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English Liberal Arts

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My project is starting a live channel on Douyu (chinese twitch). Normally, audiences send messages to the host for chatting. I want to use these messages as commands to control my computer to, for an example, play pokermon. This is not a new project. Researchers in Carnegie Mellon University started a live channel called “Twitch Play Pokermon” on twitch as a social experiment years ago and created a sensation on the Internet. I find this experiment excited and want to do the same thing.

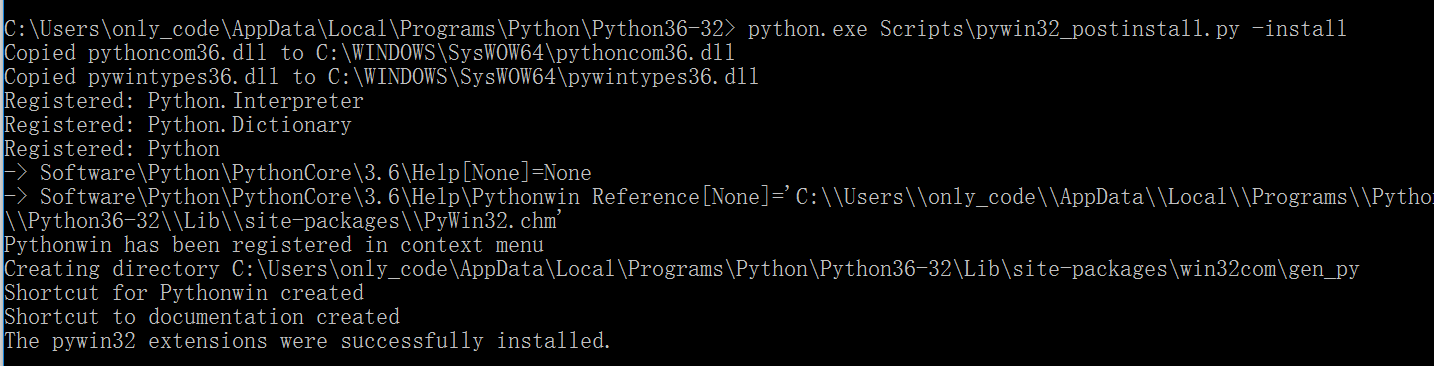
**Step 1: Environment configuration for keyboard simulation**

After searching how to simulate keyboard input by running a program, I decide to use a package called PyUserInput for its cross-platform property and comprehensive functions.

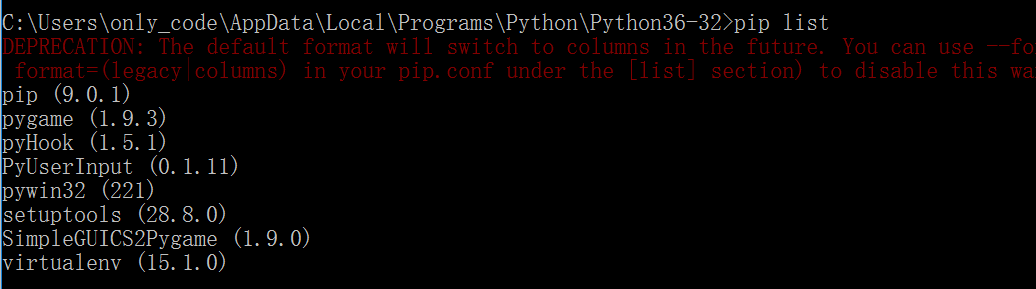
I firstly tried “pip install PyUserInput”, a commonly used tool to install packages, but failed for “Could not find a version that satisfies the requirement pyHook/pywin32”. (PyUserInput requires pyHook and pywin32 and there isn’t any available version for me). So I download the .whl file from <http://www.lfd.uci.edu/~gohlke/pythonlibs/> and pip install pyHook locally.



Further I followed the instructions on that website and install pywin32 using elevated command prompt.



Then I finished the first step. Now I have all environments that I need.



The relationship among this three packages.

pywin32

pyHook

PyUserInput