

<<Java Class>> ServerSpawnThread receivePacket: DatagramPacket sendSocket: DatagramSocket readRequest: boolean writeRequest: boolean a fileName: String mode: String clientPort: int SFMAX PACKET SIZE: int SFMAX BLOCK SIZE: int SFOP RRQ: byte SFOP WRQ: byte SFOP DATAPACKET: byte SFOP ACK: byte S OP ERROR: byte ServerSpawnThread(Server, DatagramPacket) o run():void sendData(String):void readFile(String):byte[] sendFile(byte[]):void getData(String):void writeFile(String,ByteArrayOutputStream):void receiveFile():ByteArrayOutputStream acknowledge(byte[]):void checkLastPacket(DatagramPacket):boolean parseMessage():void sendPacket(DatagramPacket):void o createPacketData():byte[] sendMessage(DatagramPacket):void printPacketInfo(DatagramPacket):void

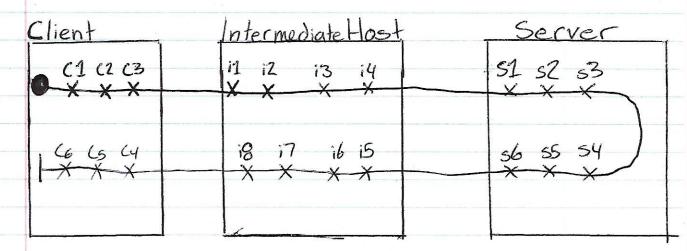
## <<Java Class>> • InvalidMessageFormatException

server

SerialVersionUID: long

√ InvalidMessageFormatException(String)

√InvalidMessageFormatException()



C1: form message
C2: create datagram
C3: send datagram
C4: recieve datagram
C5: extract message
C6: print message

11: recieve datagram
12: extract message
13: create datagram
14: send datagram
16: recieve datagram
16: extract message
17: cveate datagram
18: send datagram

S1: recieve datagram
S2: extract mossage
S3: parse message
S4: form response
S5: create datagram
S6: send datagram