

## QGIS Application - Bug report #8295

### Installation of an experimental plugin (LecoS) crashes the plugin manager

2013-07-14 03:05 AM - Asier Sarasua

<b>Status:</b>	Closed	
<b>Priority:</b>	Normal	
<b>Assignee:</b>	Borys Jurgiel	
<b>Category:</b>	Plugin Manager	
<b>Affected QGIS version:</b>	master	<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> 17091
<b>Description</b>		
<p>Steps:</p> <ol style="list-style-type: none"><li>1. Open QGIS</li><li>2. Go to "Plugins -&gt; Manage and Install Plugins"</li><li>3. Mark "Show also experimental plugins" in "Settings"</li><li>4. Search for "LecoS" in "Get more"</li><li>5. Install plugin</li><li>6. A warning appears: "Please install scipy (<a href="http://scipy.org/">http://scipy.org/</a>) in your QGIS Python path."</li><li>7. An error message appears, related to <code>pyplugin_installer.instance().installPlugin('LecoS')</code>, see "LecoS installation error 1.txt"</li><li>8. The GUI apparently freezes, but I am able to close QGIS</li><li>9. Open QGIS</li><li>10. The scipy warning again</li><li>11. Another error related this time to <code>pyplugin_installer.initPluginInstaller()</code>, see see "LecoS installation error 2.txt"</li><li>12. A third error related to <code>pyplugin_installer.instance().showPluginManagerWhenReady()</code></li><li>13. Go to "Plugins -&gt; Manage and Install Plugins". The plugin manager doesn't open.</li></ol> <p>Workaround to get the plugin manager again: remove the "LecoS" folder in ".qgis2\python\plugins"</p>		

#### Associated revisions

**Revision 7a7e5427 - 2013-07-15 04:34 PM - Borys Jurgiel**

[Plugin Installer] Handle all exception types when loading plugins. Fixes #8295. Breaks string freeze because it's a critical fix.

#### History

**#1 - 2013-07-14 03:07 AM - Asier Sarasua**

OS: Windows XP

**#2 - 2013-07-14 03:09 AM - Asier Sarasua**

Sorry, the steps 12 an 13 are in the wrong order:

12. Go to "Plugins -> Manage and Install Plugins". The plugin manager doesn't open.

13. A third error related to `pyplugin_installer.instance().showPluginManagerWhenReady()`

**#3 - 2013-07-14 10:36 AM - Giovanni Manghi**

- Category set to *Plugin Manager*
- Assignee set to *Borys Jurgiel*

Does this issue affects any plugin with a missing dependency or it is LecoS specific?

**#4 - 2013-07-14 01:13 PM - Asier Sarasua**

I have installed the rest of the plugins (also the experimental ones) offered by the official plugin repository.

The only issue has been with Multitemporal Analyzer, which has warned me it is only compatible with QGIS 1.x, but I have accepted the installation and now I have it in a new section of the plugin manager called "Invalid". That doesn't affect the behaviour of the plugin manager window, like LecoS does.

**#5 - 2013-07-15 02:15 AM - Martin Jung**

It might have sth. to do with the mandatory dependency scipy, which definitely has to be installed in your QGIS path.

To see if it is available just go to Plugins -> Python Console and enter

```
import scipy
scipy.version.version
```

This should give you an output of the version number without issues or import errors, otherwise you need to install scipy again.

I don't know however, why the QGIS plugin manager doesn't open anymore. This behavior didn't occur with the old plugin configuration dialog.

EDIT:

When looking into the second error file i found that the `sys.exit(0)` command is raised. This happens because of this check-routine at the start of the plugin.

```
try:
    import scipy
except ImportError:
    QMessageBox.critical(QDialog(), "LecoS: Warning", "Please install scipy (http://scipy.org/) in your QGIS python path.")
    sys.exit(0)
```

You need to install scipy.

**#6 - 2013-07-15 07:34 AM - Borys Jurgiel**

- Status changed from *Open* to *Closed*

Fixed in changeset commit:"7a7e5427061037dc15381f7b78ea4b47045cf96c".

**#7 - 2013-07-15 07:38 AM - Borys Jurgiel**

Thanks a lot for the investigation. The installer wasn't prepared to intercept raw exits from plugins. Now it should be safe. Btw. I've opened a ticket for

#8 - 2013-07-15 07:39 AM - Borys Jurgiel  
- Resolution set to fixed

#9 - 2013-07-15 12:13 PM - Asier Sarasua

Thank you Boris.

#10 - 2013-07-15 12:13 PM - Asier Sarasua

Sorry, Borys. ;)

Files			
LecoS_installation_error_1.txt	3.33 KB	2013-07-14	Asier Sarasua
LecoS_installation_error_2.txt	3.47 KB	2013-07-14	Asier Sarasua
LecoS_installation_error_3.txt	3.65 KB	2013-07-14	Asier Sarasua