

CS ClientServer Version control

Current File

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Project

ClientServer ~/Desktop/Java 8/ClientServer

> .idea

> .mvn

out

artifacts

ClientServer.jar1

ClientServer.jar

ClientServer.jar2

ClientServer.jar

src

main

java

chapter33

Client

CombinedClientServer

Server

com.example.clientserver

module-info.java

resources

target

Client.java

Server.java

CombinedClientServer.java

1 package chapter33;

2

3 import javax.swing.\*;

4 import java.awt.\*;

5 import java.awt.event.ActionEvent;

6 import java.awt.event.ActionListener;

7 import java.io.DataInputStream;

8 import java.io.DataOutputStream;

9 import java.io.IOException;

10 import java.net.Socket;

11

12 public class Client {

13

14 // TextArea to display the results from the server

14 4 usages

15 private static JTextArea resultTextArea;

16

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

18 // Create the main frame

19 JFrame frame = new JFrame( title: "Client");

20 frame.setDefaultCloseOperation(JFrame.EXIT\_ON\_CLOSE);

21 frame.setSize( width: 400, height: 300);

Terminal

Local

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fiodorculacovschi@Fiodors-MBP ClientServer.jar1 % java -jar ClientServer.jar

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ClientServer > out > artifacts > ClientServer.jar1 > ClientServer.jar

1:19 LF UTF-8 4 spaces



Client

Client

Enter a number to evaluate:

Send Number

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1 package chapter33;

2

3 import javax.swing.\*;

4 import java.awt.\*;

5 import java.io.DataInputStream;

6 import java.io.DataOutputStream;

7 import java.io.IOException;

8 import java.net.ServerSocket;

9 import java.net.Socket;

10 import java.text.SimpleDateFormat;

11 import java.util.Date;

12

13 public class Server {

14

15 // TextArea to display messages from the server

16 4 usages

17

18 private static JTextArea serverMessageTextArea;

19

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

21 // Create the main frame for the server

22 JFrame serverFrame = new JFrame( title: "Server");

23 serverFrame.setDefaultCloseOperation(JFrame.EXIT\_ON\_CLOSE);

Terminal

Local

Local (2)

fiodorculacovschi@Fiodors-MBP ClientServer.jar2 % java -jar ClientServer.jar

ClientServer

src

main

java

chapter33

Server

3:22 LF UTF-8 4 spaces



Server

Tue Nov 28 11:23:34 EST 2023; Server started. Waiting for clients...

## Server

Tue Nov 28 11:23:34 EST 2023; Server started. Waiting for clients...

Number received from client: 1

Number received from client: 2

Number received from client: 3

Number received from client: 44

Number received from client: 567

Number received from client: 890

Number received from client: -9999

Number received from client: 0

## Client

The response from the server is: No, the number is NOT a prime number.

The response from the server is: Yes, the number is a prime number.

The response from the server is: Yes, the number is a prime number.

The response from the server is: No, the number is NOT a prime number.

The response from the server is: No, the number is NOT a prime number.

The response from the server is: No, the number is NOT a prime number.

The response from the server is: No, the number is NOT a prime number.

The response from the server is: No, the number is NOT a prime number.

Enter a number to evaluate:

Send Number