

QGIS Application - Bug report #20342

Grass7 processing plugin fails to activate on macOS

2018-11-02 11:16 PM - Jonathan McCormack

Status:	Closed	
Priority:	Normal	
Assignee:		
Category:	Processing/GRASS	
Affected QGIS version:	3.4.0	Regression?: No
Operating System:		Easy fix?: No
Pull Request or Patch supplied:		Resolution: fixed/implemented
Crashes QGIS or corrupts data:		Copied to github as #: 28163

Description

In QGIS 3.4.1 (and 3.4.0) with GRASS 7.4.2 installed via the osgeo4mac homebrew tap on macOS 10.14, loading the 'processing' plugin errors out:

```
Couldn't load plugin 'processing' due to an error when calling its initGui() method

AttributeError: type object 'Grass7Utils' has no attribute 'checkGrass7IsInstalled'
Traceback (most recent call last):
  File "/usr/local/Cellar/qgis3/3.4.1/QGIS.app/Contents/MacOS/../Resources/python/qgis/utils.py", line 344, in startPlugin
    plugins[packageName].initGui()
  File "/usr/local/Cellar/qgis3/3.4.1/QGIS.app/Contents/MacOS/../Resources/python/plugins/processing/ProcessingPlugin.py", line
181, in initGui
    self.toolbox = ProcessingToolbox()
  File
"/usr/local/Cellar/qgis3/3.4.1/QGIS.app/Contents/MacOS/../Resources/python/plugins/processing/gui/ProcessingToolbox.py", line
93, in __init__
    self.txtTip.setVisible(self.disabledProviders())
  File
"/usr/local/Cellar/qgis3/3.4.1/QGIS.app/Contents/MacOS/../Resources/python/plugins/processing/gui/ProcessingToolbox.py", line
135, in disabledProviders
    if not provider.isActive() and provider.canBeActivated():
  File
"/usr/local/Cellar/qgis3/3.4.1/QGIS.app/Contents/MacOS/../Resources/python/plugins/processing/algs/grass7/Grass7AlgorithmProvider.py", li
n
e 157, in canBeActivated
    return not bool(Grass7Utils.checkGrass7IsInstalled())
AttributeError: type object 'Grass7Utils' has no attribute 'checkGrass7IsInstalled'

Python version: 3.7.0 (default, Jul 23 2018, 20:22:55) [Clang 9.1.0 (clang-902.0.39.2)]
QGIS version: 3.4.1-Madeira Madeira, exported
```

It appears that the file source:python/plugins/processing/algs/grass7/Grass7AlgorithmProvider.py#L157 still references the method 'checkGrass7IsInstalled' which was renamed to 'checkGrassIsInstalled' in the file source:python/plugins/processing/algs/grass7/Grass7Utils.py#459 as part of commit commit:6c81895

I'm not sure why I am only just now encountering this issue, whereas QGIS prior to 3.4.0 hadn't triggered this, but as best I can tell the method referenced in Grass7AlgorithmProvider.py just needs to be fixed to:

```
def canBeActivated(self):
    return not bool(Grass7Utils.checkGrassIsInstalled())
```

History

#1 - 2018-11-02 11:20 PM - Giovanni Manghi

- *Easy fix? changed from Yes to No*
- *Subject changed from Grass7 processing plugin fails to activate to Grass7 processing plugin fails to activate on macOS*

#2 - 2019-01-30 03:06 PM - Alexander Bruy

- *Resolution set to fixed/implemented*
- *Operating System deleted (macOS 10.14)*
- *Status changed from Open to Closed*

Fixed in master. Please reopen if necessary.