

QGIS Application - Bug report #16061

Rasterize and Rasterize Over algorithms not opening

2017-01-11 02:30 AM - matteo ghetta

Status:	Closed	
Priority:	High	
Assignee:	Victor Olaya	
Category:	Processing/GDAL	
Affected QGIS version:	2.18.13	Regression?: Yes
Operating System:	Ubuntu 16.04 LTS	Easy fix?: No
Pull Request or Patch supplied:	Yes	Resolution:
Crashes QGIS or corrupts data:	No	Copied to github as #: 23976
Description		
Both gdal algorithms of gdal won't open in processing due to this python error (QGIS compiled from source): TypeError: 'NoneType' object is not subscriptable Traceback (most recent call last): File "/home/matteo/lavori/QGIS/build-qgis3/output/python/plugins/processing/gui/ProcessingToolbox.py", line 259, in executeAlgorithm dlg = alg.getCustomParametersDialog() File "/home/matteo/lavori/QGIS/build-qgis3/output/python/plugins/processing/algs/gdal/GdalAlgorithm.py", line 57, in getCustomParametersDialog return GdalAlgorithmDialog(self) File "/home/matteo/lavori/QGIS/build-qgis3/output/python/plugins/processing/algs/gdal/GdalAlgorithmDialog.py", line 39, in <i>init</i> AlgorithmDialogBase.__init__(self, alg) File "/home/matteo/lavori/QGIS/build-qgis3/output/python/plugins/processing/gui/AlgorithmDialogBase.py", line 108, in <i>init</i> algHelp = self.alg.shortHelp() File "/home/matteo/lavori/QGIS/build-qgis3/output/python/plugins/processing/algs/gdal/GdalAlgorithm.py", line 86, in shortHelp url = helpPath + '{}.html'.format(self.commandName()) File "/home/matteo/lavori/QGIS/build-qgis3/output/python/plugins/processing/algs/gdal/GdalAlgorithm.py", line 98, in commandName name = alg.getConsoleCommands()[0] File "/home/matteo/lavori/QGIS/build-qgis3/output/python/plugins/processing/algs/gdal/rasterize.py", line 162, in getConsoleCommands return ['gdal_rasterize', GdalUtils.escapeAndJoin(arguments)] File "/home/matteo/lavori/QGIS/build-qgis3/output/python/plugins/processing/algs/gdal/GdalUtils.py", line 183, in escapeAndJoin if s[0] != '-' and ' ' in s: TypeError: 'NoneType' object is not subscriptable		

Associated revisions

Revision bc098758 - 2017-04-29 09:09 PM - Arnaud Morvan

[processing] Fix rasterize dialog opening

Fix #16061

Do not pass in getConsoleCommand just to get commandName for shortHelp.

This avoid errors with non initialized parameters.

Revision ed103e59 - 2017-04-30 09:33 AM - Alexander Bruy

Merge pull request #4445 from arnaud-morvan/processing_fix_rasterize

[processing] fix rasterize dialog opening (fix #16061)

Revision 2116a60b - 2017-09-28 12:00 PM - Alexander Bruy

[processing] prevent Python error if input layer is not set (fix #16061)

History

#1 - 2017-01-12 05:01 AM - Giovanni Manghi

- *Priority changed from High to Severe/Regression*

#2 - 2017-02-07 06:30 AM - Alexander Bruy

- *Operating System deleted (Linux mint)*

- *OS version deleted (sarah)*

#3 - 2017-02-07 06:32 AM - Alexander Bruy

Just a small note. This error thrown only if algorithm opened with empty project, if there is a vector layer loaded all not error is displayed.

#4 - 2017-02-07 06:37 AM - matteo ghetta

mmm.. on my machine I get the same error also with layers in the toc and with or without any project opened

#5 - 2017-02-14 04:53 AM - Giovanni Manghi

I also see the error regardless the project is empty or not.

#6 - 2017-04-29 12:11 PM - Arnaud Morvan

Pull request proposed : <https://github.com/qgis/QGIS/pull/4445>

#7 - 2017-04-30 09:46 AM - Alexander Bruy

- *Resolution set to fixed/implemented*

- *Status changed from Open to Closed*

- *Description updated*

Fixed in commit:bc0987586661805cb8c39479ec99ff963c6e8030

#8 - 2017-09-26 08:16 AM - Richard Duivenvoorde

- *Priority changed from Severe/Regression to Low*

- *Regression? changed from No to Yes*

Reopening this , running current 2.18(.13) head (QGIS code revision ce11ebb48b) here.

Having exact this error message in 'Rasterize (vector to raster)'

Printing out the 'arguments'-string of share/qgis/python/plugins/processing/algs/gdal/rasterize.py" I have:

```
['-a', u'1', '-ot', 'Int16', '-of', 'GTiff', '-tr', u'1', u'1', '-a_nodata', u'1', '-co COMPRESS=JPEG', u'-co JPEG_QUALITY=1', '-co BIGTIFF=YES', u'1', '-l', None, u'1', u'dummy']
```

Looks like this is the inLayer? Which in my case is not yet choosen (as it is the first time I open the dialog, maybe not even with layers in my legend...)?

#9 - 2017-09-26 12:04 PM - Giovanni Manghi

- Status changed from Closed to Open
- Priority changed from Low to High
- Affected QGIS version changed from master to 2.18.13
- Resolution deleted (fixed/implemented)
- Subject changed from Rasterize and Rasterize Ovr algorithm not opening to Rasterize and Rasterize Over algorithms not opening

The error (seen on Windows and Linux) is

Traceback (most recent call last):

```
File "/usr/local/share/qgis/python/plugins/processing/gui/ProcessingToolbox.py", line 250, in executeAlgorithm
    dlg = alg.getCustomParametersDialog()
File "/usr/local/share/qgis/python/plugins/processing/algs/gdal/GdalAlgorithm.py", line 49, in getCustomParametersDialog
    return GdalAlgorithmDialog(self)
File "/usr/local/share/qgis/python/plugins/processing/algs/gdal/GdalAlgorithmDialog.py", line 40, in init
    AlgorithmDialogBase.__init__(self, alg)
File "/usr/local/share/qgis/python/plugins/processing/gui/AlgorithmDialogBase.py", line 71, in init
    algHelp = self.alg.shortHelp()
File "/usr/local/share/qgis/python/plugins/processing/algs/gdal/GdalAlgorithm.py", line 78, in shortHelp
    url = helpPath + '{}.html'.format(self.commandName())
File "/usr/local/share/qgis/python/plugins/processing/algs/gdal/GdalAlgorithm.py", line 90, in commandName
    name = alg.getConsoleCommands()[0]
File "/usr/local/share/qgis/python/plugins/processing/algs/gdal/rasterize_over.py", line 80, in getConsoleCommands
    return ['gdal_rasterize', GdalUtils.escapeAndJoin(arguments)]
File "/usr/local/share/qgis/python/plugins/processing/algs/gdal/GdalUtils.py", line 180, in escapeAndJoin
    if s0 != '-' and ' ' in s:
TypeError: 'NoneType' object has no attribute '__getitem__'
```

#10 - 2017-09-28 04:18 PM - Alexander Bruy

- Status changed from Open to Closed
- % Done changed from 0 to 100

Applied in changeset commit:qgis|2116a60b32067fb9160fac2c9f10847e5ea7359a.