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RT23 devcloud

<center>User documentation</center>

This document is here to teache you how to use the server and the client so please follow the next indecation :

- The first thing to do is to install on python the following package : socket, threading, psutil, platform, pyautogui, os, csv and PyQt5

- Once you have downloaded the previous package, you need to take on github the four file : clientsae.py, serveursae.py, interface_graphique.py, testing.csv.

The installation is over, so we can now start it. You can start the programm testing.csv and interface_graphique.py at any moment. In the case of the chat between the server and the client, you need to start the server program before the client program.

How to use the chat between the server and the client ?

It is easy to use the chat between the server and the client because you just have to write the following command to control the server :

- kill:This command is here to shutdown the server. When you send this command from the client to the server, the server close is connection with the client and then close his connection before shuting down.

- reset :This command is here to restart the server. When you send this command to the server, he will close the connection, restart and then you can connect youre client again.

- disconnect :This command is here to disconnect the client from the server.When you send this command to the server, he will disconnect the current client and listen to connect another client.

- commande :This command is here to send system command on the server. When you send this command, an interface will show up so you can write the command of youre choice and the result is showed in the same interface.

- OS :This command show multiple information about the operating system of the server.

- RAM :This command show the total RAM, the RAM used and the free RAM avaible on the server (please be careful, the RAM is written in bits).

- name :This command display the name of the current server.

- CPU : This command show you the usage of the CPU of the server.

- ip :This command return you the ip address of the server.

Warning :

- Don't close the client without disconnect it before or the serveur will crash.
- The client is synchrone with the server.