Closed			
Priority:	High			
Assignee:	Victor Olaya			
Category:	Processing/QGIS			
Affected QGIS version:	2.18.13	**Regression?:**	Yes	
Operating System:		**Easy fix?:**	No	
Pull Request or Patch supplied:		**Resolution:**	fixed/implemented	
Crashes QGIS or corrupts data:		**Copied to github as #:**	25091	

Description

This is kind of weird error because it does not show in all installations and does not depends on the operating system (seen on Windows and as well on Linux). It has also been observed in completely clean systems and installations, possibly excluding local issues.

The error is

2017-09-24T11:10:53   2   Uncaught error while executing algorithm
        Traceback (most recent call last):
        File "C:/OSGEO4~1/apps/qgis/./python/plugins\processing\core\GeoAlgorithm.py", line 203, in execute
            self.processAlgorithm(progress)
        File "C:/OSGEO4~1/apps/qgis/./python/plugins\processing\algs\qgis\Clip.py", line 99, in processAlgorithm
            total = 100.0 / len(features) if len(features) > 0 else 1
        NameError: global name 'features' is not defined

and with the same test dataset (attached) does not show in 2.14

https://www.dropbox.com/s/gitlghh1r2omkwy/clip_error.zip?dl=0

Related issues:

Duplicated by QGIS Application - Bug report # 17248: Can't clip a vector pol...	**Closed**	**2017-10-05**

History

#1 - 2017-09-26 11:31 PM - Claas Leiner

I have observed the same error. With different data and with different installations under Linux Ubuntu 16.04 with ubuntugis dependencies. In previous 2.18 releases, the error did not occur! I do not know, in which 2.18.x it still worked.

error messages

2017-09-26T22:58:22   2   Fehler in Algorithmusausführung Clip
        global name 'features' is not defined
        See log for more details
2017-09-26T22:58:55   2   Uncaught error while executing algorithm
        Traceback (most recent call last):
        File "/usr/share/qgis/python/plugins/processing/core/GeoAlgorithm.py", line 203, in execute
            self.processAlgorithm(progress)
        File "/usr/share/qgis/python/plugins/processing/algs/qgis/Clip.py", line 99, in processAlgorithm
            total = 100.0 / len(features) if len(features) > 0 else 1
        NameError: global name 'features' is not defined

2017-09-26T22:58:55   2   Fehler in Algorithmusausführung Clip

     global name 'features' is not defined

     See log for more details

2017-09-26T23:02:01   2   Uncaught error while executing algorithm

     Traceback (most recent call last):

      File "/usr/share/qgis/python/plugins/processing/core/GeoAlgorithm.py", line 203, in execute

       self.processAlgorithm(progress)

      File "/usr/share/qgis/python/plugins/processing/algs/qgis/Clip.py", line 99, in processAlgorithm

       total = 100.0 / len(features) if len(features) > 0 else 1

     NameError: global name 'features' is not defined

2017-09-26T23:02:01   2   Fehler in Algorithmusausführung Clip

     global name 'features' is not defined

     See log for more details

#2 - 2017-09-26 11:42 PM - Claas Leiner

In a QGIS-Installation from May 2017 in the
clip.py I find in Line 98 - 101

    if single_clip_feature:

       total = 100.0 / len(input_features)

      else:

       total = 0

In this time Clip runs korrekt.

In qgis 2.18.13 Line 08 - 101:

    if single_clip_feature:

       total = 100.0 / len(features) if len(features) > 0 else 1

      else:

       total = 0

    clip don't run

#3 - 2017-09-27 10:43 AM - Alexander Bruy

- Resolution set to fixed/implemented

- Status changed from Open to Closed

#4 - 2017-10-09 06:24 AM - Ben Wirf

I am still getting this global name 'features' is not defined error message when trying to run the QGIS clip tool in QGIS 2.18.13 on Windows 8.1 machine. I have re-run the OSGEO4W installer (custom install), and selected reinstall 2.18.13. Deleted QGIS2 folder and restarted. The problem still persists.

#5 - 2017-10-09 07:31 PM - Giovanni Manghi

Ben Wirf wrote:

> *I am still getting this global name 'features' is not defined error message when trying to run the QGIS clip tool in QGIS 2.18.13 on Windows 8.1*
> *machine. I have re-run the OSGEO4W installer (custom install), and selected reinstall 2.18.13. Deleted QGIS2 folder and restarted. The problem*

> *still persists.*

the patch is not in 2.18.13, will be in .14

#6 - 2017-10-10 12:53 AM - Ben Wirf

No problem. Thanks Giovanni.

#7 - 2017-10-10 08:43 AM - Jürgen Fischer

- Duplicated by Bug report #17248: Can't clip a vector polygon in qgis 2.18.19 added