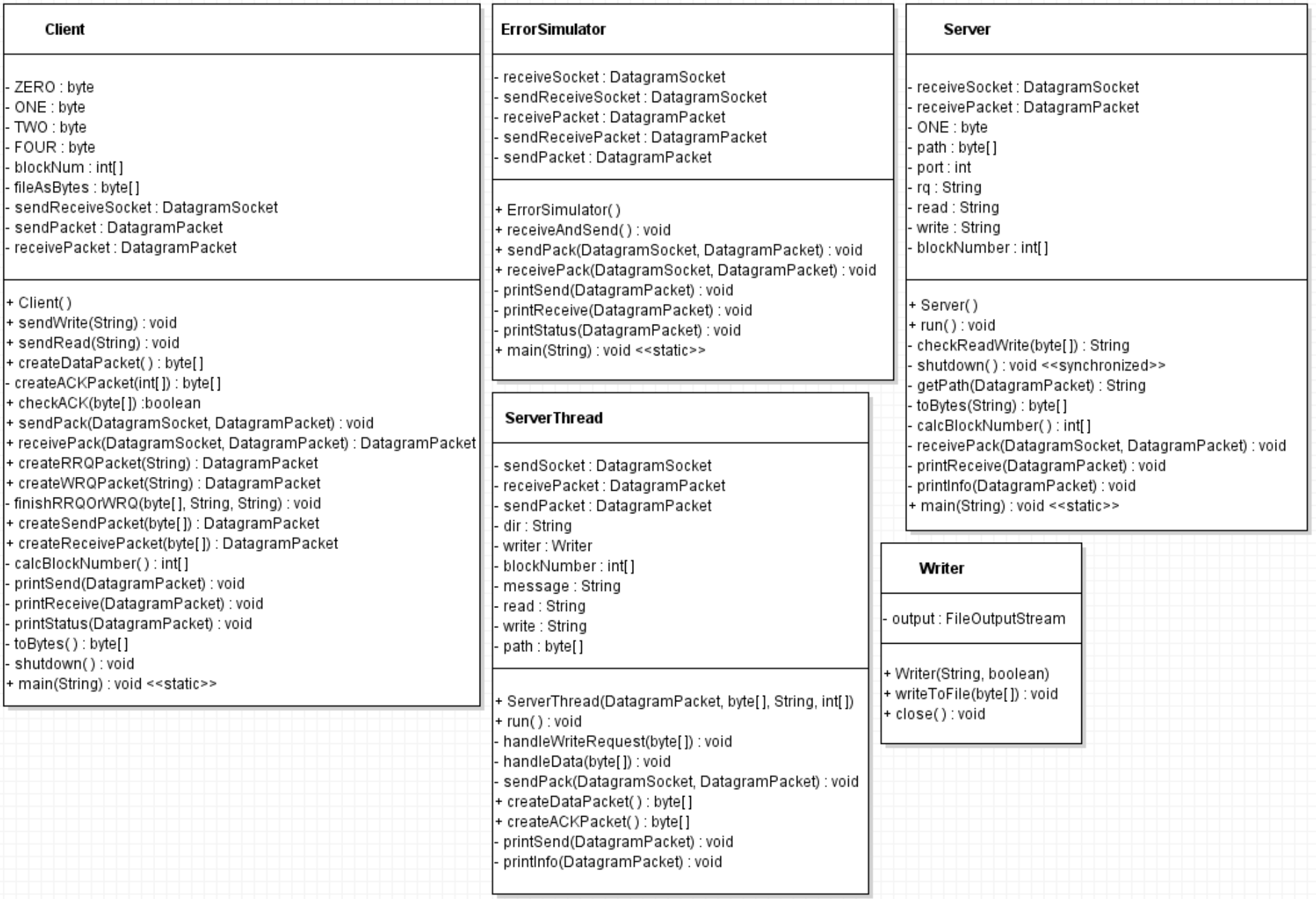
Client
- ZERO : byte
- ONE : byte
- TWO : byte
- FOUR : byte
- blockNum : int[]
- fileAsBytes : byte[]
- sendReceiveSocket : DatagramSocket
- sendPacket : DatagramPacket
- receivePacket : DatagramPacket
+ Client()
+ sendWrite(String) : void
+ sendRead(String) : void
+ createDataPacket() : byte[]
- createACKPacket(int[]) : byte[]
+ checkACK(byte[]) :boolean
+ sendPack(DatagramSocket, DatagramPacket) : void
+ receivePack(DatagramSocket, DatagramPacket) : DatagramPacket
+ createRRQPacket(String) : DatagramPacket
+ createWRQPacket(String) : DatagramPacket
- finishRRQOrWRQ(byte[], String, String) : void
+ createSendPacket(byte[]) : DatagramPacket
+ createReceivePacket(byte[]) : DatagramPacket
- calcBlockNumber() : int[]
- printSend(DatagramPacket) : void
- printReceive(DatagramPacket) : void
- printStatus(DatagramPacket) : void
- toBytes() : byte[]
- shutdown() : void
+ main(String) : void <<static>>
ErrorSimulator
- receiveSocket : DatagramSocket
- sendReceiveSocket : DatagramSocket
- receivePacket : DatagramPacket
- sendReceivePacket : DatagramPacket
- sendPacket : DatagramPacket
+ ErrorSimulator()
+ receiveAndSend() : void
+ sendPack(DatagramSocket, DatagramPacket) : void
+ receivePack(DatagramSocket, DatagramPacket) : void
- printSend(DatagramPacket) : void
- printReceive(DatagramPacket) : void
- printStatus(DatagramPacket) : void
+ main(String) : void <<static>>
ServerThread
- sendSocket : DatagramSocket
- receivePacket : DatagramPacket
- sendPacket : DatagramPacket
- dir : String
- writer : Writer
- blockNumber : int[]
- message : String
- read : String
- write : String
- path : byte[]
+ ServerThread(DatagramPacket, byte[], String, int[])
+ run() : void
- handleWriteRequest(byte[]) : void
- handleData(byte[]) : void
- sendPack(DatagramSocket, DatagramPacket) : void
+ createDataPacket() : byte[]
+ createACKPacket() : byte[]
- printSend(DatagramPacket) : void
- printInfo(DatagramPacket) : void
Server
- receiveSocket : DatagramSocket
- receivePacket : DatagramPacket
- ONE : byte
- path : byte[]
- port : int
- rq : String
- read : String
- write : String
- blockNumber : int[]
+ Server()
+ run() : void
- checkReadWrite(byte[]) : String
- shutdown() : void <<synchronized>>
- getPath(DatagramPacket) : String
- toBytes(String) : byte[]
- calcBlockNumber() : int[]
- receivePack(DatagramSocket, DatagramPacket) : void
- printReceive(DatagramPacket) : void
- printInfo(DatagramPacket) : void
+ main(String) : void <<static>>
Writer
- output : FileOutputStream
+ Writer(String, boolean)
+ writeToFile(byte[]) : void
+ close() : void