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:	No	**Copied to github as #:**	26052	

Description

Hi,

I created an OpenProject macro butI 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>
     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

#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