

QGIS Application - Bug report #4444

Error when loading Python plugins

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

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

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

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