

## QGIS Application - Bug report #18270

### QGIS 3.0 import dxf python code issue

2018-02-28 01:01 PM - PJ Lightning

<b>Status:</b>	Closed	
<b>Priority:</b>	High	
<b>Assignee:</b>		
<b>Category:</b>	Python bindings / sipify	
<b>Affected QGIS version:</b>	3.0.0	<b>Regression?:</b> Yes
<b>Operating System:</b>	Win7 Pro	<b>Easy fix?:</b> No
<b>Pull Request or Patch supplied:</b>	No	<b>Resolution:</b> invalid
<b>Crashes QGIS or corrupts data:</b>	No	<b>Copied to github as #:</b> 26161
<b>Description</b>		
<p>The code:</p> <pre>import glob, os path = "E:/aawork/etc/etc/etc/dxfs/" for layer in glob.glob(path + "**.dxf"):     vlayer = QgsVectorLayer(layer, 'name', 'ogr')     subLayers = vlayer.dataProvider().subLayers()     for subLayer in subLayers:         geom_type = subLayer.split(':')[1]         if geom_type == 'Point':             uri = "%s layername=entities geometrytype=%s" % (layer, geom_type,)             dxf_file_name = os.path.splitext(os.path.basename(layer))[0]             layer_name = "%s - %s" % (dxf_file_name, geom_type,)             sub_vlayer = QgsVectorLayer(uri, layer_name, 'ogr')             QgsMapLayerRegistry.instance().addMapLayer(sub_vlayer)</pre> <p>In QGIS 2.18, this code imports points from all the dxfs in the folder. In 3.0 it just triggers a series of boxes to select the CRS but then nothing imports.</p>		

#### History

##### #1 - 2018-02-28 01:03 PM - Giovanni Manghi

- Category changed from PyQGIS Console to DWG/DXF import
- Status changed from Open to Feedback

Does it work as expected in 2.18?

##### #2 - 2018-02-28 01:06 PM - PJ Lightning

Giovanni Manghi wrote:

| Does it work as expected in 2.18?

Yes. Sorry, it seems that all the code indents vanished when I saved the report.

It works as expected in 2.18. It imports the points (labels on several maps), which I can then easily merge into one shape file.

**#3 - 2018-02-28 01:07 PM - Giovanni Manghi**

- *Regression? changed from No to Yes*
- *Status changed from Feedback to Open*
- *Priority changed from Normal to High*

**#4 - 2018-02-28 08:59 PM - Nyall Dawson**

- *Status changed from Open to Closed*

Check the return value of `subLayers()`. The format is different and no longer separated by ':' characters alone.

**#5 - 2018-02-28 10:48 PM - PJ Lightning**

- *Status changed from Closed to Reopened*

Nyall Dawson wrote:

| Check the return value of `subLayers()`. The format is different and no longer separated by ':' characters alone.

Hi, could you repeat that in English, please?

The code was written for me by someone who understands coding. I have no idea what your reply means.

It worked in the last version and does not work now.

**#6 - 2018-02-28 11:12 PM - Salvatore Larosa**

- *Category changed from DWG/DXF import to Python bindings / sipify*

and you should to get an error on this line as well: `QgsMapLayerRegistry.instance().addMapLayer(sub_vlayer)`

**#7 - 2018-03-01 10:55 AM - Giovanni Manghi**

- *Status changed from Reopened to Closed*
- *Resolution set to invalid*

PJ Lightning wrote:

| Nyall Dawson wrote:

| | Check the return value of `subLayers()`. The format is different and no longer separated by ':' characters alone.

| | Hi, could you repeat that in English, please?

the code needs to be changed to work in qgis 3.

**#8 - 2018-03-01 01:09 PM - PJ Lightning**

Giovanni Manghi wrote:

*PJ Lightning wrote:*

*Nyall Dawson wrote:*

*Check the return value of subLayers(). The format is different and no longer separated by ':' characters alone.*

*Hi, could you repeat that in English, please?*

*the code needs to be changed to work in qgis 3.*

If this isn't a bug, where is the information that would explain how to alter the code?

3.0 is completely useless if the codes don't work. The download didn't include telepathic powers.

**#9 - 2018-03-03 10:57 AM - Giovanni Manghi**

*If this isn't a bug, where is the information that would explain how to alter the code?*

*3.0 is completely useless if the codes don't work. The download didn't include telepathic powers.*

??? in any software at any new major release changes are expected.