1. SenDer

Khoi tao:

DatagramSocket socket;

DatagramPacket psend;

DatagramPacket pricede;

byte [] data = new byte[1024];

byte [] data1 = new byte[1024];

final InetAddress inet ;

final int port= 4000;

Su Dung

this.inet = InetAddress.getByName("127.0.0.1");

this.setTitle("sender");

socket = new DatagramSocket();

Button

String send = jTextField1.getText().trim();

data = send.getBytes();

psend = new DatagramPacket(data, data.length, inet, port);

socket.send(psend);

jTextArea1.append(" sender say " + send +"\n");

main

sender1 a = new sender1();

Thread b = new Thread(a);

a.setVisible(true);

b.start();

Run

while (true) {

try {

pricede = new DatagramPacket(data1, 1024);

socket.receive(pricede);

String receive= new String(pricede.getData() ,0 ,pricede.getLength());

jTextArea1.append(" receive say "+ receive +"\n");

} catch (IOException ex) {

Logger.getLogger(sender1.class.getName()).log(Level.SEVERE, null, ex);

}

}

1. Reciede:

Khoi Tao

DatagramSocket socket;

DatagramPacket psend;

DatagramPacket pricede;

byte [] data = new byte[1024];

byte [] data1 = new byte[1024];

InetAddress inet;

int port= 4000;

Su dung

socket = new DatagramSocket(4000);

Tao Ham trong receive

public String chuanHoa(String str) {

str = str.trim();

str = str.replaceAll("\\s+", " ");

return str;

}

// sau khoang cach la viet hoa

public String chuCaiDauHoa(String str){

StringBuffer stringbf = new StringBuffer();

Matcher m = Pattern.compile("([a-z])([a-z]\*)",

Pattern.CASE\_INSENSITIVE).matcher(str);

while (m.find()) {

m.appendReplacement(stringbf,

m.group(1).toUpperCase() + m.group(2).toLowerCase());

}

return m.appendTail(stringbf).toString();

}

/\* mot ky tu dau viet hoa

public static String conver(String str)

{

String tmp ="";

tmp += String.valueOf(str.charAt(0)).toUpperCase();

tmp+= str.substring(1);

return tmp;

}

\*/

Button

String send = jTextField1.getText().trim();

byte[] bdata = send.getBytes("UTF-8");

data = send.getBytes();

psend = new DatagramPacket(bdata, bdata.length, inet, port);

socket.send(psend);

Main

reciede1 a = new reciede1();

Thread b = new Thread(a);

a.setVisible(true);

b.start();

Run

int n= 0;

while (true) {

if(n==1){

// System.out.println(" Server : Welcome Client… \n");

jTextArea1.append(" Server : Welcome Client… ");

}

n++;

pricede = new DatagramPacket(data1, 1024);

try {

socket.receive(pricede);

} catch (IOException ex) {

Logger.getLogger(reciede1.class.getName()).log(Level.SEVERE, null, ex);

}

port = pricede.getPort();

inet = pricede.getAddress();

String sreceieve = new String(pricede.getData() ,0 , pricede.getLength());

jTextArea1.append(" Sender say : " + chuanHoa( chuCaiDauHoa(sreceieve)) + "\n");

jTextField1.setText(chuanHoa(chuCaiDauHoa(sreceieve)) +"\n");

send();

}