Download the latest 64-bit Cygwin (<https://www.cygwin.com/setup-x86_64.exe>) from <https://www.cygwin.com/>

Run ‘setup-x86\_64.exe’ – leave all defaults as is. For package selection, add:

* At the “Select Packages” screen, make sure that the following items are selected to be installed:
  + “git: Distributed version control system”
  + “python2: Python 2 language interpreter”
  + “zip: Info-ZIP compression utility”
  + “unzip: Info-ZIP decompression utility”
  + “python2-pip: Python package installation tool”
  + “wget: Utility to retrieve files from the WWW via HTTP and FTP”

Install python dependencies:

|  |
| --- |
| pip2 install --upgrade pip  pip2 install --user flask pymongo xmltodict flask\_login flask\_wtf docopt flask\_mail |

Download and Install MongoDB:

Download the latest Binaries in ZIP format from <https://www.mongodb.com/download-center#community>

|  |
| --- |
| wget http://downloads.mongodb.org/win32/mongodb-win32-x86\_64-2008plus-ssl-3.7.3.zip  unzip mongodb-win32-x86\_64-2008plus-ssl-3.7.3.zip  chmod +x mongodb-win32-x86\_64-2008plus-ssl-3.7.3/bin/\*  mv mongodb-win32-x86\_64-2008plus-ssl-3.7.3/bin/\* /usr/local/bin  mkdir -p /cygdrive/c/data/db |

Download PPQAS Source Code:

|  |
| --- |
| cd ~  git clone https://github.com/usnistgov/PPQAS.git |

Run MongoDB and PPQAS:

|  |
| --- |
| cd ~/PPQAS/ps-aug19-2017  mongod & # This runs mongod in the background  python runserver.py |

Open web browser and navigate to <http://localhost:6500>