

## QGIS Application - Bug report #16238

### Loading a plugin that adds to the processing plugin does not work correctly

2017-02-27 01:58 AM - Ari Jolma

<b>Status:</b> Closed	
<b>Priority:</b> Normal	
<b>Assignee:</b> Victor Olaya	
<b>Category:</b> Processing/Core	
<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> not reproducible
<b>Crashes QGIS or corrupts data:</b>	<b>Copied to github as #:</b> 24148

#### Description

Loading a plugin that adds to the processing plugin leads to a keyerror:

Traceback (most recent call last):

```
File "/home/ajolma/usr/share/qgis/python/plugins/processing/gui/ProcessingToolbox.py", line 320, in addProvider
    providerItem = TreeProviderItem(provider_id, self.algorithmTree, self)
File "/home/ajolma/usr/share/qgis/python/plugins/processing/gui/ProcessingToolbox.py", line 383, in __init__
    self.populate()
File "/home/ajolma/usr/share/qgis/python/plugins/processing/gui/ProcessingToolbox.py", line 395, in populate
    provider = algList.algs[self.provider_id]
KeyError: 'perl'
```

This is probably due to a bug in core/alglist.py, where the provider is added to processing registry before adding it to the algs hash, leading to a chicken-and-egg type of problem.

The bug is not fatal since the plugin gets loaded and once it is activated in the processing options (a deactivate - activate cycle is needed), it is ok.

In addition, I did not get the `_loadAlgorithms` method of the provider to execute via any other way than through an unload-load-deactivate-activate cycle.

#### History

##### #1 - 2017-02-27 02:01 AM - Ari Jolma

I forgot to mention that the plugin initially loads ok. This bug happens only when one unloads + loads the plugin, which I had to do to invoke the refreshing of the algorithm list.

##### #2 - 2017-05-01 01:01 AM - Giovanni Manghi

- Easy fix? set to No
- Regression? set to No

##### #3 - 2018-02-02 09:10 AM - Alexander Bruy

- Description updated
- Status changed from Open to Feedback

Still true in latest master?

**#4 - 2018-02-22 12:32 PM - Giovanni Manghi**

- *Status changed from Feedback to Closed*

- *Resolution set to not reproducible*

Closing for lack of feedback, please reopen if necessary.

**#5 - 2018-02-22 01:31 PM - Arnaud Morvan**

There is no more "algList" in source code, registry should be used everywhere now, so this should not append anymore.