# Install Gym and Doom

Due to changes with Gym the recommended version to use is v0.7.4. You can install the specific version with:

pip install gym==0.7.4

In addition it is highly recommended to use a VM if you are on Windows and to install with Ubuntu.

Install the dependencies first:

OSX:

brew install cmake boost boost-python sdl2 swig wget


Ubuntu:

apt-get install -y python-numpy python-dev cmake zlib1g-dev libjpeg-dev xvfb libav-tools xorg-dev python-opengl libboost-all-dev libsdl2-dev swig

https://github.com/openai/gym#installing-everything

For those not running Python 2.7 gym states that:

We currently support Linux and OS X running Python 2.7 or 3.5. Some users on OSX + Python3 may need to run

brew install boost-python --with-python3



Install Gym:

pip install gym==0.7.4

Install Doom:

pip install ppaquette-gym-doom


If you run into the non-zero exit installation bug you can try the following modified setups:


Ubuntu

- [https://www.udemy.com/artificial-intelligence-az/learn/v4/questions/2695950](https://www.udemy.com/artificial-intelligence-az/learn/v4/questions/2695950)

Mac

- [https://www.udemy.com/artificial-intelligence-az/learn/v4/questions/4088774](https://www.udemy.com/artificial-intelligence-az/learn/v4/questions/4088774)