

# from scipy.misc import imread 报错原因

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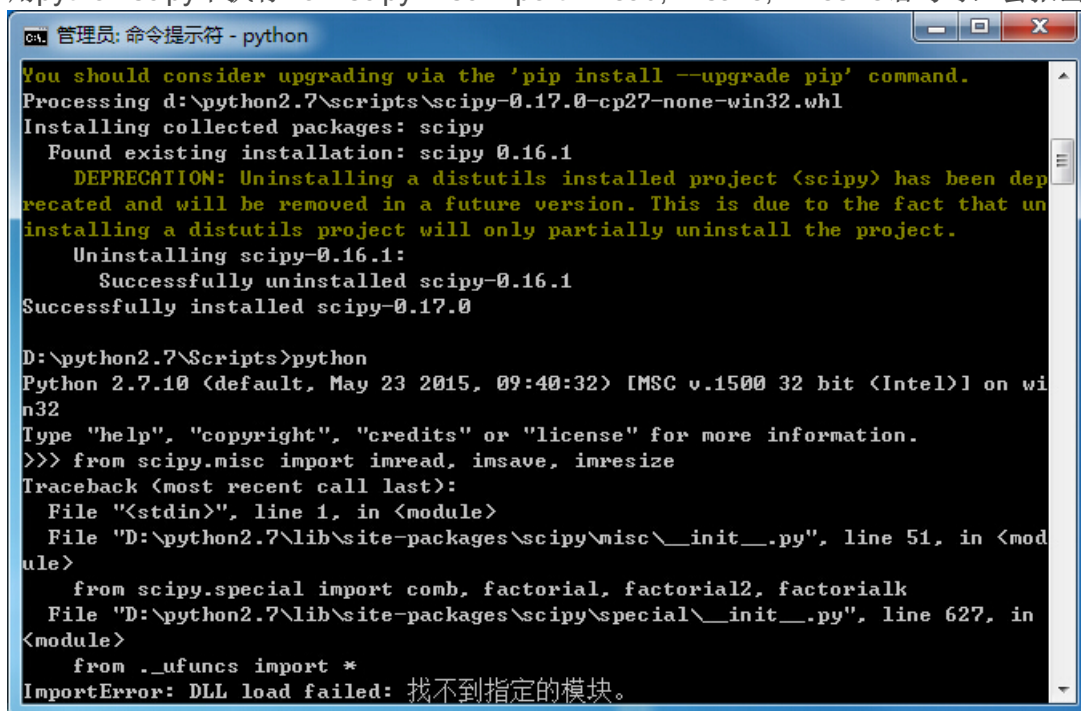


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用python scipy中执行from scipy.misc import imread, imsave, imresize语句时, 会报出如下错误



```
管理员: 命令提示符 - python
You should consider upgrading via the 'pip install --upgrade pip' command.
Processing d:\python2.7\scripts\scipy-0.17.0-cp27-none-win32.whl
Installing collected packages: scipy
  Found existing installation: scipy 0.16.1
    DEPRECATION: Uninstalling a distutils installed project (scipy) has been deprecated and will be removed in a future version. This is due to the fact that uninstalling a distutils project will only partially uninstall the project.
  Uninstalling scipy-0.16.1:
    Successfully uninstalled scipy-0.16.1
Successfully installed scipy-0.17.0

D:\python2.7\Scripts>python
Python 2.7.10 (default, May 23 2015, 09:40:32) [MSC v.1500 32 bit (Intel)] on win32
Type "help", "copyright", "credits" or "license()" for more information.
>>> from scipy.misc import imread, imsave, imresize
Traceback (most recent call last):
  File "<stdin>", line 1, in <module>
    File "D:\python2.7\lib\site-packages\scipy\misc\_init__.py", line 51, in <module>
      from scipy.special import comb, factorial, factorial2, factorialk
    File "D:\python2.7\lib\site-packages\scipy\special\_init__.py", line 627, in <module>
      from ._ufuncs import *
ImportError: DLL load failed: 找不到指定的模块。
```

然后找到<http://www.lfd.uci.edu/~gohlke/pythonlibs/#numpy>中安装scipy的界面, 发现安装scipy需要numpy+mkl和pillow

## 1. 安装pillow

同样在上面的链接中找到pillow, 因为我的电脑是64位且是python3.7, 所以我下载了Pillow-5.2.0-cp37-cp37m-win\_amd64.whl 将文件放在D:\python3.7\Scripts中

在cmd中输入pip3 install Pillow-5.2.0-cp37-cp37m-win\_amd64.whl

2. 执行完后检验, 发现还是报错, 以为是scipy的问题, 重新下载安装还是不行, 于是又看了scipy的安装需要, 发现需要numpy+mkl (注意! 是mkl啊! )。 Requires [numpy+mkl](#) and optionally [pillow](#).

Install [numpy+mkl](#) before installing scipy. 请不要错装成numpy+vanilla。这一点相当重要啊, 要看清楚需要的文件。

## 3. 重新安装numpy

同样在上面的链接中找到numpy, 因为我的电脑是64位且是python3.7, 所以我下载了numpy-1.15.1+mkl-cp37-cp37m-win\_amd64.whl 将文件放在D:\python3.7\Scripts中

在cmd中输入pip3 install numpy-1.15.1+mkl-cp37-cp37m-win\_amd64.whl

系统会自动将旧的删除, 安装新的

4. 重新进入python, 输入from scipy.misc import imread, imsave, imresize, 发现成功了!!!

```
管理员: 命令提示符 - python
B 23kB/s
Collecting six>=1.7.3 (from scikit-image==0.12.3)
  Downloading six-1.10.0-py2.py3-none-any.whl
Requirement already satisfied (use --upgrade to upgrade): pillow>=2.1.0 in d:\python2.7\lib\site-packages (from scikit-image==0.12.3)
Collecting decorator>=3.4.0 (from networkx>=1.8->scikit-image==0.12.3)
  Downloading decorator-4.0.9-py2.py3-none-any.whl
Requirement already satisfied (use --upgrade to upgrade): numpy in d:\python2.7\lib\site-packages (from dask[array]>=0.5.0->scikit-image==0.12.3)
Collecting toolz>=0.7.2 (from dask[array]>=0.5.0->scikit-image==0.12.3)
  Downloading toolz-0.7.4.tar.gz
Installing collected packages: decorator, networkx, toolz, dask, six, scikit-image
  Running setup.py install for toolz ... done
  Running setup.py install for dask ... done
Successfully installed dask-0.8.1 decorator-4.0.9 networkx-1.11 scikit-image-0.12.3 six-1.10.0 toolz-0.7.4

D:\python2.7\Scripts>python
Python 2.7.10 (default, May 23 2015, 09:40:32) [MSC v.1500 32 bit (Intel)] on win32
Type "help", "copyright", "credits" or "license" for more information.
>>> from scipy.misc import imread, imsave, imresize
>>>
>>>
```