

## QGIS Application - Bug report #18180

### Python 3.5 specific internal command scandir is being used while running Python 3.4.6

2018-02-23 04:45 AM - Mark Johnson

<b>Status:</b>	Closed	
<b>Priority:</b>	Normal	
<b>Assignee:</b>	Victor Olaya	
<b>Category:</b>	Processing/Modeller	
<b>Affected QGIS version:</b>	master	<b>Regression?:</b> No
<b>Operating System:</b>	Linux, Ubuntu 14.10	<b>Easy fix?:</b> Yes
<b>Pull Request or Patch supplied:</b>	No	<b>Resolution:</b> fixed/implemented
<b>Crashes QGIS or corrupts data:</b>	No	<b>Copied to github as #:</b> 26071

#### Description

Python 3.5 specific command scandir is being used when Python 3.4 is being used.

This cause an alert when starting QGIS, but also when closing the settings Dialog.

```
AttributeError: 'module' object has no attribute 'scandir'
```

```
Traceback (most recent call last):
```

```
File ".../apps_local/qgis_320.spatialite/share/qgis/python/plugins/processing/script/ScriptAlgorithmProvider.py", line 102, in loadAlgorithms
```

```
items = os.scandir(folder)
```

```
AttributeError: 'module' object has no attribute 'scandir'
```

<https://docs.python.org/3/library/os.html#os.scandir>

New in version 3.5.

Python version: 3.4.6 (default, Oct 28 2017, 03:38:25) [GCC 4.9.1]

The external scandir for pre-3.5 was installed with:

```
python3 -m pip install scandir
```

Since only Python 3.0 is a requirement, version dependent code should offer an alternative since many non-Python users not not want to deal (yet again) with another Python error.

#### Associated revisions

Revision a554409e - 2018-02-23 09:30 AM - Alexander Bruy

[processing] don't use scandir() to get directory contents (fix #18180)

#### History

#1 - 2018-02-23 09:29 AM - Alexander Bruy

- % Done changed from 0 to 100

- Status changed from Open to Closed

Applied in changeset commit:qgis|a554409edeaf23f654ec6aa387808840152f905d.

#2 - 2018-02-23 10:38 AM - Giovanni Manghi

- Resolution set to fixed/implemented