<https://www.cnblogs.com/jpwz/p/5695093.html>

创建服务器端serverSocket

[复制代码](javascript:void(0);)

1 import java.io.BufferedReader;

2 import java.io.IOException;

3 import java.io.InputStream;

4 import java.io.InputStreamReader;

5 import java.io.OutputStream;

6 import java.io.PrintWriter;

7 import java.net.ServerSocket;

8 import java.net.Socket;

9

10 /\*\*

11 \* 服务端

12 \* @author Administrator

13 \*

14 \*/

15 public class Server {

16

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

18 //创建一个服务器端socket，指定绑定的端口号，并监听此端口

19 ServerSocket serverSocket = new ServerSocket(8888);

20 //调用accept()方法开始监听，等待客户端的连接

21 System.out.println("\*\*\*\*\*\*\*\*\*\*服务器即将启动，等待客户端的连接\*\*\*\*\*\*\*\*\*\*\*\*\*");

22 Socket socket = serverSocket.accept();

23 //获取输入流，并读取客户端信息

24 InputStream inp = socket.getInputStream();

25 //把字节流转换成字符流

26 InputStreamReader isr = new InputStreamReader(inp);

27 //为字符流增加缓冲区

28 BufferedReader bfr = new BufferedReader(isr);

29 String info = null;

30 while((info=bfr.readLine())!=null){//循环读取数据

31 System.out.println("我是服务器，客户端说："+info);

32 }

33 socket.shutdownInput();//关闭输入流

34 //向客户端传递的信息

35 OutputStream ots = socket.getOutputStream();

36 PrintWriter pw = new PrintWriter(ots);

37 pw.write("欢迎登陆");

38 pw.flush();

39

40 //关闭资源

41 pw.close();

42 ots.close();

43 bfr.close();

44 isr.close();

45 inp.close();

46 socket.close();

47 serverSocket.close();

48

49 }

50

51 }

[复制代码](javascript:void(0);)

创建客户端socket

[复制代码](javascript:void(0);)

1 import java.io.BufferedReader;

2 import java.io.IOException;

3 import java.io.InputStream;

4 import java.io.InputStreamReader;

5 import java.io.OutputStream;

6 import java.io.PrintWriter;

7 import java.net.Socket;

8 import java.net.UnknownHostException;

9

10 /\*\*

11 \* 客户端

12 \* @author Administrator

13 \*

14 \*/

15 public class Client {

16

17 public static void main(String[] args) {

18 try {

19 //创建一个客户端socket

20 Socket socket = new Socket("localhost",8888);

21 //向服务器端传递信息

22 OutputStream ots = socket.getOutputStream();

23 PrintWriter pw = new PrintWriter(ots);

24 pw.write("用户名：admin;密码：123");

25 pw.flush();

26 //关闭输出流

27 socket.shutdownOutput();

28 //获取服务器端传递的数据

29 InputStream is = socket.getInputStream();

30 InputStreamReader isr = new InputStreamReader(is);

31 BufferedReader br = new BufferedReader(isr);

32 String info = null;

33 while((info=br.readLine())!=null){

34 System.out.println("我是客户端，服务器说："+info);

35 }

36 //关闭资源

37 br.close();

38 isr.close();

39 is.close();

40 pw.close();

41 ots.close();

42 socket.close();

43 } catch (UnknownHostException e) {

44 e.printStackTrace();

45 } catch (IOException e) {

46 e.printStackTrace();

47 }

48 }

49

50 }

[复制代码](javascript:void(0);)

先启动服务器端，再启动客户端

服务器端打印结果为

\*\*\*\*\*\*\*\*\*\*服务器即将启动，等待客户端的连接\*\*\*\*\*\*\*\*\*\*\*\*\*

我是服务器，客户端说：用户名：admin;密码：123

客户端打印结果

我是客户端，服务器说：欢迎登陆