

```
package com.sxt.server;

import java.io.BufferedWriter;
import java.io.File;
import java.io.FileWriter;
import java.io.IOException;
import java.io.InputStream;
import java.io.OutputStreamWriter;
import java.net.ServerSocket;
import java.net.Socket;
import java.util.Date;

/**
 * 目标：使用serverSocket建立与浏览器的连接获取请求协议
 * @author 江
 *
 */

public class Server02 {
    private ServerSocket serverSocket;

    public static void main(String[] args) {
        Server02 server=new Server02();
        server.start();
    }

    //启动服务
    public void start() {
        try {
            serverSocket=new ServerSocket(8888);
            receive();
        } catch (IOException e) {
            System.err.println("服务器启动失败...");
        }
    }
}
```

```
}
```

```
}
```

```
//接受连接
```

```
public void receive() {
```

```
    try {
```

```
        Socket client=serverSocket.accept();
```

```
        System.err.println("一个客户端建立了连接");
```

```
        //获取请求协议
```

```
        InputStream is=client.getInputStream();
```

```
byte[] datas=new byte[1024*1024];
```

```
int len=is.read(datas);
```

```
String requestInfo=new String(datas,0,len);
```

```
System.err.println(requestInfo);
```

```
StringBuilder content=new StringBuilder();
```

```
content.append("<html>");
```

```
content.append("<head>");
```

```
content.append("<title>");
```

```
content.append("服务器响应成功");
```

```
content.append("</title>");
```

```
content.append("</head>");
```

```
content.append("<body>");
```

```
content.append("shsxt server终于回来了....");
```

```
content.append("</body>");
```

```
content.append("</html>");
```

```
int length=content.toString().getBytes().length;    //必须获取字节长
```

度

```
StringBuilder responseInfo=new StringBuilder();
```

```
String blank="";
```

```
String CRLF="\r\n";
```

```
//返回
```

```

//1. 响应的状态行: HTTP/1.1 200 OK
responseInfo.append("HTTP/1.1").append(blank);
responseInfo.append(200).append(blank);
responseInfo.append("OK").append(CRLF);

//2. 响应头(最后一行存在空行):
/*
 * Date:Mon, 31Dec209904:25:57GMT
 * Server:shsxt Server/0.0.1;charset=GBK
 * Content-type:text/html
 * Content-length:39725426
 */
responseInfo.append("Date:").append(new Date()).append(CRLF);
responseInfo.append("Server:").append("shsxt
Server/0.0.1;charset=GBK").append(CRLF);
responseInfo.append("Content-type:text/html").append(CRLF);
responseInfo.append(" Content-length:").append(length).append(CRLF);

//3. 正文
responseInfo.append(content.toString());

//写出到客户端
BufferedWriter bw=new BufferedWriter(new
OutputStreamWriter(client.getOutputStream()));
bw.write(responseInfo.toString());
bw.flush();

is.close();
bw.close();

} catch (IOException e) {
    System.err.println("客户端错误");
}

}

```

//停止服务

```
public void stop() {
```

```
}
```

```
}
```