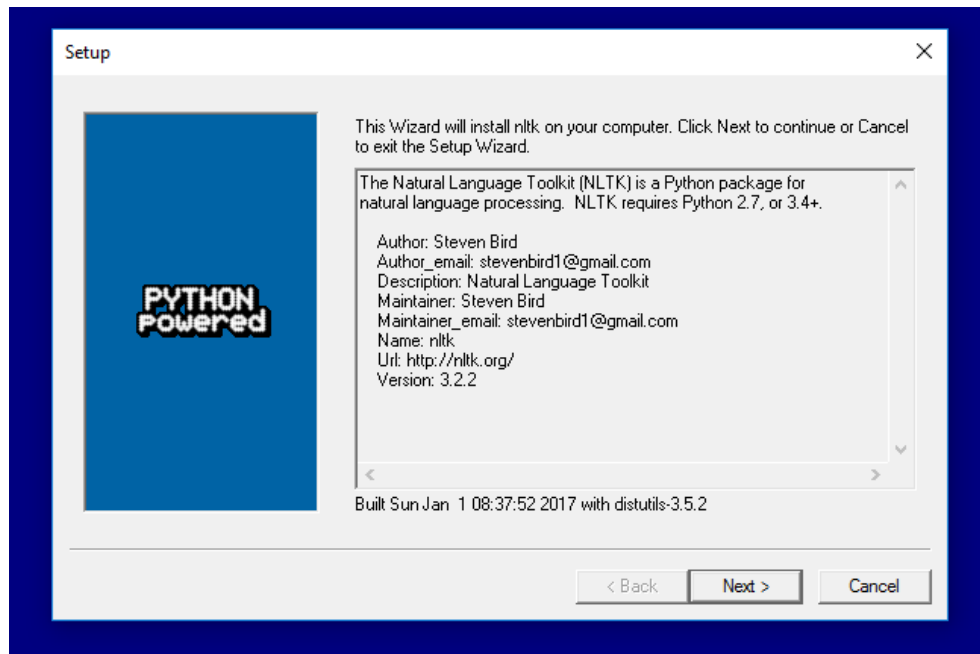


# NLTK Installation Instructions

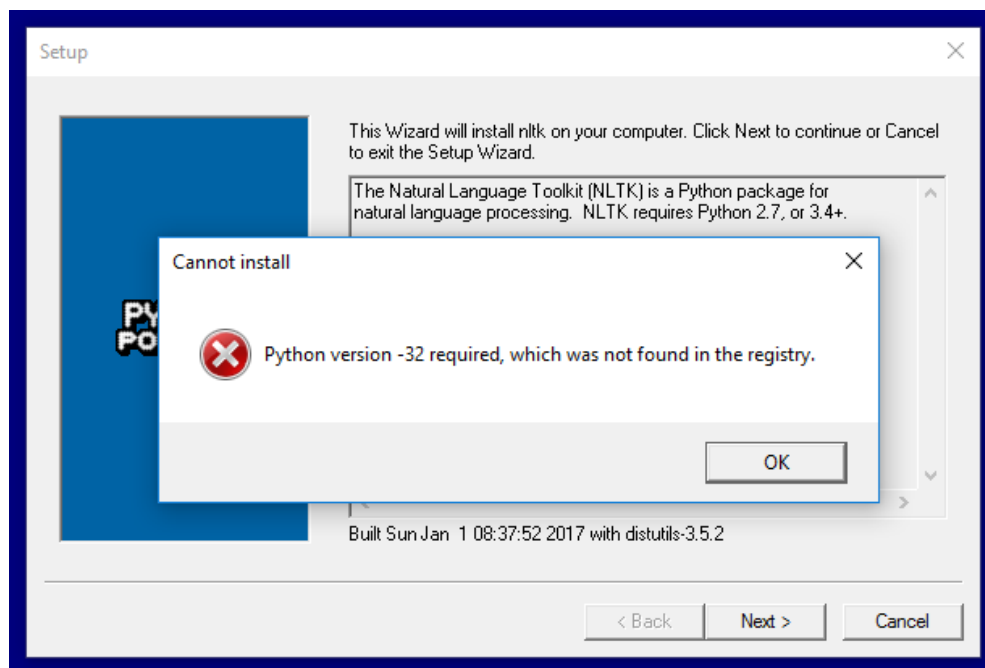
## Windows Installation using executable file

### Method 1:

**Step 1:** Download the NLTK exe file from the link given in italeem. Execute the file and click “Next”.



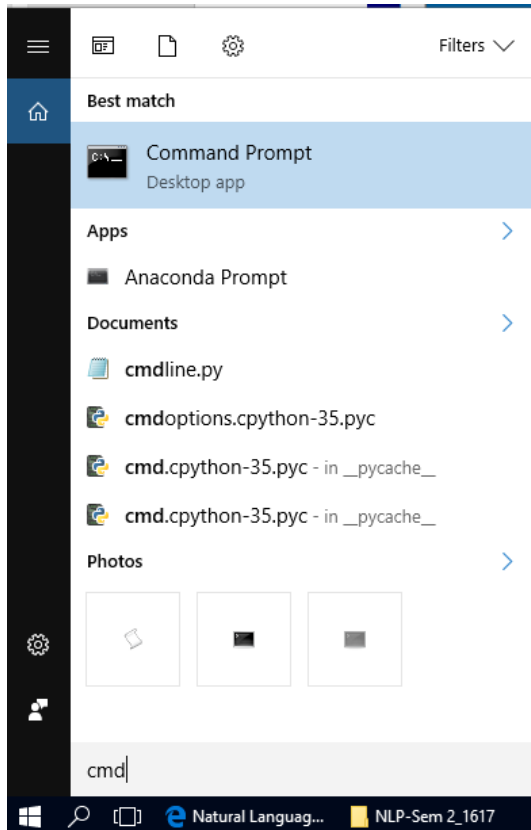
If you get the following error, proceed to **Method 2** given on the next page.



## Windows installation using command prompt and “pip”.

### Method 2:

**Step 1:** Open your command prompt by typing “cmd” through your “search” utility:



### Step 2:

First, determine in which directory your Python software is installed and go to that directory.

Use ‘cd X’ to change to X directory or ‘cd..’ to go to a lower level directory from the current default directory.

If you have Python version 3.4++ installed, you may use the ‘pip’ command (usually comes together with Python 3.X) to install NLTK through the directory where python is installed.

‘**pip**’ is a package management system used to install and manage software packages written in **Python**.

Type the following command in the current Python directory:

```

C:\Users\RAGS 12-006-0006\AppData\Local\Programs>cd Python
C:\Users\RAGS 12-006-0006\AppData\Local\Programs\Python>cd Python35-32
C:\Users\RAGS 12-006-0006\AppData\Local\Programs\Python\Python35-32>pip install -U nltk
Collecting nltk
  Downloading nltk-3.2.2.tar.gz (1.2MB)
    100% |#####| 1.2MB 1.0MB/s
Collecting six (from nltk)
  Downloading six-1.10.0-py2.py3-none-any.whl
Installing collected packages: six, nltk
Running setup.py install for nltk ... done
Successfully installed nltk-3.2.2 six-1.10.0
You are using pip version 8.1.1, however version 9.0.1 is available.
You should consider upgrading via the 'python -m pip install --upgrade pip' command.

```

If using Linux/Mac and you are not the admin, add 'sudo' before pip to change to super user/admin → **sudo pip install -U nltk**

If you get the following error when trying to use "pip", you may have installed a lower version of Python which is not pre-installed with "pip".

```

C:\Python34>pip install -U nltk
'pip' is not recognized as an internal or external command,
operable program or batch file.

```

You may install "pip" using the following command, then retry the NLTK installation using pip:

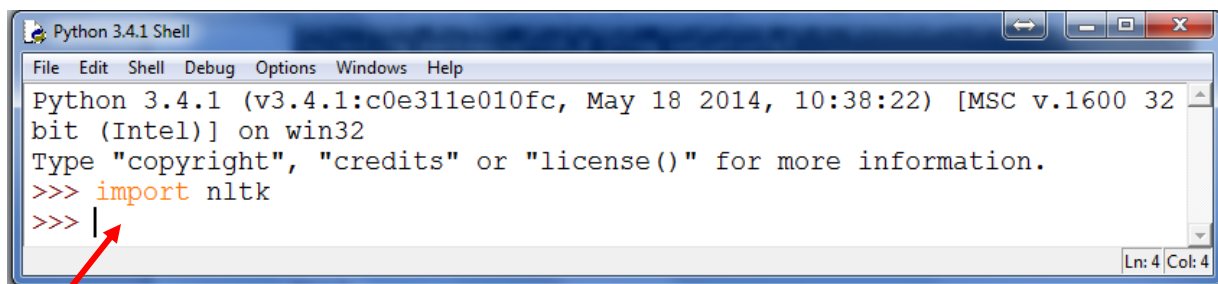
```

C:\Python34>
C:\Python34>python -m pip install -U pip setuptools
Requirement already up-to-date: pip in c:\python34\lib\site-packages
Requirement already up-to-date: setuptools in c:\python34\lib\site-packages
Collecting packaging>=16.8 (from setuptools)
  Downloading packaging-16.8-py2.py3-none-any.whl
Collecting appdirs>=1.4.0 (from setuptools)
  Downloading appdirs-1.4.0-py2.py3-none-any.whl
Collecting six>=1.6.0 (from setuptools)
  Downloading six-1.10.0-py2.py3-none-any.whl
Collecting pyparsing (from packaging>=16.8->setuptools)
  Downloading pyparsing-2.1.10-py2.py3-none-any.whl (56kB)
    100% |#####| 61kB 130kB/s
Installing collected packages: six, pyparsing, packaging, appdirs
Successfully installed appdirs-1.4.0 packaging-16.8 pyparsing-2.1.10 six-1.10.0

```

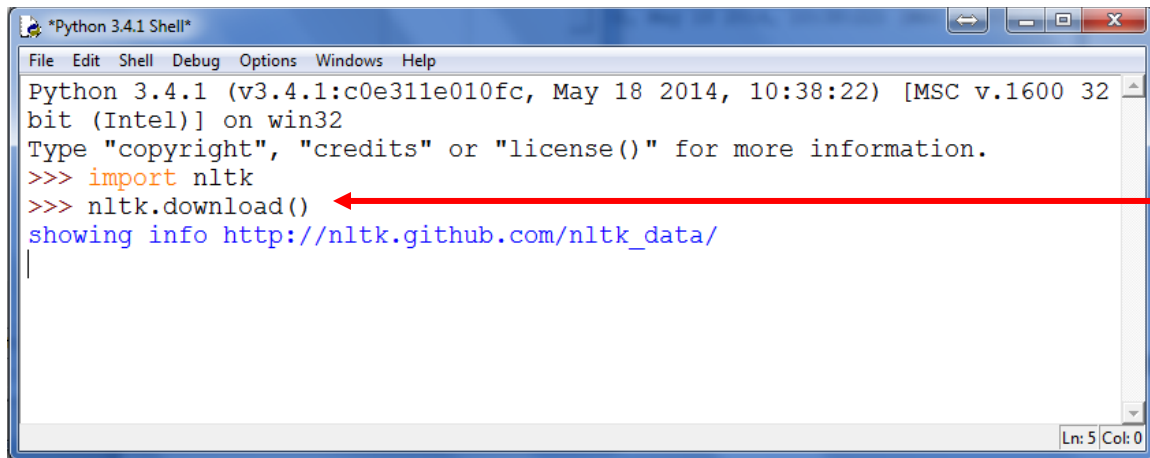
### Step 3:

To check if your NLTK package has been successfully installed, open your Python interpreter and type "import NLTK". You should see a new prompt with no error messages:



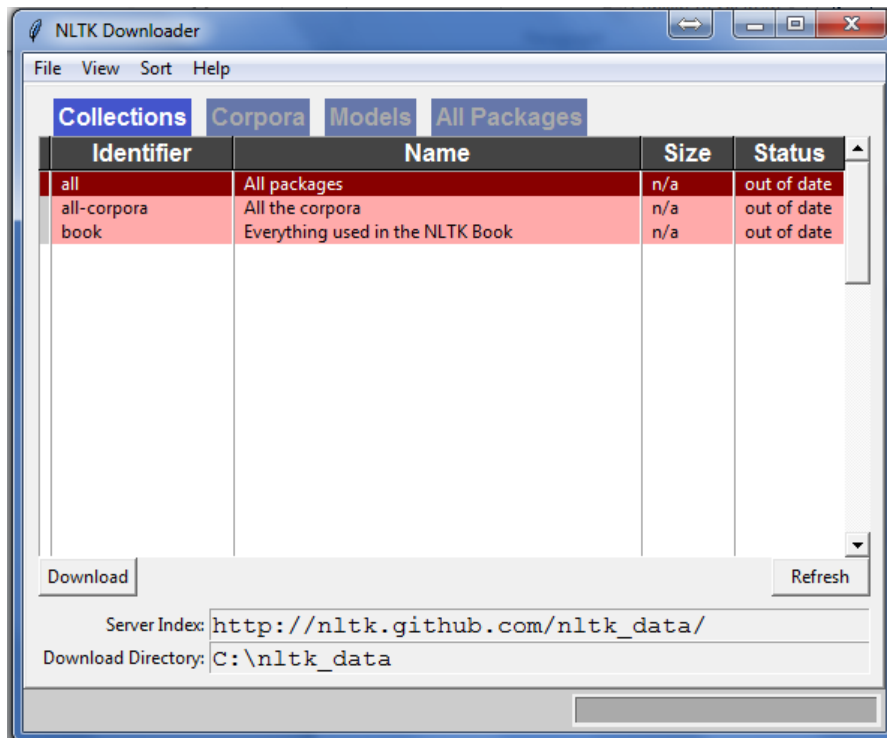
#### Step 4:

Next, download and install NLTK data by typing the command, `nltk.download()`.



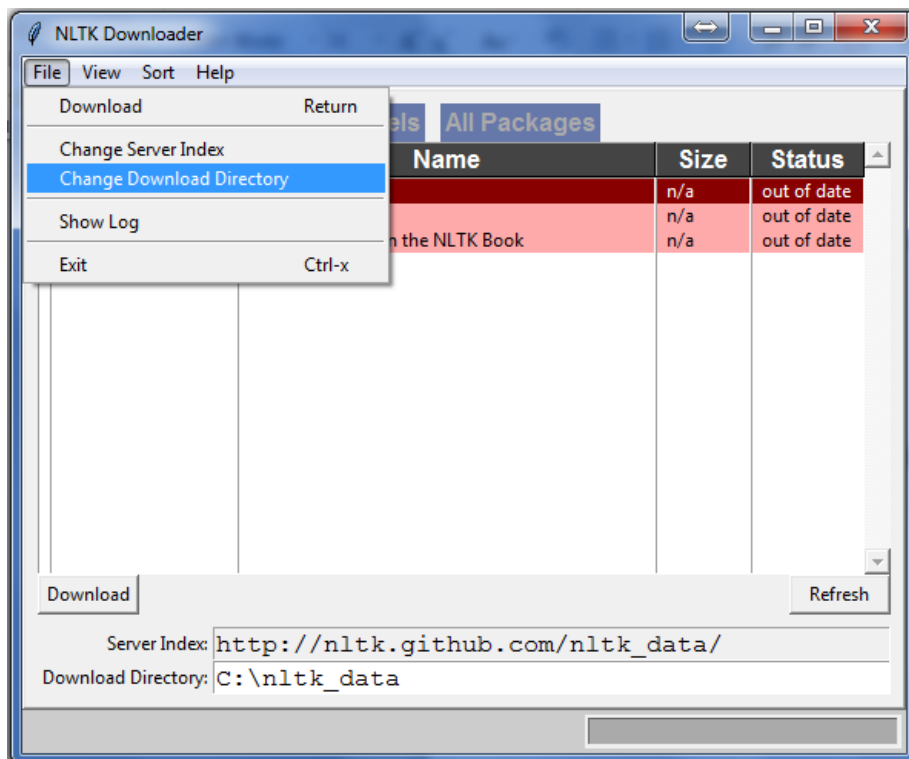
```
*Python 3.4.1 Shell*
File Edit Shell Debug Options Windows Help
Python 3.4.1 (v3.4.1:c0e311e010fc, May 18 2014, 10:38:22) [MSC v.1600 32
bit (Intel)] on win32
Type "copyright", "credits" or "license()" for more information.
>>> import nltk
>>> nltk.download()
showing info http://nltk.github.com/nltk_data/
|
```

An NLTK Downloader window will pop up (please ignore the 'out-of-date' status):



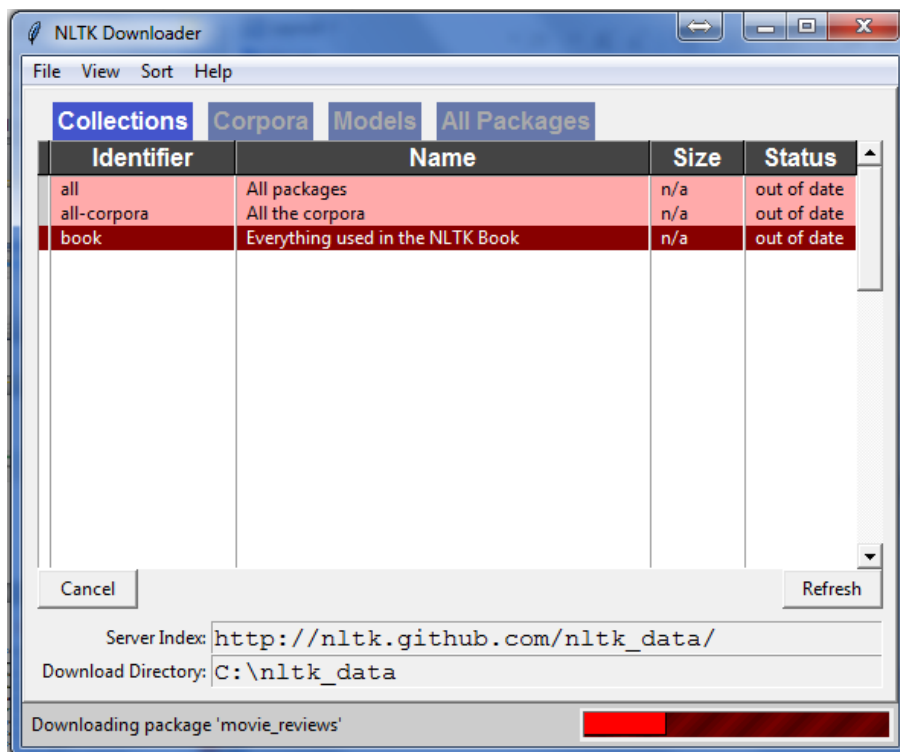
#### Step 5:

Click on the **File** menu and select 'Change Download Directory' or leave the default directory as `C:\nltk_data` or type `/usr/share/nltk_data` for **Mac/Unix** installation.

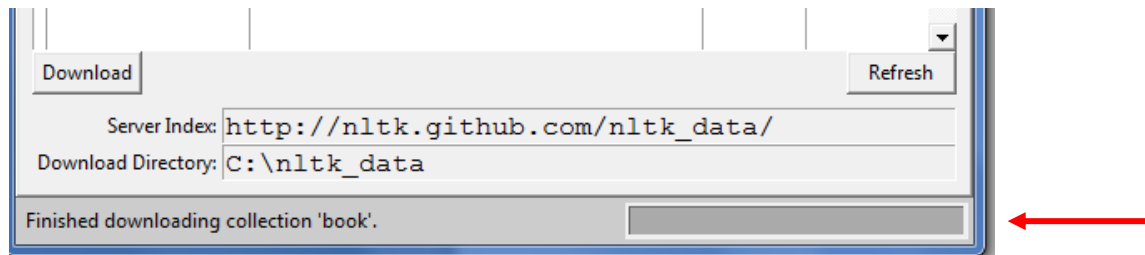


### Step 6:

Next, select 'book' from the list (everything used in the NLTK book) and click "Download". You should see the downloading package status at the bottom of the window:



Once the 'book' collection has finished downloading, you should see the following message at the bottom of the NLTK Downloader window:



### Step 7:

Close the NLTK Downloader window. Go back to your interpreter and test your NLTK data by typing the following command:

```
>>> from nltk.corpus import brown
>>> brown.words()
['The', 'Fulton', 'County', 'Grand', 'Jury', 'said', ...]
```

If you get the above results, this means that you have successfully installed your NLTK data and your NLTK is now complete. Good job! 🍌