Dns with udp socket server and client

Server

import java.io.IOException;

import java.net.DatagramPacket;

import java.net.\*;

class UDPServer{

public static void main(String[] args) throws IOException {

String[] site=new String[10];

String[] ips=new String[10];

site[0]="www.google.com";

site[1]="www.yahoo.com";

ips[0]="192.168.1.1";

ips[1]="189.233.22.2";

DatagramSocket dsock=new DatagramSocket(3000);

byte[] rmsg=new byte[10240];

byte[] smsg=new byte[10240];

while(true)

{

DatagramPacket recievepacket=new DatagramPacket(rmsg, rmsg.length);

dsock.receive(recievepacket);

int flag=0;

for (int i=0;i<2;i++)

{

if(decode(rmsg).toString().equals(site[i]))

{

System.out.println(ips[i]);

flag=1;

}

}

if(flag==0)

{

System.out.println("cannot be resolved");

}

rmsg=new byte[10240];

}

}

public static StringBuilder decode(byte[] b)

{ if(b==null)

return null;

StringBuilder s=new StringBuilder();

int i=0;

while(b[i]!=0)

{

s.append((char)b[i]);

i++;

}

return s;

}

}

Client

import java.net.DatagramPacket;

import java.net.DatagramSocket;

import java.net.\*;

import java.util.\*;

import java.io.\*;

class UDPClient

{

public static void main(String[] args) throws Exception{

byte[] buf=new byte[1024];

byte[] rbuf=new byte[1024];

Scanner sc=new Scanner(System.in);

DatagramSocket clisock=new DatagramSocket();

InetAddress ip=InetAddress.getLocalHost();

while(true)

{

String inp=sc.next();

buf=inp.getBytes();

DatagramPacket sender=new DatagramPacket(buf, buf.length,ip,3000);

clisock.send(sender);

}

}

}

