



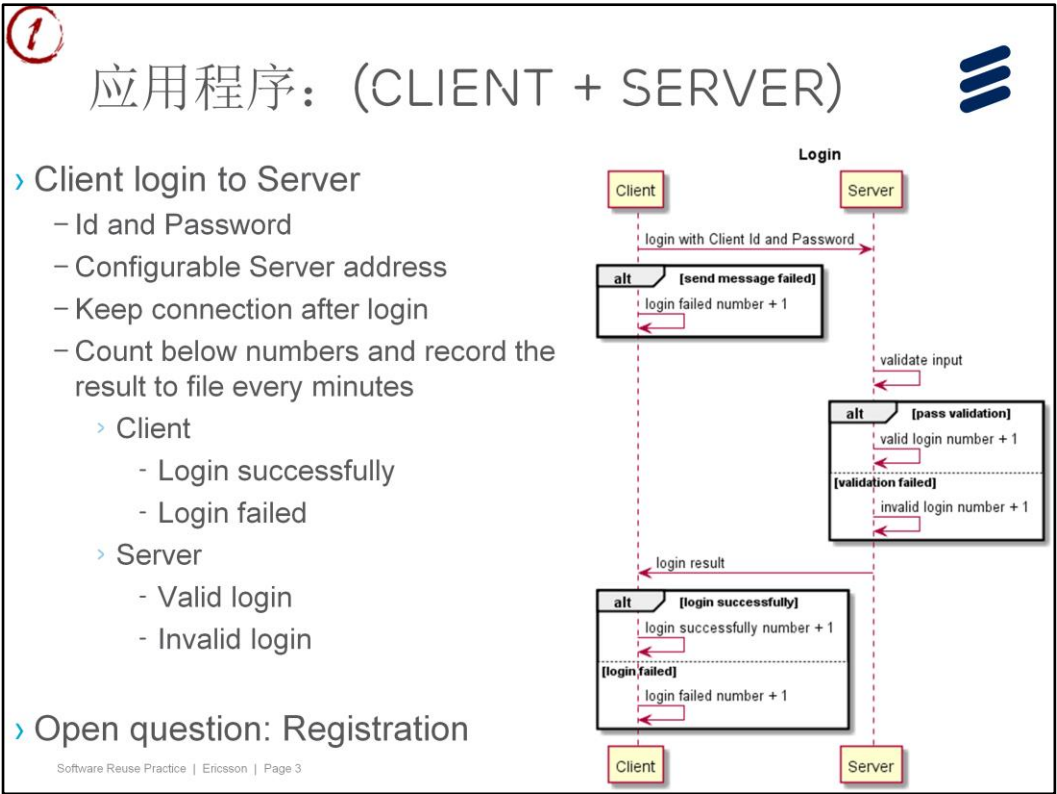
软件复用 - 上机实践

爱立信上海研发

简介



- › 形式: Team Work
- › 环境: GitHub, Java, Junit
- › 课时: 总共12次, 每次90分钟
- › 提交内容:
 - 代码: 源代码, 测试代码 (单元测试, 功能测试)
 - 文档: 复用文档, 程序文档, 管理文档 (计划/总结, 分工/完成)



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应用程序：(CLIENT + SERVER)



- › Client send messages to Server after login
 - Server validates the received messages and sends responses
 - › Ignore messages before Client login
 - › Do not allow Client to send more than 5(configurable) messages/second
 - Ignore further messages without response
 - › Do not allow Client to send more than 100(configurable) messages/login
 - Response “Redo login” for the 100th message
 - Ignore further messages before Client re-login
 - Keep the connection to Client
 - Not count previous ignored messages in this 100
 - › Response OK if validation passed
 - Client should automatically re-login after receiving “Redo login”
 - Count below numbers and record the result to file every minutes
 - › Client: Send messages number
 - › Server: Received/Ignored messages number

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应用程序：(CLIENT + SERVER)



- › Server notify other login Clients the received messages
 - Server forward the received valid messages to every other Clients in login status
 - Client acknowledge the messages from Server
 - Count below numbers and record the result to file every minutes
 - › Server: Forwarded messages number, +1 for every message every client
 - › Client: Received messages number

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应用程序：(CLIENT + SERVER)

