










# DOWNLOAD + INSTALL BEAUTIFUL SOUP (For Mac)

## STEP 1: DOWNLOAD BEAUTIFULSOUP

- Visit <http://www.crummy.com/software/BeautifulSoup/#Download>
- Click the link in the Downloads section (Beautiful Soup 4.4.1)
- We want the latest version, so select the 4.4.1 version as shown below:

<u>Name</u>	<u>Last modified</u>	<u>Size</u>	<u>Description</u>
 <a href="#">Parent Directory</a>		-	
 <a href="#">4.0/</a>	2012-05-29 17:31	-	
 <a href="#">4.1/</a>	2013-05-14 13:50	-	
 <a href="#">4.2/</a>	2013-05-31 13:57	-	
 <a href="#">4.3/</a>	2014-10-03 19:16	-	
 <a href="#">4.4/</a>	2015-09-29 00:24	-	

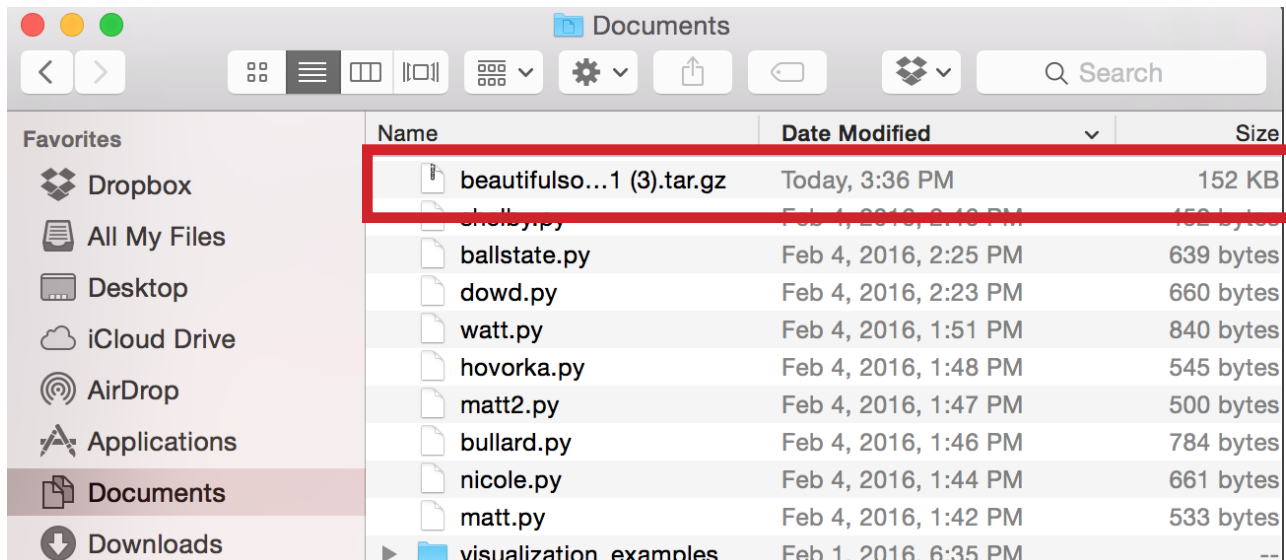
*Apache/2.4.7 (Ubuntu) mod\_wsgi/3.4 Python/2.7.6 Server at www.crummy.com Port 80*

<u>Name</u>	<u>Last modified</u>	<u>Size</u>	<u>Description</u>
 <a href="#">Parent Directory</a>		-	
 <a href="#">beautifulsoup4-4.4.0.tar.gz</a>	2015-07-03 15:26	148K	
 <a href="#">beautifulsoup4-4.4.1.tar.gz</a>	2015-09-29 00:24	149K	

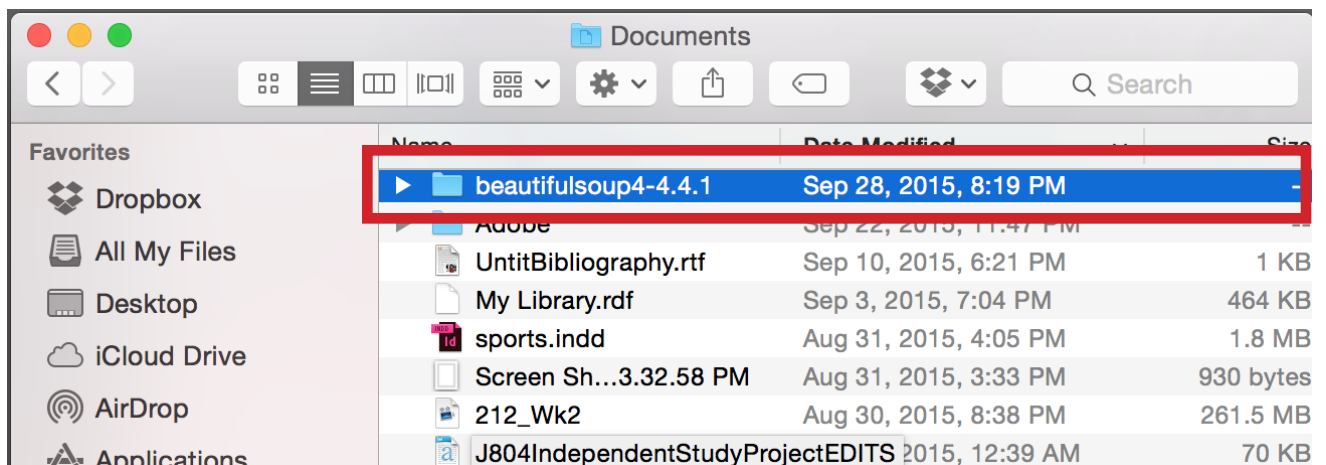
*Apache/2.4.7 (Ubuntu) mod\_wsgi/3.4 Python/2.7.6 Server at www.crummy.com*

## STEP 2: MOVE TO DOCUMENTS + UNZIP


- In Step 4 we are going to use the terminal to install BeautifulSoup. That means we need to know where it is on our computer. Let's move it to the Documents folder so we can keep track of it.

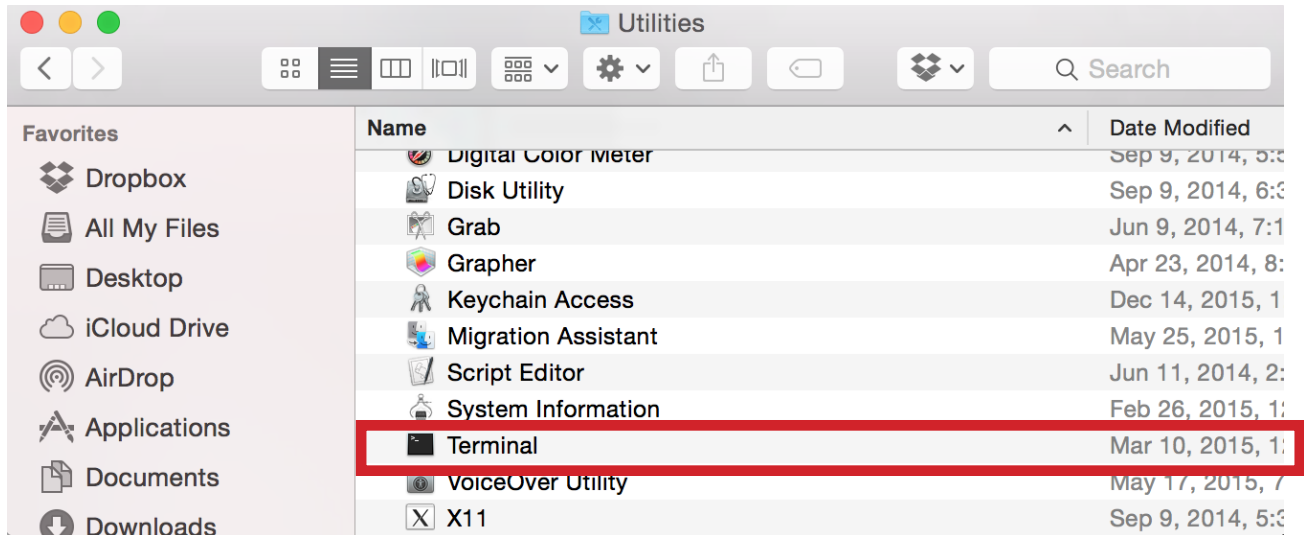


- Once you've put the .tar.gz file in your Documents folder, double click it to unzip it. You will know if you are successful at unzipping the file if your Documents folder now has the folder below in it (which is the unzipped version of the file).

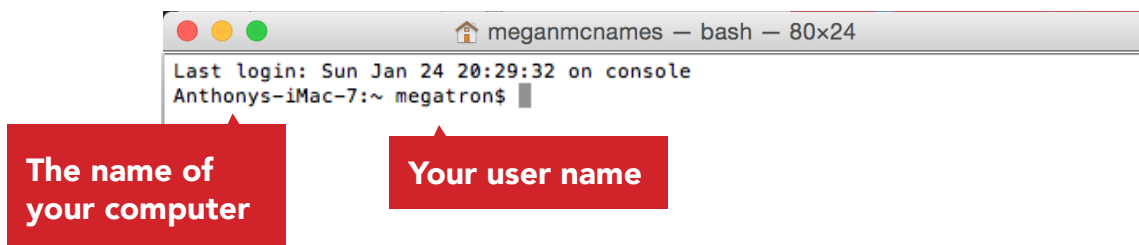


## STEP 3: OPEN YOUR TERMINAL

- In your Finder (that's the program that's running if you aren't currently in any programs - just click on the desktop to open Finder, or click the  in your dock), go to APPLICATIONS then TERMINAL:



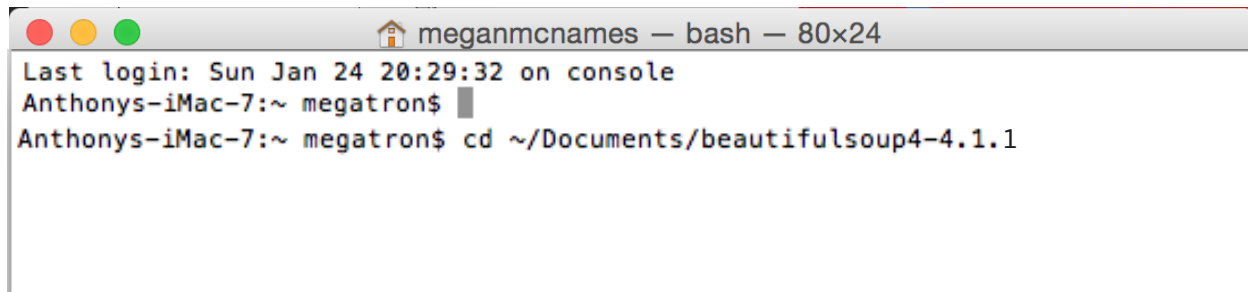
- This will open your TERMINAL, which is a program that allows you command your computer using command-line operations (you read about these in week 2). The terminal looks like this:



## STEP 4: INSTALL BEAUTIFULSOUP

- Type in the command:

`cd ~/Documents/beautifulsoup4-4.1.1`

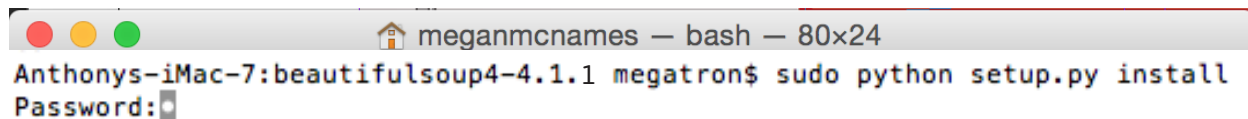
A terminal window titled 'meganmcnames — bash — 80x24'. The window shows the following text: 'Last login: Sun Jan 24 20:29:32 on console', 'Anthony's-iMac-7:~ megatron\$', and 'Anthony's-iMac-7:~ megatron\$ cd ~/Documents/beautifulsoup4-4.1.1'. The cursor is at the end of the last line.

```
meganmcnames — bash — 80x24
Last login: Sun Jan 24 20:29:32 on console
Anthony's-iMac-7:~ megatron$ 
Anthony's-iMac-7:~ megatron$ cd ~/Documents/beautifulsoup4-4.1.1
```

- **cd** stands for “change directory,” which will point your terminal in the direction of where the library you want to install is. This is a way of telling the computer “from now on, when I write a file name in a command that file will be in this directory.” That means we’ll have to change directories again later once we’ve installed Beautiful Soup.

- Now, type in the command:

`sudo python setup.py install`

A terminal window titled 'meganmcnames — bash — 80x24'. The window shows the following text: 'Anthony's-iMac-7:beautifulsoup4-4.1.1 megatron\$ sudo python setup.py install' and 'Password:'. The cursor is at the end of the password line.

```
meganmcnames — bash — 80x24
Anthony's-iMac-7:beautifulsoup4-4.1.1 megatron$ sudo python setup.py install
Password:
```

- **sudo** stands for “super user do.” Super user is like the admin for the computer, so sudo tells the computer “as the admin, do \_\_\_\_”
- Then we type in **python** to let the computer know we are going to run a python program
- Then we type in “**setup.py**” which is a python file in the beautifulsoup4.4.1.1 folder we downloaded.
- Then we type **install** to let the computer know that the python program we are about to run will install something to the computer.

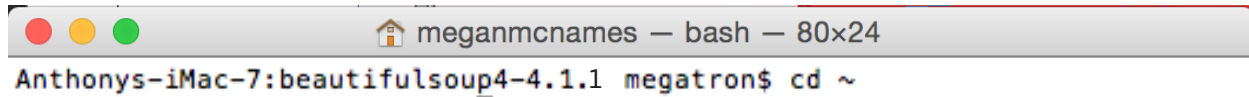
You may also then have to type in your password (as shown above). When you type your password in, you may not see anything happen in the terminal. Type your password in and press Enter even if nothing appears in the Terminal.

## STEP 5: CHANGE DIRECTORY BACK

- BeautifulSoup is now installed, so we just need to let the computer know we are done working in the directory we changed to before. Type in:

```
cd ~
```

to change the directory back to where it was before.



- To run the python program you wrote from the book, put it in your documents folder and then in the Terminal type in:

```
python ~/Documents/nameoffile.py
```

That's it! If your python program throws an error, the Terminal should tell you.