Contact

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Building RMI-based distributed systems

1. Objectives

- Building distributed systems
- Synchronous network communication systems
- Introduction to Java Remote Method Invocation (RMI)

2. Prerequisites

- Java programming

3. Description

a) Build an RMI-based chat system, where participants can dynamically join, leave, exchange messages

b) Add a history feature to the chat system

c) Make the chat system persistent (persistent history of messages)

d) Implement a graphical user interface for the chat system

4. Software environment

Used software
- Java 2 SDK
- IDE (e.g. Eclipse)

Directory organization

Organize your directory as follows:
- src/
    - .java files
- classes/
    - .class files
- doc/
    - Javadoc API and HTML files
- lib/
    - .jar files