public class UDPServer {

static DatagramSocket ds;

public static void main(String[] args) {

try {

ds = new DatagramSocket(1234);

do {

byte[] buffer = new byte[256];

DatagramPacket inPacket = new DatagramPacket(buffer, buffer.length);

ds.receive(inPacket);

String msgin = new String(inPacket.getData(), 0, inPacket.getLength());

if(!msgin.equals("close")){

String msgout = msgin;

InetAddress clientAddress = inPacket.getAddress();

int clientPort = inPacket.getPort();

DatagramPacket outpacket = new DatagramPacket(msgout.getBytes(), msgout.length(), clientAddress, clientPort);

ds.send(outpacket);

}

else{

String msgout = "Bye-Bye";

InetAddress clientAddress = inPacket.getAddress();

int clientPort = inPacket.getPort();

DatagramPacket outpacket = new DatagramPacket(msgout.getBytes(), msgout.length(), clientAddress, clientPort);

ds.send(outpacket);

}

} while (true);

} catch (IOException e) {

e.getMessage();

}

finally

{

ds.close(); } } }

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public class UDPClient {

static String msg;

static DatagramSocket ds;

public static void main(String[] args) {

try {

InetAddress host = InetAddress.getLocalHost();

ds = new DatagramSocket();

Scanner user = new Scanner(System.in);

do

{

System.out.println("Enter msg");

msg = user.next();

DatagramPacket outPacket = new DatagramPacket(msg.getBytes(), msg.length(), host, 1234);

ds.send(outPacket);

byte[] buffer = new byte[256];

DatagramPacket inPacket = new DatagramPacket(buffer, buffer.length);

ds.receive(inPacket);

String response = new String(inPacket.getData(), 0, inPacket.getLength());

System.out.println("Server>"+response);

}while (!msg.equals("close"));

} catch (IOException e) {

e.getMessage();

}

finally

{

ds.close();

}

}

}