

OpenAI Gym - Acrobot-v1

Quick User Guide

Bought to you by:

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Contents

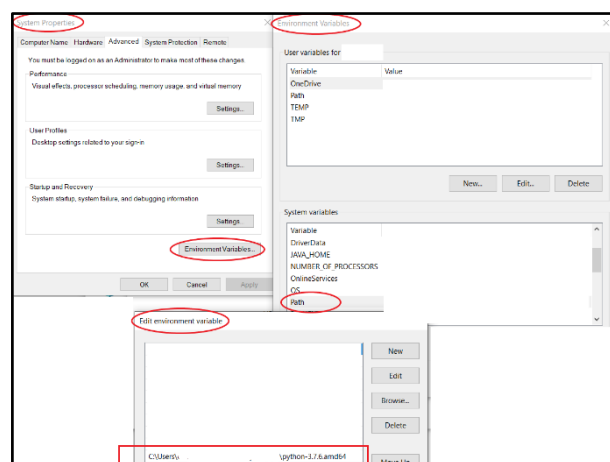
- 1) Agent Requirements & Built
- 2) Deployment
- 3) Folders

1) Agent Requirements & Built

- i. Application is built under Windows 10 Pro OS
- ii. Python 3.7.6
- iii. Packages
 - 1) - Environment & time : gym, time
 - 2) - Numbers : numpy, math
 - 3) - Images : matplotlib, imageio, PIL
- iv. Download Acrobot.zip
- v. Directory must not contain space in the path

2) Deployment

- i. Allow python to run from CMD.
 - i.e. Windows OS: System properties
-> Environment Variables -> Path ->
Edit environment variable
(Python path required)
- ii. Unzip Acrobot.zip to any preferred location.
- iii. Choose a folder.
E.g. 001_RandomBaseAgent.
Click on base.bat to start.
(Windows OS)
>> python acrobot_base_agent.py
(Mac OS)



3) Folders

- i. Random agent: 001_RandomBaseAgent
- ii. Fixed policy agents: 002_Theta1, 003_V1
- iii. Evolution learning agents: 004_GA
- iv. Reinforcement learning agents: 005_QLearning, 006_SARSA
- v. Result of longest training: 007_SARSA_10000

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