# FROM COMMAND LINE

## Commands

### Client

java -cp src -Djavax.net.ssl.trustStore=ssl/Client/public.jks -Djavax.net.ssl.trustStorePassword=password -Djdk.tls.client.protocols=TLSv1.2 Client

### GUI

java -cp src -Djavax.net.ssl.trustStore=ssl/Client/public.jks -Djavax.net.ssl.trustStorePassword=password -Djdk.tls.client.protocols=TLSv1.2 ClientGUI

### Server

java -cp src -Djavax.net.ssl.keyStore=ssl/Server/server.jks -Djavax.net.ssl.keyStorePassword=password -Djdk.tls.server.protocols=TLSv1.2 Server

## Instructions

1. Open two command prompts (Client & Server)
2. cd into the Distributed Computing folder.
3. Run the server command and set a port.
4. Run your client command.
5. Enter “localhost” for the server address and the same port you set in the server.
6. Once connected, In order do any uploading/downloading you have to log on first.
7. Run the following command to logon:

logon admin admin

username and password have been set to admin admin and you will not be able to log on with any other combination.

# FROM INTELLIJ

## Commands

### Client

-Djavax.net.ssl.trustStore=ssl/Client/public.jks -Djavax.net.ssl.trustStorePassword=password -Djdk.tls.client.protocols=TLSv1.2

### GUI

-Djavax.net.ssl.trustStore=ssl/Client/public.jks -Djavax.net.ssl.trustStorePassword=password -Djdk.tls.client.protocols=TLSv1.2

### Server

-Djavax.net.ssl.keyStore=ssl/Server/server.jks -Djavax.net.ssl.keyStorePassword=password -Djdk.tls.server.protocols=TLSv1.2

## Instructions

1. Add the commands to your IntelliJ project.

Run -> Edit Configurations -> Select class -> Add VM Options -> Add command to VM line and apply changes.

1. Apply changed for all 3 Classes and then you should be able to run same as before.
2. Run the server
3. Run your client
4. Enter localhost for the server address and the same port you set in the server.
5. Once connected, In order do any uploading/downloading you have to log on first.
6. Run the following command to logon:

logon admin admin