

# QGIS Application - Bug report #14719

## GRASS 7 algorithms does not work in the graphical modeller (python error)

2016-04-22 05:54 AM - Oto Kalab

Status:	Closed	
Priority:	Normal	
Assignee:	Victor Olaya	
Category:	Processing/Modeller	
Affected QGIS version:	2.14.1	Regression?: No
Operating System:	Linux Mint	Easy fix?: No
Pull Request or Patch Supplied:		Resolution: not reproducible
Crashes QGIS or corrupts data:		Copied to github as #: 22679

### Description

If I try to run model including GRASS 7 algorithm it fails. Tried several functions (r.reclass, r.recode, r.grow...). It works fine from processing toolbox.

An error has occurred while executing Python code:

```
TypeError: object.__new__(NotImplementedType) is not safe, use NotImplementedType.__new__()  
Traceback (most recent call last):  
  File "/usr/share/qgis/python/plugins/processing/modeler/ModelerDialog.py", line 247, in runModel  
    alg = self.alg.getCopy()  
  File "/usr/share/qgis/python/plugins/processing/modeler/ModelerAlgorithm.py", line 201, in getCopy  
    newone.algs = copy.deepcopy(self.algs)  
  File "/usr/lib/python2.7/copy.py", line 163, in deepcopy  
    y = copier(x, memo)  
  File "/usr/lib/python2.7/copy.py", line 257, in __deepcopy__dict  
    y[deepcopy(key, memo)] = deepcopy(value, memo)  
  File "/usr/lib/python2.7/copy.py", line 163, in deepcopy  
    y = copier(x, memo)  
  File "/usr/lib/python2.7/copy.py", line 298, in __deepcopy__inst  
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    y[deepcopy(key, memo)] = deepcopy(value, memo)  
  File "/usr/lib/python2.7/copy.py", line 190, in deepcopy  
    y = _reconstruct(x, rv, 1, memo)  
  File "/usr/lib/python2.7/copy.py", line 334, in _reconstruct  
    state = deepcopy(state, memo)  
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```

```
File "/usr/lib/python2.7/copy.py", line 163, in deepcopy
    y = copier(x, memo)
File "/usr/lib/python2.7/copy.py", line 230, in _deepcopy_list
    y.append(deepcopy(a, memo))
File "/usr/lib/python2.7/copy.py", line 163, in deepcopy
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    y = _reconstruct(x, rv, 1, memo)
File "/usr/lib/python2.7/copy.py", line 329, in _reconstruct
    y = callable(*args)
File "/usr/lib/python2.7/copy_reg.py", line 93, in __newobj__
    return cls.__new__(cls, *args)
TypeError: object.__new__(NotImplementedType) is not safe, use NotImplementedType.__new__()
```

Python version: 2.7.6 (default, Jun 22 2015, 18:01:27) [GCC 4.8.2]

QGIS version: 2.14.1-Essen Essen, exported

Python Path:

```
/home/otak/.qgis2/python/plugins/GeoCoding/libs
/usr/share/qgis/python/plugins/processing
/home/otak/.qgis2/python/plugins/QSDM
/home/otak/.qgis2/python/plugins/LecoS
/usr/share/qgis/python
/home/otak/.qgis2/python
/home/otak/.qgis2/python/plugins
/usr/share/qgis/python/plugins
/usr/local/lib/python2.7/dist-packages/utils-0.8.0-py2.7.egg
/usr/lib/python2.7
/usr/lib/python2.7/plat-x86_64-linux-gnu
/usr/lib/python2.7/lib-tk
/usr/lib/python2.7/lib-old
/usr/lib/python2.7/lib-dynload
/usr/local/lib/python2.7/dist-packages
/usr/lib/python2.7/dist-packages
/usr/lib/python2.7/dist-packages/PILcompat
```

```
/usr/lib/python2.7/dist-packages/gtk-2.0
/usr/lib/pymodules/python2.7
/usr/lib/python2.7/dist-packages/ubuntu-sso-client
/usr/lib/python2.7/dist-packages/wx-2.8-gtk2-unicode
/home/otak/.qgis2//python
/home/otak/.qgis2/python/plugins/mmqgis/forms
/home/otak/.qgis2/python/plugins/qgisgbifapi/vendor
/home/otak/.qgis2/python/plugins/qgisgbifapi/vendor
/usr/share/qgis/python/plugins/fTools/tools
/home/otak/Mega/GIS/Projects/steto
```

## History

#1 - 2016-06-13 12:12 PM - James Stott

I have exactly the same problem trying to run a Grass 7 algorithm (v.voronoi) on Ubuntu Gnome using QGIS 2.14.3. I get the error when trying to run the model, while the algorithms run from the processing toolbox.

Model works fine on my work Windows 10 work computer.

An error has occurred while executing Python code:

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TypeError: object.__new__(NotImplementedType) is not safe, use NotImplementedType.__new__()

Traceback (most recent call last):
  File "/usr/share/qgis/python/plugins/processing/modeler/ModelerDialog.py", line 247, in runModel
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File "/usr/lib/python2.7/copy.py", line 329, in _reconstruct
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return cls.__new__(cls, *args)
TypeError: object.__new__(NotImplementedType) is not safe, use NotImplementedType.__new__()


```

Python-versjon: 2.7.10 (default, Oct 14 2015, 16:09:02) [GCC 5.2.1 20151010]

QGIS-versjon: 2.14.3-Essen Essen, exported

Python-sti:

```

/usr/share/qgis/python/plugins/processing
/home/james/.qgis2/python/plugins/ScipyPointClustering
/usr/share/qgis/python
/home/james/.qgis2/python
/home/james/.qgis2/python/plugins
/usr/share/qgis/python/plugins
/usr/lib/python2.7
/usr/lib/python2.7/plat-x86_64-linux-gnu
/usr/lib/python2.7/lib-tk
/usr/lib/python2.7/lib-old
/usr/lib/python2.7/lib-dynload
/usr/local/lib/python2.7/dist-packages
/usr/lib/python2.7/dist-packages

```

```
/usr/lib/python2.7/dist-packages/PILcompat
/usr/lib/python2.7/dist-packages/gtk-2.0
/usr/lib/python2.7/dist-packages/ubuntu-sso-client
/usr/lib/python2.7/dist-packages/wx-3.0-gtk2
/home/james/.qgis2/python
/home/james/.qgis2/python/plugins/mmqgis/forms
/usr/share/qgis/python/plugins/fTools/tools
/home/james/testing/model
```

## #2 - 2016-07-25 09:20 AM - Bernd Vogelgesang

Same effect here on a model with Linux Mint I created and successfully ran with 2.14. After upgrading to 2.16, it shows the same errors as above.

## #3 - 2017-05-01 01:05 AM - Giovanni Manghi

- *Easy fix? set to No*
- *Regression? set to No*

## #4 - 2017-11-09 01:57 PM - Emilio Gomez

The same problem with a model created and executed in QGIS 2.16 in Kubuntu 16.04 Xenial.

It works well from processing toolbox but produces this error if the model is executed from modeler dialog.

If the GRASS 7 algorithm (v.clean) is removed from the model, the error does not occur.

## #5 - 2017-11-13 11:27 AM - Giovanni Manghi

- *Description updated*
- *Status changed from Open to Feedback*

Emilio Gomez wrote:

*The same problem with a model created and executed in QGIS 2.16 in Kubuntu 16.04 Xenial.  
It works well from processing toolbox but produces this error if the model is executed from modeler dialog.*

*If the GRASS 7 algorithm (v.clean) is removed from the model, the error does not occur.*

please try again with 2.81.14 (be also sure to not have any "processing" folder in ~/.qgis2/python/plugins) then report back. Thanks!

## #6 - 2018-02-02 09:07 AM - Alexander Bruy

- *Status changed from Feedback to Closed*

Closed for the lack of feedback. Please reopen if necessary.

## #7 - 2018-02-22 09:16 AM - Giovanni Manghi

- *Resolution set to not reproducible*