

QGIS Application - Bug report #18159

Bug on macros(?!)

2018-02-20 05:40 PM - Simon Georget

Status:	Closed	
Priority:	Normal	
Assignee:		
Category:	PyQGIS Console	
Affected QGIS version:	2.18.16	Regression?: No
Operating System:	Ubuntu 16.04	Easy fix?: No
Pull Request or Patch supplied:		Resolution: fixed/implemented
Crashes QGIS or corrupts data:		Copied to github as #: 26052

Description

Hi,

I created an OpenProject macro but I get the following error when opening the project.

Une erreur est survenue lors de l'exécution du code suivant:  
qgis.utils.reloadProjectMacros()

traceback.print\_exception() failed

Version de Python :  
2.7.12 (default, Dec 4 2017, 14:50:18)  
[GCC 5.4.0 20160609]

Version de QGIS :  
2.18.16 'Las Palmas', d473c30

Chemin vers Python :

My macro is running well on python console.  
Running the following code in python console again triggers an error :

```
from qgis.utils import reloadProjectMacros
reloadProjectMacros()
```

Here is the error message :

```
reloadProjectMacros()
Traceback (most recent call last):
  File "<input>", line 1, in <module>
    reloadProjectMacros()
  File "/usr/lib/python2.7/dist-packages/qgis/utils.py", line 497, in reloadProjectMacros
    openProjectMacro()
  File "/usr/lib/python2.7/dist-packages/qgis/utils.py", line 514, in openProjectMacro
    mod.openProject()
  File "<string>", line 4, in openProject
NameError: global name 'QgsMapLayerRegistry' is not defined
```

Thanks for you support

## History

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### #1 - 2018-02-21 02:34 PM - Salvatore Larosa

- Status changed from Open to Feedback

Could be your macro missing the import to QgsMapLayerRegistry class? It seems you are using it, isn't?

### #2 - 2018-02-21 02:39 PM - Simon Georget

Indeed I do,

Actually my macro is quite basic :

```
def openProject():
    from qgis.gui import QgsMapCanvas;
    from qgis.gui import QgsMessageBar;
    registry = QgsMapLayerRegistry.instance();
    canvas = iface.mapCanvas();
    layer = registry.mapLayersByName( 'mylayer' )[0];
    canvas.setExtent(layer.extent());
    canvas.refresh();
```

### #3 - 2018-02-22 03:44 PM - Regis Haubourg

Hi,

this works here:

```
from qgis.core import QgsMapLayerRegistry
from qgis.gui import QgsMapCanvas
from qgis.gui import QgsMessageBar
from qgis.utils import iface
canvas = iface.mapCanvas()
registry = QgsMapLayerRegistry.instance()
layer = registry.mapLayersByName( u'tracks (offline)' )[0]
canvas.setExtent(layer.extent())
canvas.refresh()
pass
```

beware of having the 4 spaces indentations and not tab. I also added import for iface and QgsMapLayerRegistry.

Under linux, the stacktrace is not raised as in windows, which is pretty annoying. See #16923

### #4 - 2018-02-22 03:44 PM - Regis Haubourg

- Status changed from Feedback to Closed
- Resolution set to invalid

**#5 - 2018-02-22 03:53 PM - Simon Georget**

Hi Regis,

Thanks for support but I still have the same issue, even importing iface and QgsMapLayerRegistry (and with 4 spaces indent)

**#6 - 2018-02-25 10:45 AM - Simon Georget**

- Status changed from Closed to Reopened

**#7 - 2018-02-25 05:13 PM - Giovanni Manghi**

- Status changed from Reopened to Feedback
- Resolution deleted (invalid)
- Subject changed from Bug on macros !? to Bug on macros(?!)

Simon Georget wrote:

Hi Regis,

Thanks for support but I still have the same issue, even importing iface and QgsMapLayerRegistry (and with 4 spaces indent)

any error?

**#8 - 2018-02-25 06:28 PM - Simon Georget**

Thanks Giovanni. The error message is provided on the first post.

**#9 - 2019-01-21 12:34 AM - Jürgen Fischer**

Please test with QGIS 3.4 - QGIS 2.18 reached it's end of life.

**#10 - 2019-01-21 09:32 AM - Simon Georget**

Jürgen Fischer wrote:

Please test with QGIS 3.4 - QGIS 2.18 reached it's end of life.

Hey Jürgen. Thanks for coming back to me. I still have the same error with 3.4.3-Madeira - revision 2f64a3c  
!

Une erreur est survenue lors de l'exécution du code suivant:

```
qgis.utils.reloadProjectMacros()
```

Traceback (most recent call last):

```
File "", line 1, in
File "/usr/lib/python3/dist-packages/qgis/utils.py", line 499, in reloadProjectMacros
    openProjectMacro()
File "/usr/lib/python3/dist-packages/qgis/utils.py", line 516, in openProjectMacro
    mod.openProject()
File "", line 2, in openProject
ImportError: cannot import name 'QgsMapLayerRegistry'
```

**#11 - 2019-01-21 10:35 AM - Nyall Dawson**

QgsMapLayerRegistry doesn't exist in 3.x -- you'll need to update your code for the 3.x API.

**#12 - 2019-01-21 01:19 PM - Simon Georget**

Nyall Dawson wrote:

| *QgsMapLayerRegistry doesn't exist in 3.x -- you'll need to update your code for the 3.x API.*

Indeed. Works well with QgsProject instance. Thanks

Ticket can be closed !

**#13 - 2019-01-21 01:40 PM - Jürgen Fischer**

- *Resolution set to fixed/implemented*
- *Status changed from Feedback to Closed*