Halite Environment Setup Work Instruction

Note: Do this manually at the command line, but you can use PyCharm as your IDE after by “File->Settings->Project:XXXX->Project Interpreter” and clicking the gear and selecting add local and choosing “Virtualenv Environment\Existing Environment” and pointing to the python.exe in <folder>\Scripts

* Install Python 3.6 (will be needed to not compile your own version of zstd)
* Choose a folder to store your virtual python environment
* From a command prompt navigate to the folder where python is installed (e.g. C:\Users\<username>\AppData\Local\Programs\Python\Python36)
* Run "python -m venv <folder>" from command prompt
* Activate your python venv, "<folder>\Scripts\activate.bat" from command prompt
* In that terminal, "python" and "pip" now point to the venv and not the system python environment
* Run "pip install wheel" from command prompt (wheels are a form of python packages)
* Save zstd-1.3.1-cp36-cp36m-win\_amd64.whl in the Python36 folder
* Run "pip install zstd-1.3.1-cp36-cp36m-win\_amd64.whl" from command prompt
* Run "pip install hlt\_client" from command prompt
* Run "pip install pep8 pyflakes" from command prompt (for static analysis)
* **You now have "pep8" "pyflakes" and "python -m hlt\_client.client" commands**

If you want to look at the AI bot, you need to also run “pip install –r requirements.txt” from the activated venv. The requirements.txt file is in the zip for the MLStarterBot