

Windows with Command Prompt

Install Python

Go to <http://www.python.org/download> and download the latest 32-bit version of Python 2.7. Run the installer, and install to the default C:\Python27 path.

(Note: If at any point a command fails in Powershell, try it in Command Prompt. If at any point a command fails in Command Prompt, try it in Powershell. If it still doesn't work, contact me at adbenson@andrew.cmu.edu, and I'll try to help you. Such is Windows.)

Add Python to your PATH

Since we'll be using the Command Prompt to run our server, let's add Python to our System Path. The easiest way is to open **Powershell** (NOT COMMAND PROMPT) and run

```
[Environment]::SetEnvironmentVariable("Path",  
"$env:Path;C:\Python27\;C:\Python27\Scripts\","User")
```

Install pip, the Python package manager

There's a setup script to install pip, but it depends on a package called setuptools. But there's a setup script for that too. So download

https://bitbucket.org/pypa/setuptools/raw/bootstrap/ez_setup.py

and restart Powershell, then run "python ez_setup.py" in the directory it downloaded in using Powershell in administrator mode (you'll be using Powershell for this handout, but Command Prompt in the actual lab).

Now download

<https://raw.githubusercontent.com/pypa/pip/master/contrib/get-pip.py>

and run "python get-pip.py" in the directory it downloaded in using Powershell in administrator mode.

Install virtualenv

virtualenv is an essential tool for Python devs because it allows you to simulate different python installations for different Python projects. We'll use one for our blog project.

To install virtualenv, run in Powershell in administrator mode (try Command Prompt if it doesn't work)

```
pip install virtualenv
```

and

```
pip install virtualenvwrapper
```