

Automatically run JARVIS on PC startup

Objective: execute a python script from a virtual environment when the PC is started.

Note: These are instructions generated by ChatGPT, I edited them to have them work on my PC

On Linux:

1. Open a terminal and navigate to the directory where you want to create the shell script.
2. Create a new file and name it something like myscript.sh: `nano myscript.sh`
3. Add the following code to the file, replacing "myvenv" with the name of your virtual environment and "myscript.py" with the name of your Python script:

```
#!/bin/bash
cd /path/to/my/project
source /path/to/myvenv/bin/activate
python /path/to/myscript.py
```

4. Make the script executable: `chmod +x myscript.sh`
5. Test the script by running it: `./myscript.sh`

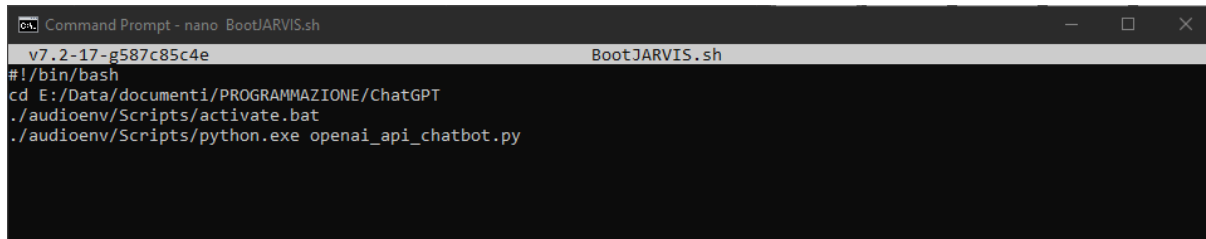
Once the script is working correctly, you can add it to the system's startup files so it will run automatically at startup. You can add the script to the rc.local file or create a Systemd service that runs the script.

On Windows (with Git and ChocoLately):

If you have Chocolatey and Git installed, you can:

1. Install nano from Admin CMD: `choco install -y nano` ;
2. Be sure to have chmod.exe in your %PATH% variable (C:\Program Files\Git\usr\bin)
3. Follow the same procedure described above for linux
4. Place the .sh file in the Startup folder: Press Win+R to open the "Run" dialog box, type "shell:startup" and press Enter. This will open the "Startup" folder. Place the .sh file here.

Basically, you just need to be able to use Linux commands `nano` and `chmod +x`



```
Command Prompt - nano BootJARVIS.sh
v7.2-17-g587c85c4e BootJARVIS.sh
#!/bin/bash
cd E:/Data/documenti/PROGRAMMAZIONE/ChatGPT
./audioenv/Scripts/activate.bat
./audioenv/Scripts/python.exe openai_api_chatbot.py
```

This s how the .sh looks like on my PC

On Windows (without Git/Choco):

You can use a batch script to run a Python script from a virtual environment at startup. Here are the steps to create a batch script for this purpose:

1. Open Notepad or any other text editor.
2. Type the following code, replacing "C:\path\to\myenv" with the path to your virtual environment, and "C:\path\to\myscript.py" with the path to your Python script:

```
@echo off
cd C:\path\to\myproject
call C:\path\to\myenv\Scripts\activate.bat
C:\path\to\myenv\Scripts\python.exe C:\path\to\myscript.py
```

3. Save the file with a .bat extension, such as "myscript.bat".
4. Place the .bat file in the Startup folder: Press Win+R to open the "Run" dialog box, type "shell:startup" and press Enter. This will open the "Startup" folder. Place the .bat file here.

5. Restart your computer and the script should run automatically from the virtual environment at startup.

Make sure to replace the paths in the batch script with the actual paths to your project, virtual environment, and Python script. Also, double-check that the script is working correctly by testing it before adding it to the Startup folder.