For thankful sysargv example

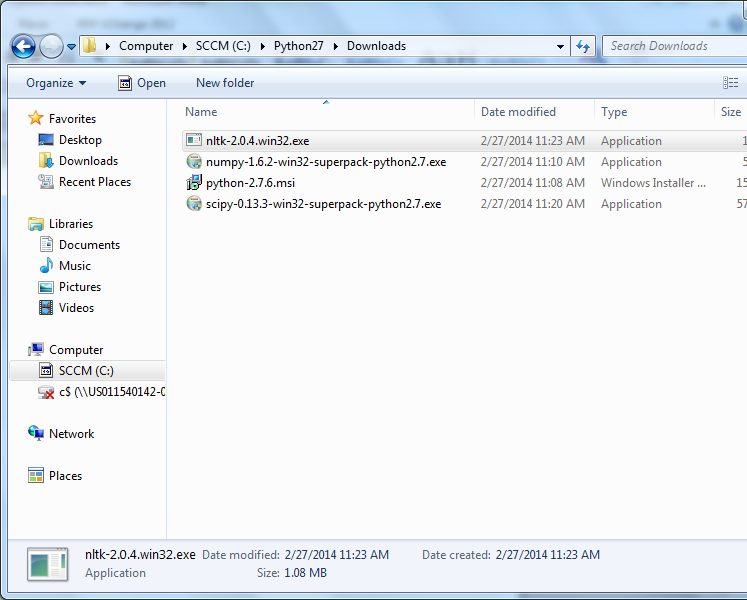
Python –m ptest1

Uses python module flag to indicate to run this. Searches sys.path and finds this as a module under rlbcode directory NOTE – no.py extension in this example since it’s looking for a module not a script as noted in next sentence.

If we run python ptest1.py – will find the test file you put in scripts as that is part of the windows path

\*\*\*\*\*\*\*\*\*\* older notes below \*\*\*\*\*\*\*\*\*\*\*\*

Python notes



Make sure to right click and select install as administrator – especially nltk.

Try this for dateutil

cd python dateutil directory

python setup.py build

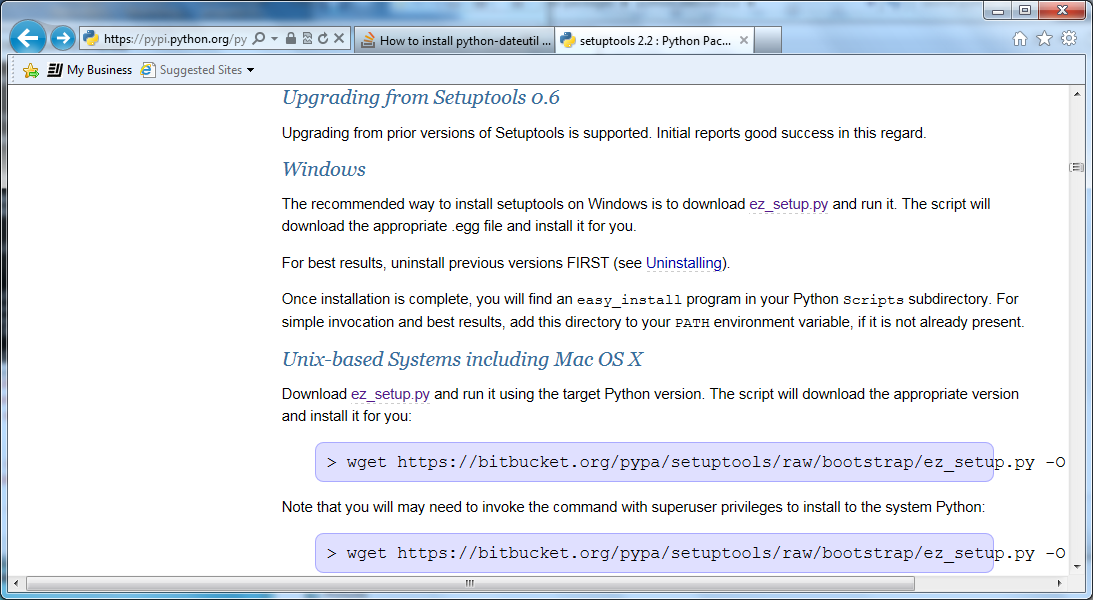
python setup.py install

Needed to easy\_install python-dateutil

When you see something like \_\_future\_\_ remember there are 2 underscores on each side.

Also required easy\_install six

Now asking for pyparsing when I import matplotlib

don’t forget to get the easy install py script.

Python path – need to update lib\site.py

Needed to add a .pth file to site-packages to get Python to recognize my rlbcode directory in the path. Added file rlbcode.pth – worked great

Trying to install pytesser from google for ocr recognition

https://code.google.com/p/pytesser/wiki/README

Download and install pil – python image library

Easy\_install pil from command prompt

Copied pytesser zip and extracted to site-lib

Added pytesser directory to the rlbscripts.pth file in site lib

Tried the examples from pytesser readme. Got errors.

HAVE TO RUN THE PYTESSER SCRIPTS FROM THE PYTESSER DIRECTORY TO MAKE THEM WORK.

Downloaded English dictionary too separately.

SAW THIS HIGHLIHGTED STUFF ONLINE TOO BUT DIDN’T TRY IT.

There's an easy work around for this if you're using the pytesser directory as a submodule (you've added an empty \_\_init\_\_.py file):

Change this line in pytesser.py (line 13):

tesseract\_exe\_name = 'tesseract'

to this:

tesseract\_exe\_name = os.path.dirname(\_\_file\_\_) + '/tesseract'

That way it will look in the correct place for the executable.

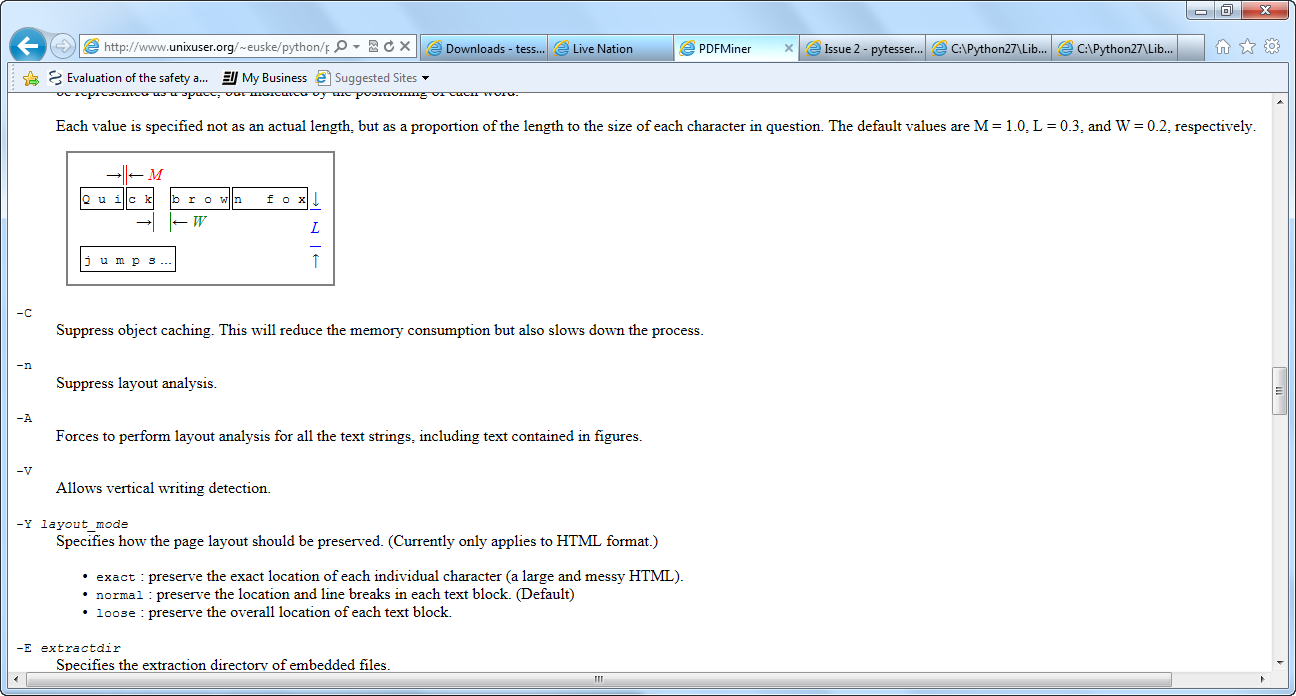
**How to Install**

1. Install [Python](http://www.python.org/download/) 2.4 or newer. (**Python 3 is not supported.**)
2. Download the [PDFMiner source](http://www.unixuser.org/~euske/python/pdfminer/index.html#source).
3. Unpack it.
4. Run setup.py to install:
5. # **python setup.py install**
6. Do the following test:
7. $ **pdf2txt.py samples/simple1.pdf**
8. Hello
9. World
10. Hello
11. World
12. H e l l o
13. W o r l d
14. H e l l o
15. W o r l d
16. Done!

This produces a text stream from the input file we may be able to work with. These flags keep the text in reasonable lines.



Pdf2txt.py –M 100.0 –L 10 –o secreq1.txt secreq.pdf



Installed xlrd easy\_install xlrd to extract stuff from excel

Also xlwt and xlutils packages installed

Need a way to interact with Excel.

Xlrd – license

Pyxll – enthought

Pyinex – code.google.com – probably not – used to call python from excel.

Pywin32 on sourceforge is what we need for the book. It’s an extension.

Downloaded pywin32-218…exe from sourceforge.net and installed.

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Downloaded CXFreeze and installed to try and make an executable to send to Casey

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Python on Windows requires the Microsoft Visual C++ Redistributable Package. Python 2.6-3.2 uses the 2008 version, and because of how this is installed, cx\_Freeze doesn’t automatically copy it for your application. It’s also not clear whether everyone has the right to redistribute the DLLs. You’re responsible for checking the license conditions associated with the DLLs you have installed.

See CXfreeze – for more on this c++ question.

Installed PIP

Reinstalling PDFminer using PIP

pip install --pre pdfminer – install worked