

Interface user

Manual :

server's python file : ***serveur_.py***

client's python file : ***GUI___client.py***

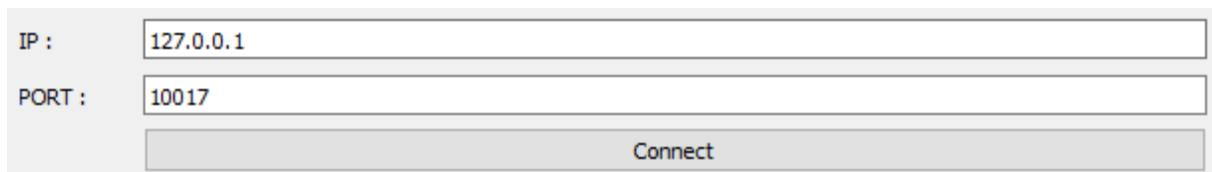
csv format : ***@ip,port*** or ***server'sname,port*** (ip or name first and then port, separated by « , »)

Note : Before launching the programs, you need to make sure that you have installed python, and all the modules included in the codes (to check the modules, please open the files with a text editor and check at the top of each file, the modules used, modules name are after import ...).List of modules used in the code : socket, time, psutil, time, PyQt5, csv, sys, threading

I.Connection to a server

1st method :

- 1.First, open ***GUI___client.py*** using python to open the user interface
2. to connect to a server, put server's IP and port (by default IP : 127.0.0.1 & PORT : 10017), and then click on « connect » to connect or reconnect to a server.



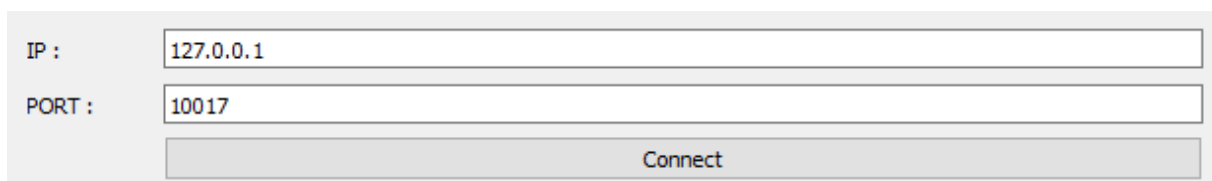
IP :	127.0.0.1
PORT :	10017
<button>Connect</button>	

2nd method :

- 1.First, open ***GUI___client.py*** to open the user interface
2. click on « open file » button on the top right of the window, and chose a csv file including server's IP and port, the format of the csv is : ***Ipadresse,port*** or ***Server'sName,port*** .Here's an example :

127.0.0.1,10017

Once it's done, server's IP and port will be automatically filled, it will look like this :



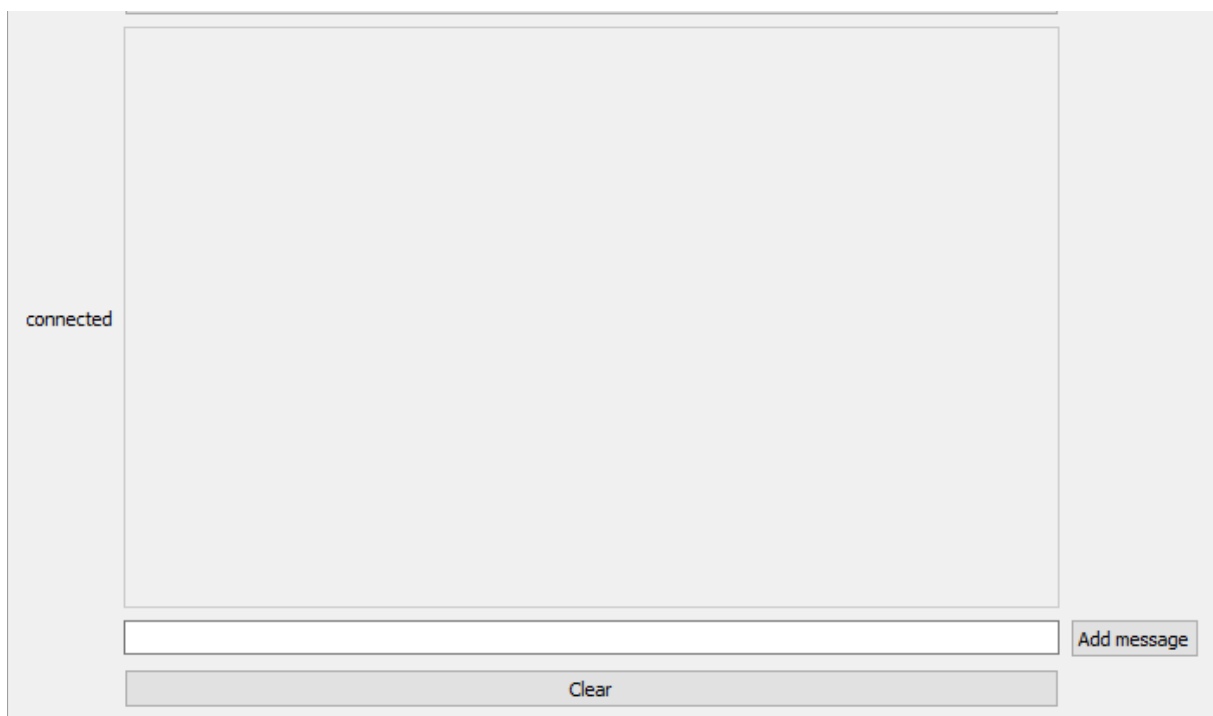
IP :	127.0.0.1
PORT :	10017
<button>Connect</button>	

then, click on « connect »

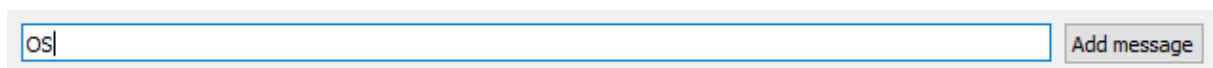
On the left of the window, you can see connection status : disconnected or connected

Note : to disconnect from a server, check « Command Line » section

II.Command Line Interface



-Command Line, you can type a command line on this Line box :

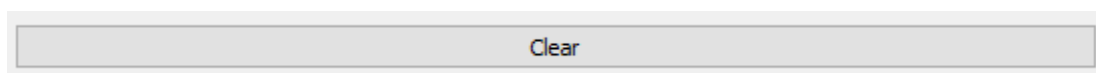


And send the command by pressing on « Add message » button.

- The command sent will be shwon on the Command Line Box :



-To clear the command Line Box, presse the « Clear » button :



III.Command Line :

Server's informations :

- OS** : to check server's Operating System
- RAM** : to check total RAM, free RAM & used RAM
- NAME** : will show server's name
- IP** : to check server's IP

Server's manipulation :

- kill** : to kill the server, stop the server
- reset** : restart the server
- disconnect** : disconnection from the server.

IV.Error :

- Incorrect type : IP or port's type are incorrects
- Server is not launched or incorrect information : wrong ip or port or the server is down.
- Incorrect IP or port : IP and port's type is correct but the format is incorrect.