mainactivity.java

package com.example.meow.testapp;

import android.app.Activity;

import android.os.Bundle;

import android.os.Message;

import android.view.View;

import android.widget.Button;

import android.widget.TextView;

import android.os.Handler;

import android.widget.Toast;

public class MainActivity extends Activity implements View.OnClickListener {

private TextView tv\_content,tv\_send\_text;

private Button bt\_send,stop\_btn;

@Override

protected void onCreate(Bundle savedInstanceState) {

super.onCreate(savedInstanceState);

setContentView(R.layout.activity\_main);

InitView();

PhoneServer phoneServer = new PhoneServer();

phoneServer.setHandler(handler);

new Thread(phoneServer).start();

}

private void InitView(){

tv\_content = (TextView) findViewById(R.id.tv\_content);

tv\_send\_text = (TextView) findViewById(R.id.tv\_send\_text);

bt\_send = (Button) findViewById(R.id.bt\_send);

stop\_btn = (Button) findViewById(R.id.stop\_btn);

stop\_btn.setOnClickListener(this);

bt\_send.setOnClickListener(this);

}

@Override

public void onClick(View v){

switch (v.getId()){

case R.id.bt\_send:

String str = "start";

new S\_AsyncTask().execute(str);

tv\_send\_text.setText(str);

break;

case R.id.stop\_btn:

String str\_s = "stop";

new S\_AsyncTask().execute(str\_s);

tv\_send\_text.setText(str\_s);

}

}

Handler handler = new Handler(){

@Override

public void handleMessage(Message msg){

switch (msg.what){

case 1:

tv\_content.setText(""+msg.obj);

//Toast.makeText(MainActivity.this,"接收到的消息",Toast.LENGTH\_LONG).show();

}

}

};

}

PhoneServer.java

package com.example.meow.testapp;

import android.os.Message;

import android.os.Handler;

import java.io.DataInputStream;

import java.io.IOException;

import java.net.ServerSocket;

import java.net.Socket;

public class PhoneServer implements Runnable {

private ServerSocket server;

private DataInputStream in;

private byte[] receice;

private Handler handler = new Handler();

public PhoneServer(){

}

public void setHandler(Handler handler){

this.handler = handler;

}

@Override

public void run(){

try {

server = new ServerSocket(8080);

while (true){

Socket client = server.accept();

in = new DataInputStream(client.getInputStream());

receice = new byte[50];

in.read(receice);

in.close();

Message message = new Message();

message.what = 1;

message.obj = new String(receice);

handler.sendMessage(message);

}

} catch (IOException e){

e.printStackTrace();

}

try {

server.close();

} catch (IOException e){

e.printStackTrace();

}

}

}

S\_AsyncTask

package com.example.meow.testapp;

import android.os.AsyncTask;

import java.io.IOException;

import java.io.PrintStream;

import java.net.Socket;

public class S\_AsyncTask extends AsyncTask<String,Void,Void> {

private static final String IP="192.168.4.1";

private static final int PORT = 8080;

private Socket client = null;

private PrintStream out = null;

@Override

protected Void doInBackground(String... params){

String str = params[0];

try {

client = new Socket(IP,PORT);

client.setSoTimeout(8080);

out = new PrintStream(client.getOutputStream());

out.print(str);

out.flush();

if(client == null){

return null;

} else {

out.close();;

client.close();

}

} catch (IOException e){

e.printStackTrace();

}

return null;

}

}