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Thread: [Socket Chat Bug](#)

F.A.S.T - April 3, 2018, 9:33 am

I have created this Simple CHAT System using Socket Module, But When the message is sent, It doesn't really appear unless ENTER is pressed.

Can anyone tell me what I'm missing or anything that could fix this Bug?

Here is the Code :

SERVER :

Spoiler ([Click to View](#))

PHP Code

```
<?php
import os
import socket

s = socket.socket(socket.AF_INET, socket.SOCK_STREAM)
ip = '0.0.0.0'
port = 4040

s.bind((ip, port))
s.listen(1)
conn, addr = s.accept()
while True:
    ip = addr[0]
    print("Connected to PC", ip)
    print("NAME : ",socket.gethostbyaddr(ip))
    try:
        cmd = input("Enter MESSAGE : ")
        conn.sendall(cmd.encode())
        data = conn.recv(1024).decode()
        print("RECEIVED : ", data)
    except socket.error as msg:
        print("Error ", msg)
```

CLIENT :

Spoiler ([Click to View](#))

PHP Code

```
<?php
import socket, os, subprocess

s = socket.socket(socket.AF_INET, socket.SOCK_STREAM)
ip = input("ENTER IP : ")
port = 4040
s.connect((ip, 4040))
```

```

def autoRECV():
    while True:
        data = s.recv(1024).decode('ascii')
        print("Received : ", data)

def MSGSender():
    cmd = input("ENTER MESSAGE : ")
    s.sendall(cmd.encode())
while 1:
    try:
        MSGSender()
        autoRECV()
    except socket.error as msg:
        print("ERROR : ", msg)

```

Chercher - April 8, 2018, 11:02 am

Code def autoRECV():

```

while True:
    data = s.recv(1024).decode('ascii')
    print("Received : ", data)

```

perhaps you mean to break out of the loop, else the MSGSender function won't ever be reached.

lamadamadoo - April 15, 2018, 1:23 pm

Your whole code is being held up by the input() function. After you press enter it skips the function only to get stuck at that same function again. If you want to do this I suggest making a new thread for your input command.

Goodies - April 16, 2018, 9:44 am

I'm all for using this as a learning tool, but the socket module should not be used in any legitimate applications other than constants or setsockopt or something like that. There's no reason to manually deal with sockets with so many amazing applications provide a safe, higher level API.