How to upgrade scikit-learn package in anaconda
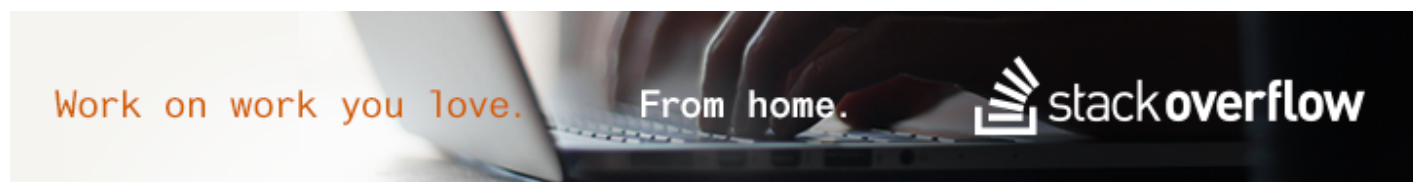
I am trying to upgrade package of scikit-learn from 0.16 to 0.17. For that I am trying to use binaries from this website: http://www.lfd.uci.edu/~gohlke/pythonlibs/#scikit-learn. I have Windows 7 x64 bit. I downloaded the relevant package locally and gave following commands and got Requirement already up-to-date:

```
C:\Users\skumar>pip install --upgrade --use-wheel --no-index --find-links=../../
SOURCE/APPS scikit-learn
Ignoring indexes: https://pypi.python.org/simple
Requirement already up-to-date: scikit-learn in c:\anaconda3\lib\site-packages
```

Then I tried to upgrade it from remote site and got similar result:

```
C:\Users\skumar>pip install --upgrade --use-wheel --no-index --trusted-host www.
lfd.uci.edu --find-links=http://www.lfd.uci.edu/~gohlke/pythonlibs/ scikit-learn

Ignoring indexes: https://pypi.python.org/simple
Requirement already up-to-date: scikit-learn in c:\anaconda3\lib\site-packages
```

On Remote site there are two versions i.e., 0.16 & 0.17. Is there a way to specify version in command? Or how do you install/upgrade wheel file?

python   scikit-learn

asked Nov 12 '15 at 19:42

Sanoj
100   1   8

2 Answers

I would suggest using conda. Conda is an anconda specific package manager. If you want to know more about conda, read the conda docs.

Using conda in the command line, the command below would install scipy 0.17.

```
conda install scipy=0.17.0
```

answered Nov 12 '15 at 19:49

Austin A
834   2   9   23

When I did this and wrote a simple statement import sklearn I am getting this error: DLL load failed, Access is denied. The reason given is something like this: ERROR: An unexpected error occurred while tokenizing input The following traceback may be corrupted or invalid The error message is: ('EOF in multi-line string', (1, 2)) – Sanoj Nov 12 '15 at 20:48

Like @jakedvp mentioned in his comment, you need to make sure you have the correct permissions set for your anaconda directory. To check this, go to the directory containing anaconda and type `ls -l` . Find anaconda and look at the left most column where permissions are defined for user, groups, and others. It should look something like this `drwxr-xr-x` . What you should care about are the first the characters, these are your permissions for that directory as a user. – Austin A Nov 13 '15 at 15:40
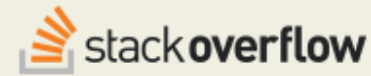
Anaconda comes with the `conda` package manager which is designed to handle these kinds of upgrades. Start by updating conda itself to get the most recent package lists:

```
conda update conda
```

And then install the version of scikit-learn you want

```
conda install scikit-learn=0.17
```

All necessary dependencies will be upgraded as well. If you have trouble with conda on Windows, there are some relevant FAQ here: http://docs.continuum.io/anaconda/faq

answered Nov 12 '15 at 19:57

jakevdp
6,133   7   17

Thanks. I did that and when I executed "import sklearn" then I got this error: DLL load failed: Access is denied. Then I uninstalled sklearn by command conda remove scikit-learn and installed it again. I am still getting this error. I am using Python 3.4.3 |Anaconda 2.3.0 (64-bit)| – Sanoj Nov 12 '15 at 20:29

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1   You probably have a permissions issue in the directory where anaconda is installed: you should make sure users have read/execute permissions. – jakevdp Nov 12 '15 at 21:10