Server

- recieveSocket: DatagramSocket

- sendSocket: DatagramSocket

- recievePacket: DatagramPacket

- sendPacket: DatagramPacket

+ READ: byte[0, 3] = {0, 3, 0, 1}

+ WRITE: byte[0, 3] = {0, 4, 0, 0}

+ Server(): void

+ sendRecieveServer(): void

+ main(args: String[]): void

Host

- recieveSocket: DatagramSocket

- sendSocket: DatagramSocket

- socket: DatagramSocket

- recievePacket: DatagramPacket

- sendPacket: DatagramPacket

+ Host(): void

+ recieveAndSend(): void

+ main(args: String[]): void

Client

- socket: DatagramSocket

- recievePacket: DatagramPacket

- sendPacket: DatagramPacket

+ Client(): void

+ sendRecieveDatagram(): void

+ main(args: String[]): void

```
      :Client              :Host                :Server

        ┌─┐                 
        │ │ Create
        │ │◄┐ DatagramPacket
        │ │─┘    1
        │ │              ┌─┐
        │ │──────────────►│ │  Wait to receive
        │ │    Send       │ │◄┐   request
        │ │ DatagramPacket│ │─┘
        │ │  1 to port 23 │ │         Send
        │ │               │ │   DatagramPacket           ┌─┐
        │ │               │ │    1 to port 69            │ │ Wait to receive
        │ │               │ │───────────────────────────►│ │◄┐  request
        │ │◄──────────────│ │◄───────────────────────────│ │─┘
        │ │   Send Read/Write      Send Read/Write       │ │
        │ │   acknowledgement      acknowledgement        │ │
        └─┘               └─┘                            └─┘
```