

Interface User Manual

SAE 302:



Pip install pyqt5 and psutil

This document helps in using the application.

To start we can already launch the server even if launching the client first changes nothing.

- Server launch:

-copy my server.py file

-launch it by dragging the file into a terminal or using the python server.py command

-After launch

Mettez votre port :

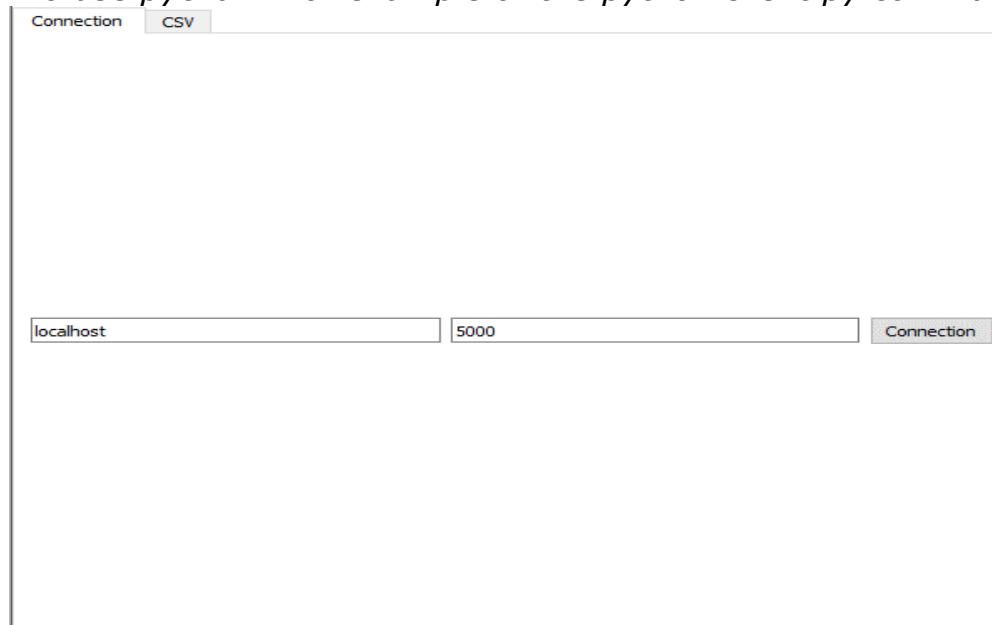
Put the port you want.

Waiting server:

```
Mettez votre port :5000
Socket ouverte sur localhost - 5000
> En attente du client
```

Then launch the client:

-To use pycharm for example or the python client.py command in a terminal



The screenshot shows a web application interface. At the top, there are two tabs: 'Connection' (which is active) and 'CSV'. Below the tabs, there is a large empty rectangular area. At the bottom of this area, there are two input fields. The first input field contains the text 'localhost'. The second input field contains the text '5000'. To the right of these two input fields is a button labeled 'Connection'.

The client interface has a login and csv tab on opening

After having put the correct port and the correct ip click connection a tab will open with the information previously provided.

Connection CSV localhost:5

Click in the newly opened tab.

Connection CSV localhost:8

Envoyer du contenu **envoyer**

You can now communicate with the server and send commands.

Customer order part

User command part:

If we mark something other than the following commands there will be an error saying that he does not know the command.

First part of the commands:

- Command "os": asks for the OS and the type of OS for example MacOS Darwin or Linux Ubuntu 21.4
- "ram" command: total memory, used memory and remaining free memory
- "CPU" command: CPU usage
- "IP" command: Gives the IP address
- "hostname" command: Gives the name of your machine

Connection management commands:

- *"disconnect" command: disconnection from the client interface.*
- *"reset" command: server reset.*
- *"kill" command: kills the server so there is nothing left on the server side so the client has no server to communicate to.*

Commands as under a Windows linux or MacOS terminal:

- *Command "DOS:" put any basic command like a normal terminal for example DOS: ipconfig or DOS: mkdir foo*
- *"ping" ip command*
- *Linux:*
 - *commande Powershell: get-process »*
 - *commande python --version*

For the csv you have to create the file which I called test.csv and inside you put ip, port.

Error: I have a problem with the display of the text "ME" when selecting it reappears.