

QGIS Application - Bug report #16042

In standalone python script `from qgis._core import *` produces `ImportError: DLL load failed: The specified module could not be found`

2017-01-05 08:16 AM - Raphael Dumas

Status:	Closed	
Priority:	Normal	
Assignee:		
Category:	Python plugins	
Affected QGIS version:	2.14.9	Regression?: No
Operating System:	Windows 7	Easy fix?: No
Pull Request or Patch supplied:	No	Resolution:
Crashes QGIS or corrupts data:	No	Copied to github as #: 23957
Description		
<p>In Windows 7 x64 SP1 using Python 2.7 x64, I installed QGIS 2.14.9 from the standalone x64 installer. I was trying to set up a python virtual environment to develop standalone app (http://gis.stackexchange.com/a/223325/36886). I added the following paths to a .pth file in the environment's site-packages:</p> <pre>C:\\Program Files\\QGIS Essen\\apps\\qgis-ltr\\python C:\\Program Files\\QGIS Essen\\apps\\Python27\\ C:\\Program Files\\QGIS Essen\\apps\\Python27\\Lib\\ C:\\Program Files\\QGIS Essen\\apps\\Python27\\Lib\\site-packages C:\\Program Files\\QGIS Essen\\bin C:\\Program Files\\QGIS Essen\\include C:\\Program Files\\QGIS Essen\\apps\\qgis-ltr\\bin</pre> <p>But when I type <code>from qgis.core import *</code>, python tries to import <code>qgis._core</code> and fails with</p> <pre>ImportError: DLL load failed: The specified module could not be found</pre> <p>Having a look at the <code>qgis/_core.pyd</code> file with DependencyWalker produces the attached output image</p>		

History

#1 - 2017-01-05 08:41 AM - Raphael Dumas

Sorry, fired off this issue a little prematurely.

I resolved the import error by adding the following to my PATH variable.

```
C:\\Program Files\\QGIS Essen\\apps\\qgis-ltr\\bin
C:\\Program Files\\QGIS Essen\\bin
```

Though I would highlight that just adding `C:\\Program Files\\QGIS Essen`, as the documentation suggested, didn't work.

http://docs.qgis.org/2.14/en/docs/pyqgis_developer_cookbook/intro.html#running-custom-applications

#2 - 2017-01-10 01:32 AM - Matthias Kuhn

- Status changed from Open to Closed

Thanks for posting this followup.

Would you mind improving the description in the cookbook?

It should be trivial to create a improvement proposal (pull request) using the online editor here:
https://github.com/qgis/QGIS-Documentation/blob/master/source/docs/pyqgis_developer_cookbook/intro.rst

Thank you in advance!

Files

dp_walker_qgis.PNG	27.3 KB	2017-01-05	Raphael Dumas
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