

Installation Instructions - Parallel Cartographic Modeling Language (PCML)

INSTALL PYTHON

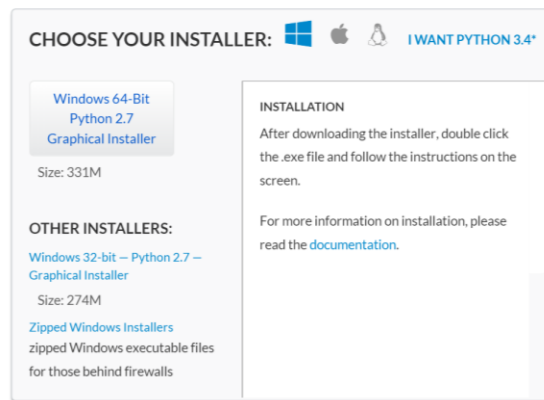
Note: If you already have Python installed on your computer then you can move directly to the INSTALL PCML section below. We recommend downloading the Anaconda Python package that includes numpy and scipy, which are used by PCML, but this package is not required.

1. Navigate to the following URL to download Anaconda Python distribution package.

<http://continuum.io/downloads>

Download Anaconda

Anaconda is a completely free Python distribution (including for commercial use and redistribution). It includes over 195 of the most popular Python packages for science, math, engineering, data analysis.

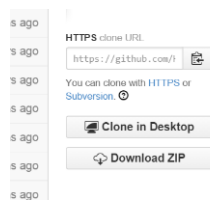


2. Click “Windows 64-Bit Python 2.7 Graphical Installer” (or appropriate package)
3. Once the installation file is downloaded, then begin the installation process. The default settings will be appropriate for working with PCML so you should only need to click “Next” through the installation process.

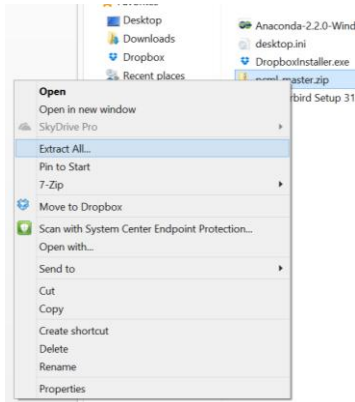
INSTALL PCML

4. Navigate to the following URL to download the PCML package.

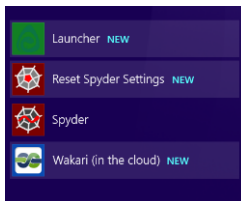
<https://github.com/hpcgislab/pcml>



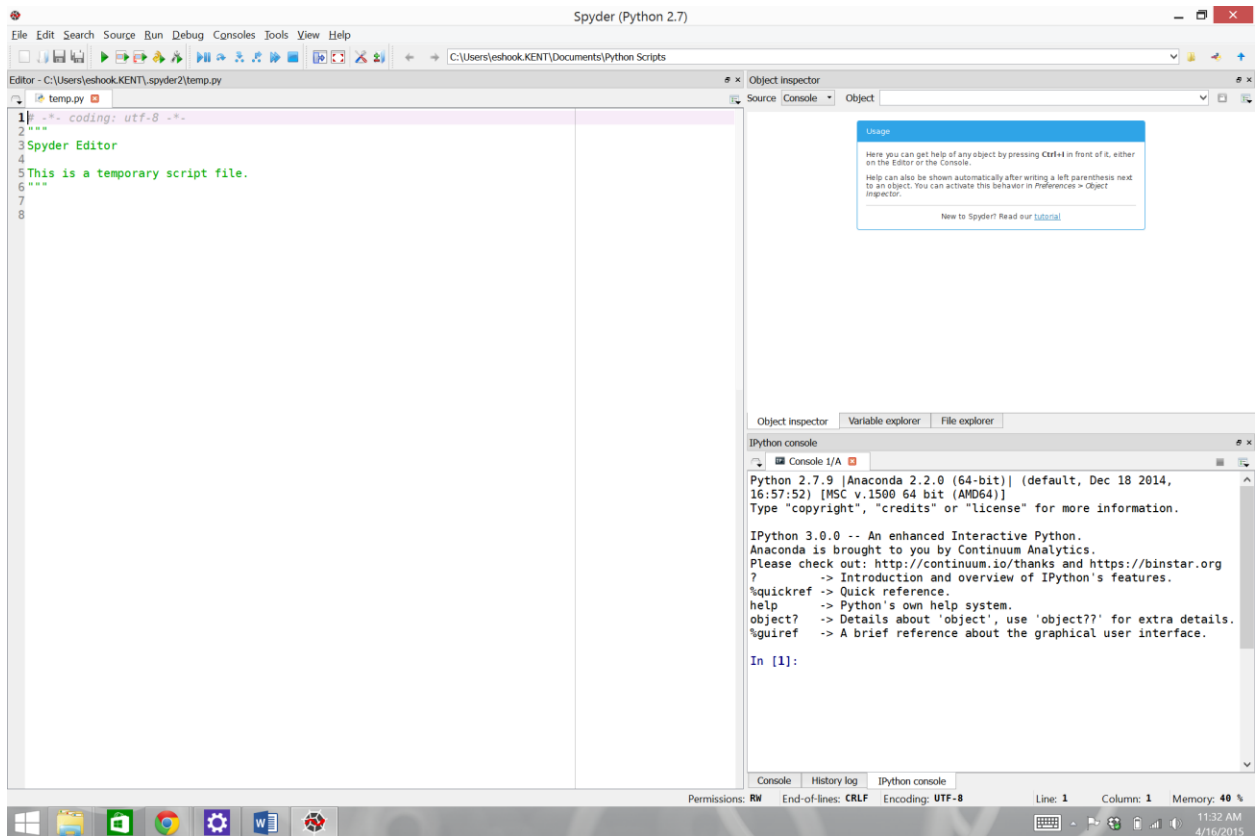
5. Click “Download ZIP”
6. A file named “PCML-master.zip” will be downloaded to your computer.
7. **[IMPORTANT]** The files must be extracted from the PCML-master.zip file otherwise PCML may not function properly. This can be accomplished by right clicking on PCML-master.zip and clicking “Extract All...”



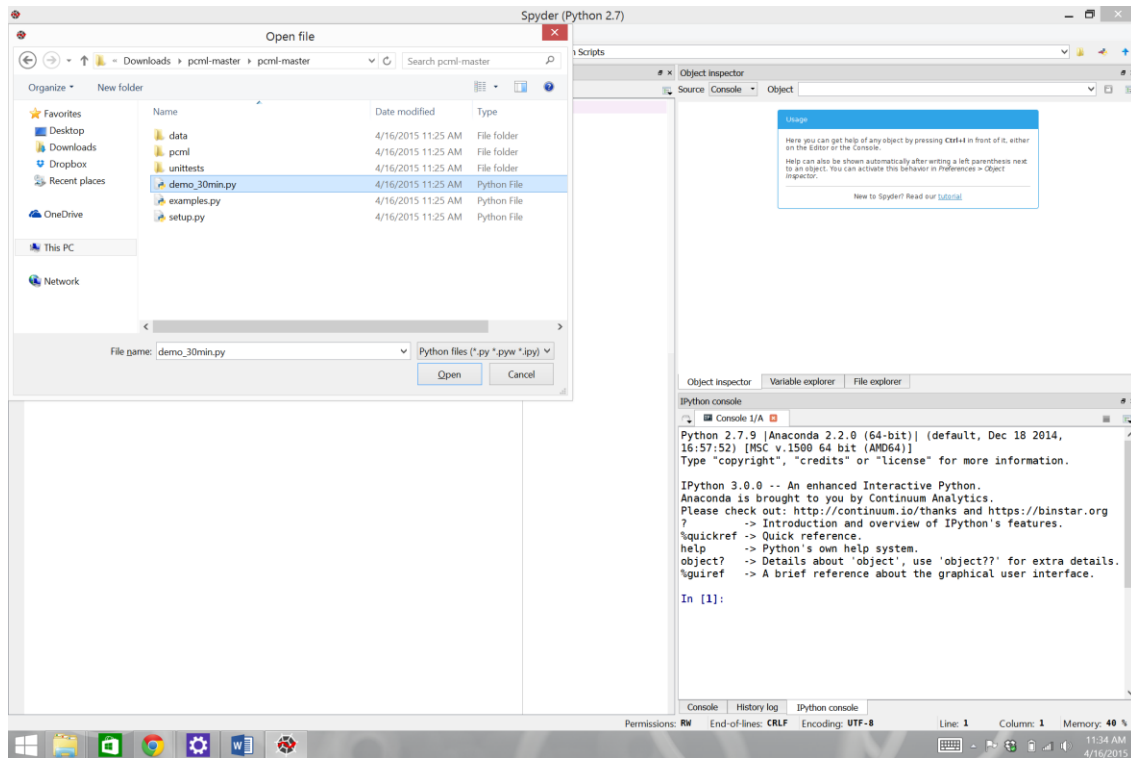
8. Navigate to “Spyder” which is the Python editor included as part of the Anaconda package. Other editors may include Python IDLE or even Microsoft Notepad if no editor is available.



9. Open Spyder.



10. Open 'demo_30min.py' by clicking File->Open and then navigating to the PCML-master folder (generally it will be in the Downloads folder on your computer).



Now you are ready to learn about PCML and work on the 30 minute demo!

