

M1 Informatique Introduction aux Systèmes Distribués

TP Chat application

SUDAKOV Evgenii

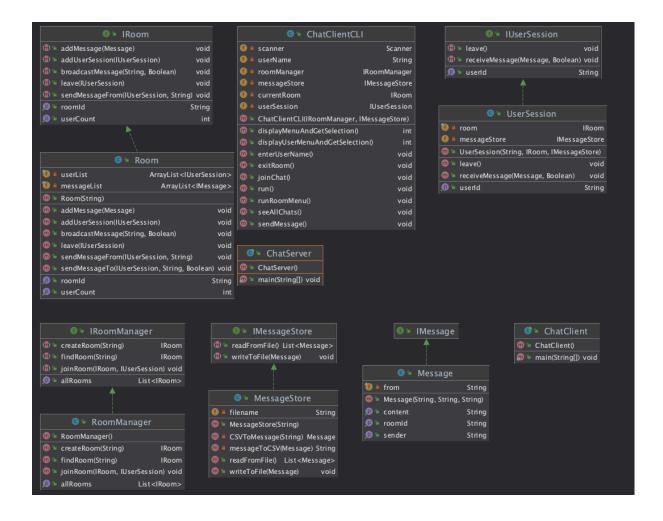
MATYASIK Lukasz

February 2023

ChatServer, ChatClient, ChatClientCli and other classes was implemented.

For communication and composing, RoomManager was implemented. This class is "shared" between client and server with Java RMI technology. Also like this every Room is exported using UnicastRemoteObject.exportObject.

When a user joins the room, a UserSession class instance is created. This is middle-layer between the user and room.



User can

Join the room

- Send the broadcast message to every user in room
- leave room
- know when other user join or leaves the room
- User has access to previous messages
- Messages in each room are persistent. They are store with MessageStore class in .txt file

https://github.com/YudjinSud/java-rmi-chat

Instruction on how to run application is in repository description