

## QGIS Application - Bug report #19334

### Why python function not work in custom function in QGIS 3.0?

2018-07-04 09:14 AM - dany Lefevre

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| <b>Status:</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | Open      |                                     |
| <b>Priority:</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | Normal    |                                     |
| <b>Assignee:</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |           |                                     |
| <b>Category:</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | Unknown   |                                     |
| <b>Affected QGIS version:</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 3.2       | <b>Regression?:</b> No              |
| <b>Operating System:</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | Windows 7 | <b>Easy fix?:</b> No                |
| <b>Pull Request or Patch supplied:</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | No        | <b>Resolution:</b>                  |
| <b>Crashes QGIS or corrupts data:</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | No        | <b>Copied to github as #:</b> 27162 |
| <b>Description</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |           |                                     |
| <p>in QGIS atlas I use a custom function to find the first file containing texts :</p> <pre>import os, fnmatch from PyQt5.QtCore import QFileInfo from qgis.core import * from qgis.gui import *  @qgsfunction(args='auto', group='Custom') def findphoto(nb, src1,src2,feature, parent):     lnb=0     val='NA'     filen = QFileInfo(QgsProject.instance().fileName())     Dir_report=filen.absolutePath()     for root, directories, filenames in os.walk(Dir_report):         for filename in filenames:             if fnmatch.fnmatch(filename, '*' +str(src1) + '*' + str(src2) + '*.jpg' ):                 lnb=lnb+1                 if lnb==nb:                     val=os.path.join(root,filename)                     break     return val</pre> <p>In QGIS 2.18 it works fine (just change PyQt5 by PyQt4), in QGIS 3.2 it return "NA" value.</p> <p>In QGIS 3.2 if I try in python mode, it works fine:</p> <pre>import os, fnmatch from PyQt5.QtCore import QFileInfo from qgis.core import * from qgis.gui import *  def findphoto(nb, src1,src2):     lnb=0     val='NA'     filen = QFileInfo(QgsProject.instance().fileName())     Dir_report=filen.absolutePath()     for root, directories, filenames in os.walk(Dir_report):         for filename in filenames:</pre> |           |                                     |

```
if fnmatch.fnmatch(filename, '*' + str(src1) + '*' + str(src2) + '*.jpg' ):
    lnb=lnb+1
    if lnb==nb:
        val=os.path.join(root,filename)
        break
return val
```

why?

## History

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**#1 - 2018-07-05 12:06 PM - dany Lefeuve**

oops error in tittle this is for qgis 3.2

**#2 - 2018-09-25 11:32 AM - Jürgen Fischer**

- *Description updated*