

# QGIS Application - Bug report #4444

## Error when loading Python plugins

2011-10-26 12:49 AM - Vaclav Petras

<b>Status:</b> Closed	
<b>Priority:</b> Low	
<b>Assignee:</b>	
<b>Category:</b> Python plugins	
<b>Affected QGIS version:</b>	<b>Regression?:</b> No
<b>Operating System:</b>	<b>Easy fix?:</b> No
<b>Pull Request or Patch supplied:</b>	<b>Resolution:</b> fixed
<b>Crashes QGIS or corrupts data:</b>	<b>Copied to github as #:</b> 14376

### Description

On QGIS start-up Python error has occurred.

Message from Python error window:

```
Couldn't load plugin " from ["/home/vasek/dev/qgis/Quantum-GIS/build-master/output/bin/./python', '/home/vasek/.qgis/python', '/home/vasek/.qgis/python/plugins', '', '/usr/lib/python2.6', '/usr/lib/python2.6/plat-linux2', '/usr/lib/python2.6/lib-tk', '/usr/lib/python2.6/lib-old', '/usr/lib/python2.6/lib-dynload', '/usr/lib/python2.6/dist-packages', '/usr/lib/python2.6/dist-packages/PIL', '/usr/lib/python2.6/dist-packages/gst-0.10', '/usr/lib/pymodules/python2.6', '/usr/lib/python2.6/dist-packages/gtk-2.0', '/usr/lib/pymodules/python2.6/gtk-2.0', '/usr/lib/python2.6/dist-packages/wx-2.8-gtk2-unicode', '/usr/local/lib/python2.6/dist-packages']
```

Traceback (most recent call last):

```
File "/home/vasek/dev/qgis/Quantum-GIS/build-master/output/bin/./python/qgis/utils.py", line 117, in loadPlugin
    __import__(packageName)
```

```
File "/home/vasek/dev/qgis/Quantum-GIS/build-master/output/bin/./python/qgis/utils.py", line 283, in __import
    mod = _builtin_import(name, globals, locals, fromlist, level)
```

ValueError: Empty module name

Python version:

2.6.5 (r265:79063, Apr 16 2010, 14:15:55)

[GCC 4.4.3]

QGIS version:

1.8.0-Trunk Trunk, a8a90fe

```
Python path: ["/home/vasek/dev/qgis/Quantum-GIS/build-master/output/bin/./python', '/home/vasek/.qgis/python', '/home/vasek/.qgis/python/plugins', '', '/usr/lib/python2.6', '/usr/lib/python2.6/plat-linux2', '/usr/lib/python2.6/lib-tk', '/usr/lib/python2.6/lib-old', '/usr/lib/python2.6/lib-dynload', '/usr/lib/python2.6/dist-packages', '/usr/lib/python2.6/dist-packages/PIL', '/usr/lib/python2.6/dist-packages/gst-0.10', '/usr/lib/pymodules/python2.6', '/usr/lib/python2.6/dist-packages/gtk-2.0', '/usr/lib/pymodules/python2.6/gtk-2.0', '/usr/lib/python2.6/dist-packages/wx-2.8-gtk2-unicode', '/usr/local/lib/python2.6/dist-packages']
```

Three last debug messages from console:

```
Debug: /home/vasek/dev/qgis/Quantum-GIS/src/app/qgspluginregistry.cpp: 463: (checkCppPlugin) Failed to get name, description, or type for /home/vasek/dev/qgis/Quantum-GIS/build-master/output/bin/./lib/qgis/plugins/libwfsprovider.so
```

```
Debug: /home/vasek/dev/qgis/Quantum-GIS/src/app/qgspluginregistry.cpp: 463: (checkCppPlugin) Failed to get name, description, or type for /home/vasek/dev/qgis/Quantum-GIS/build-master/output/bin/./lib/qgis/plugins/libwmsprovider.so
```

```
Debug: /home/vasek/dev/qgis/Quantum-GIS/src/app/qgspluginregistry.cpp: 413: (restoreSessionPlugins) Loading python plugins
```

When Python list `available_plugins` is empty output `QString` from `evalString` is empty. Method `split` returns `QStringList` with one empty string, not empty list as expected, because default option is `KeepEmptyParts`. This plugin with name "" is now in list of available plugins.

The solution is call `split` with proper parameter, it is `SkipEmptyParts` (see diff).

It is harmless error. However it is not nice when it is first thing you see when you start QGIS with no Python plugins.

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## Associated revisions

### Revision d8dc04f5 - 2011-10-31 02:14 PM - Martin Dobias

Fix #4444. Patch by Vaclav Petras

### Revision 73752e61 - 2011-11-13 11:37 AM - Martin Dobias

Fix #4444. Patch by Vaclav Petras

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## History

### #1 - 2011-10-29 06:21 AM - Robin Lovelace

I'm having a similar problem in 1.7.1 (updated just now): when qgis loads I get this complaint:

Warning: loading of qgis translation failed [/usr/share/qgis/i18n//qgis\_en\_GB]

Warning: loading of qt translation failed [/usr/share/qt4/translations/qt\_en\_GB]

Warning: Couldn't load Python support library: Cannot load library /usr/lib/qgispython: (/usr/lib/libqgispython.so: cannot open shared object file: No such file or directory)

I've seen this ticketed elsewhere (here <http://trac.osgeo.org/qgis/ticket/2882>) but I don't know how to include the patch in my install. Is a fresh install a possible solution?

### #2 - 2011-10-29 06:23 AM - Robin Lovelace

P.S. I'm running Oneric 64 bit.

### #3 - 2011-10-29 07:43 AM - Giovanni Manghi

Robin Lovelace wrote:

| *P.S. I'm running Oneric 64 bit.*

There are no problems under Oneiric 64bit (I'm using it too), you just probably have some conflict with and old installation/repo. Try purge everything qgis related and re-install again.

### #4 - 2011-10-31 06:19 AM - Martin Dobias

Patch applied in commit:d8dc04f - thanks for contributing it.

Robin: your problem is unrelated, your installation may be incorrect.

**#5 - 2011-10-31 06:19 AM - Martin Dobias**

- *Resolution set to fixed*

- *Status changed from Open to Closed*

**Files**

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qgis_loading_python_plugins.diff	817 Bytes	2011-10-25	Vaclav Petras
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