

# QGIS Application - Bug report #21161

## scipy import in PyQGIS throws traceback

2019-02-04 12:47 PM - Jochen Schwarze

<b>Status:</b> Rejected	
<b>Priority:</b> High	
<b>Assignee:</b>	
<b>Category:</b> PyQGIS Console	
<b>Affected QGIS version:</b> 3.4.0	<b>Regression?:</b> Yes
<b>Operating System:</b> Windows 10	<b>Easy fix?:</b> No
<b>Pull Request or Patch supplied:</b>	<b>Resolution:</b> wontfix
<b>Crashes QGIS or corrupts data:</b>	<b>Copied to github as #:</b> 28979

### Description

This affects both PyQGIS console and plugins in 2.18.28 LTR, both installed from OSGeo4W and standalone installer. I think this is a regression, because I did not observe this in 2.18.26 LTR.

Note that I selected QGIS 3.4.0 as affected version because LTR is not available here and without this this issue cannot be submitted. QGIS 3 is NOT AFFECTED!

Trying to

```
import scipy
```

throws the following traceback:

Traceback (most recent call last):

```
File "<input>", line 1, in <module>
```

```
File "C:/OSGEO4~1/apps/qgis-ltr/.python\qgis\utils.py", line 607, in _import
```

```
mod = _builtin_import(name, globals, locals, fromlist, level)
```

```
File "C:/OSGEO4~1/apps/Python27\lib\site-packages\scipy\__init__.py", line 61, in <module>
```

```
from numpy._distributor_init import NUMPY_MKL # requires numpy+mkl
```

```
ImportError: cannot import name NUMPY_MKL
```

In the LTR installed via OSGeo4W I can downgrade python-scipy library from 0.19.0-1 to 0.14.0-1. This attempt seems to work at first sight, but when I try to

```
from scipy import cluster
```

I get another traceback:

Traceback (most recent call last):

```
File "<input>", line 1, in <module>
```

```
File "C:/OSGEO4~1/apps/qgis-ltr/.python\qgis\utils.py", line 607, in _import
```

```
mod = _builtin_import(name, globals, locals, fromlist, level)
```

```
File "C:/OSGEO4~1/apps/Python27\lib\site-packages\scipy\cluster\__init__.py", line 27, in <module>
```

```
from . import vq, hierarchy
```

```
File "C:/OSGEO4~1/apps/qgis-ltr/.python\qgis\utils.py", line 607, in _import
```

```
mod = _builtin_import(name, globals, locals, fromlist, level)
```

```
File "C:/OSGEO4~1/apps/Python27\lib\site-packages\scipy\cluster\hierarchy.py", line 176, in <module>
```

```
import scipy.spatial.distance as distance
```

```
File "C:/OSGEO4~1/apps/qgis-ltr/.python\qgis\utils.py", line 607, in _import
```

```
mod = _builtin_import(name, globals, locals, fromlist, level)
```

```
File "C:\OSGEO4~1\apps\Python27\lib\site-packages\scipy\spatial\__init__.py", line 91, in <module>
  from .qhull import *
File "C:\OSGEO4~1\apps\qgis-ltr\python\qgis\utils.py", line 607, in _import
  mod = _builtin_import(name, globals, locals, fromlist, level)
ImportError: DLL load failed: Das angegebene Modul wurde nicht gefunden.
```

As a consequence none of my plugins that make use of `scipy.cluster` work. It crashes the plugins loaded at startup, that's because I marked 'Crashes QGIS or corrupts data'.

## History

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**#1 - 2019-02-04 01:02 PM - Nyal Dawson**

- *Resolution set to wontfix*
- *Status changed from Open to Rejected*

Qgis 2.18 is no longer supported