**OpenAI LineFollower SmartSystems**

**Software install**

Visualstudio.microsoft.com/downloads, Community downloader

* MSVC v142 – VS 2019 C++ x64/x86 build tools (v14.23 or v14.24) OR MSVC v140 VS 2015 C++ build tools (v14.00)
* Windows 10SDK (10.0.16299.0)
* Windows universal CRT SDK

**Python packages**

To check library list “pip freeze”

* clone gym\_line\_follower from github -> “Pip install –e .”
* Tensorflow requires version 1.14.0, “pip install tensorflow==1.14.0”
* Pip install gym + pybullet

**LineFollower\_Env**

* If error " cannot re-register id: Linefollower-V0" then GOTO LINE 106 in 'Registration.py' and change = > (env, "\_gym\_disable\_underscore\_compat", **True**):

on LINE 146 add '**del self.env\_specs[id]**' OR pip uninstall gym\_line\_follower (weird fix)

* step

**LineFollower\_Bot**

**LineFollower\_Camera**

**Track generation**

Some parameters are still hardcoded in the follower\_bot.urdf file.