

Multiserver and clients (Sockets TCP and threads)

Multiserver

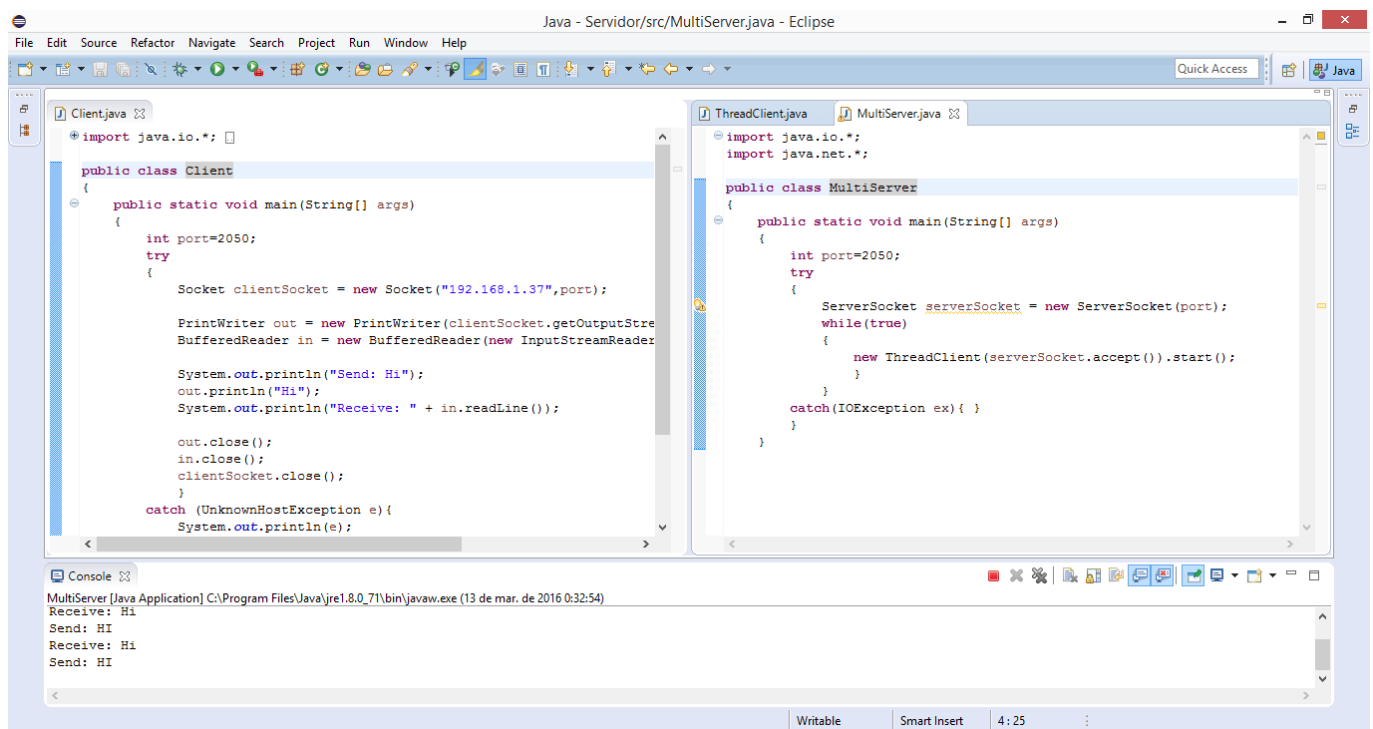
[crayon-6a9d4ef872c8b668302579/]

ThreadClient

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Client

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```
Java - Servidor/src/MultiServer.java - Eclipse
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Quick Access Java

Client.java
import java.io.*;

public class Client
{
    public static void main(String[] args)
    {
        int port=2050;
        try
        {
            Socket clientSocket = new Socket("192.168.1.37",port);

            PrintWriter out = new PrintWriter(clientSocket.getOutputStream());
            BufferedReader in = new BufferedReader(new InputStreamReader(clientSocket.getInputStream()));

            System.out.println("Send: Hi");
            out.println("Hi");
            System.out.println("Receive: " + in.readLine());

            out.close();
            in.close();
            clientSocket.close();
        }
        catch (UnknownHostException e) {
            System.out.println(e);
        }
    }
}

ThreadClient.java
import java.io.*;
import java.net.*;

public class ThreadClient
{
    public static void main(String[] args)
    {
        int port=2050;
        try
        {
            ServerSocket serverSocket = new ServerSocket(port);
            while(true)
            {
                new ThreadClient(serverSocket.accept()).start();
            }
        }
        catch(IOException ex){ }
    }
}

MultiServer.java
import java.io.*;
import java.net.*;

public class MultiServer
{
    public static void main(String[] args)
    {
        int port=2050;
        try
        {
            ServerSocket serverSocket = new ServerSocket(port);
            while(true)
            {
                new ThreadClient(serverSocket.accept()).start();
            }
        }
        catch(IOException ex){ }
    }
}

Console
MultiServer [Java Application] C:\Program Files\Java\jre1.8.0_71\bin\javaw.exe (13 de mar. de 2016 0:32:54)
Receive: Hi
Send: Hi
Receive: Hi
Send: Hi
```