MR Chat Application

Contributions

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- Menu (front and back end)
- Connection (front and back end)
- Message (front and back end)
- List (front)
- Exit (back end)

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- Server (front and back end)
- MyIP (front and back end)
- MyPort (front and back end)
- Terminate (front and back end)
- List (back end)

Instructions to open MR Chat Application (For MAC)

1. Open your Terminal

2. Find the location of MRChatApplication.jar

3. Open the MRChatApplication.jar by by entering this on your terminal (remember that you must be in the same directory in your Terminal of that of the MRChatApplication file is in)

> java -jar "MR Chat Application.jar"

4. Open the MRChatApplication.jar another time or the other user that's connected to the

5. Now that we have 2 running GUI's we are going to do the following steps

Instructions to open MR Chat Application (For PC)

1. Find the location of MRChatApplication.jar

2. Double tap the MRChatApplication.jar file

3. Open the MRChatApplication.jar another time or the other user who you plan on connecting to (that user must be connected to the same wireless network)

4. Now that we have 2 running GUI's we are going to do the following steps

Operating Chat Application

Step 1: The user that will temporarily be the server will need to give the other user their IP address to connect, since upon clicking the "New Chat" button, it will process that thread and will make the page unresponsive until the application is connected to the other user.

Step 2: Then use the second GUI, go on the help drop down menu, choose "connection" and enter the IP address from the GUI that selected new chat, and enter **4332** as your port number.

Step 3: If you connected successfully there will be a pop-up box that says you have connected successfully.

Step 4: To send a message, go to the help button and select send.

Step 5: Type "1" where it says "Enter ID" (initially this program was used to be as a server and application all in one application, but since there were limitations with threads and java fx, then there can only be one connection, hence the first person you connect has an ID of "1") then type your message as well.

Step 6: Messages will only display if you are using eclipse (must implement source file) or are running this program via terminal. However if sending messages back and fourth there maybe a chance of getting a small dialog box, an unimplemented part of the program that was never fully implemented since the eclipse console displayed messages as well as the terminal

Screenshots