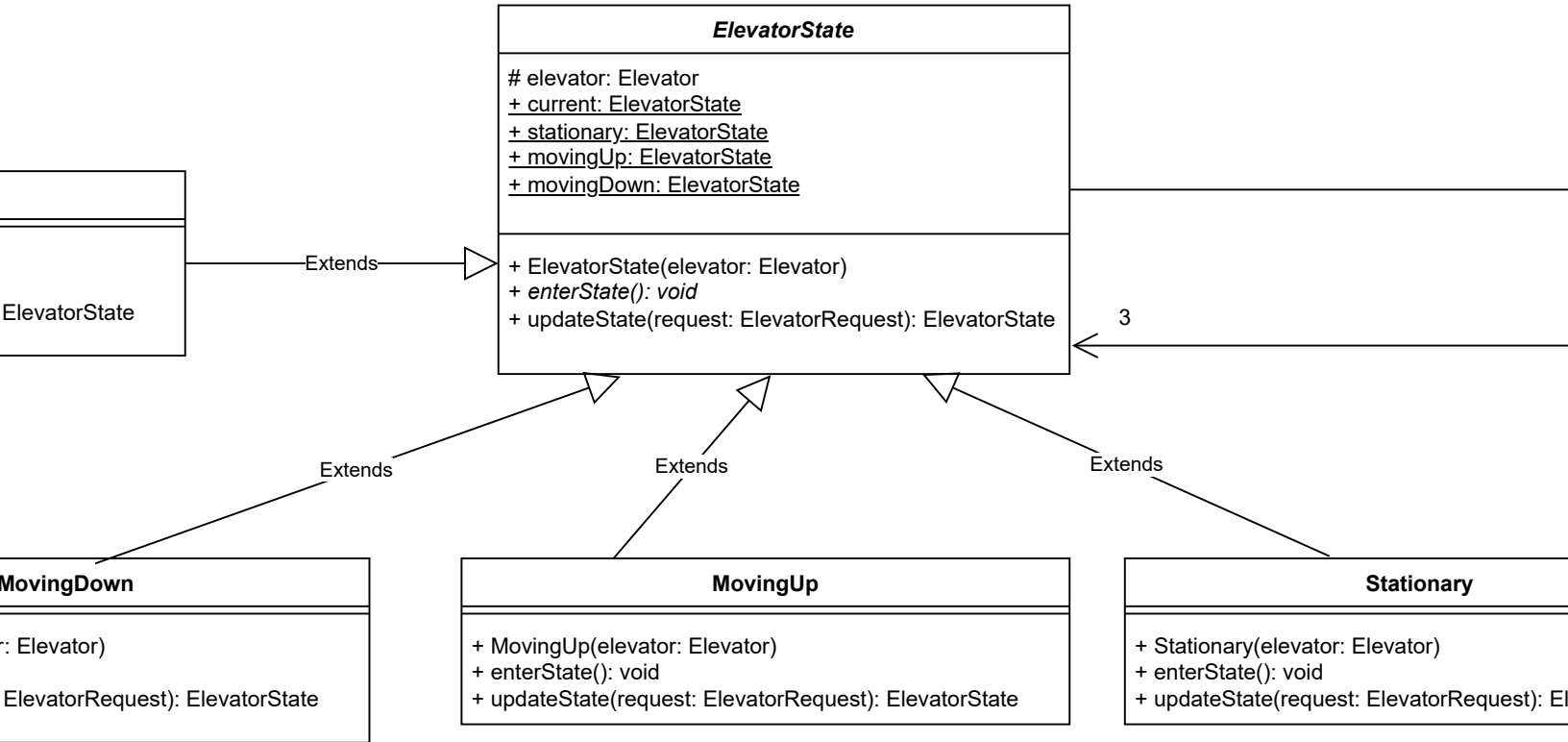
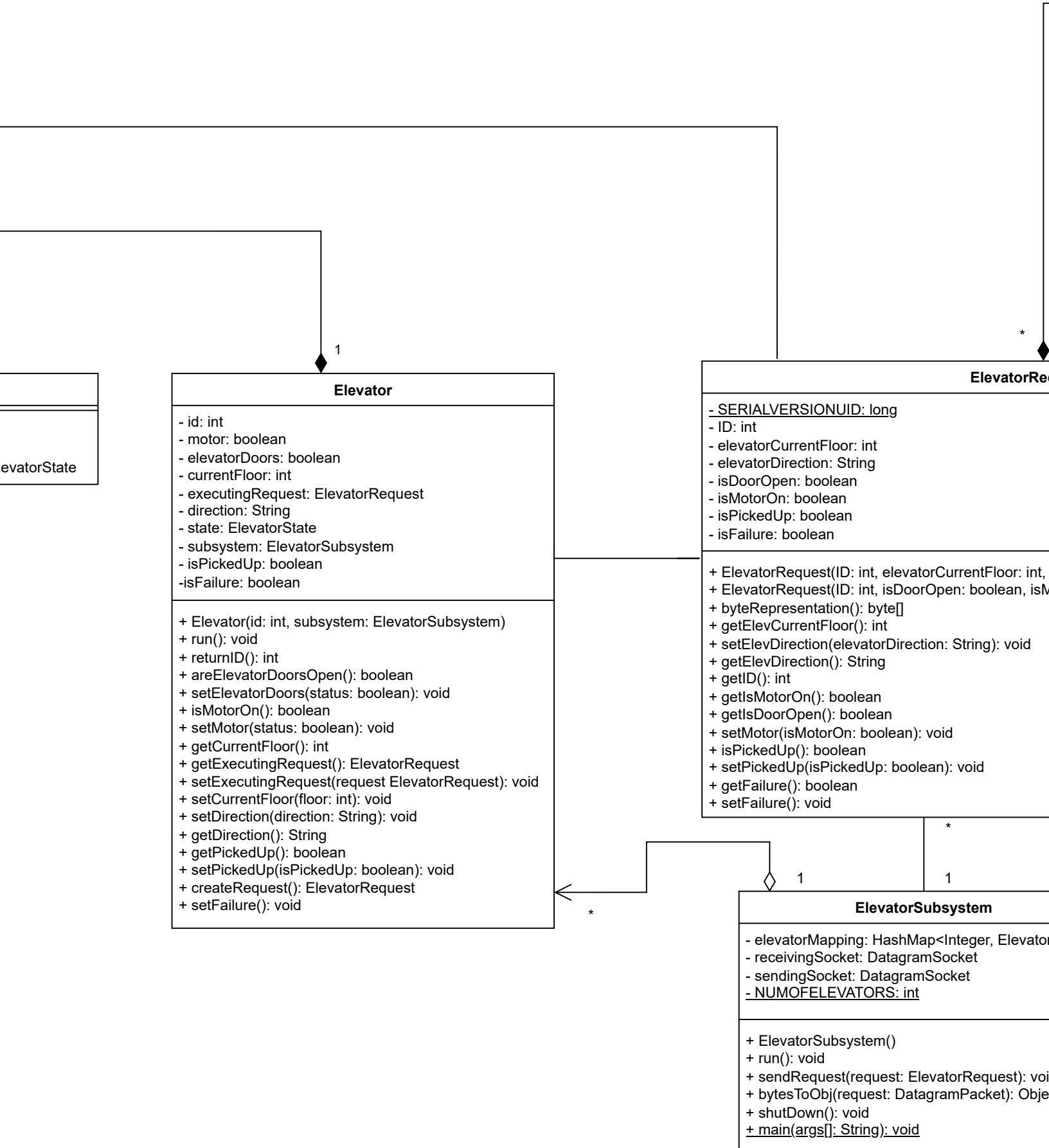
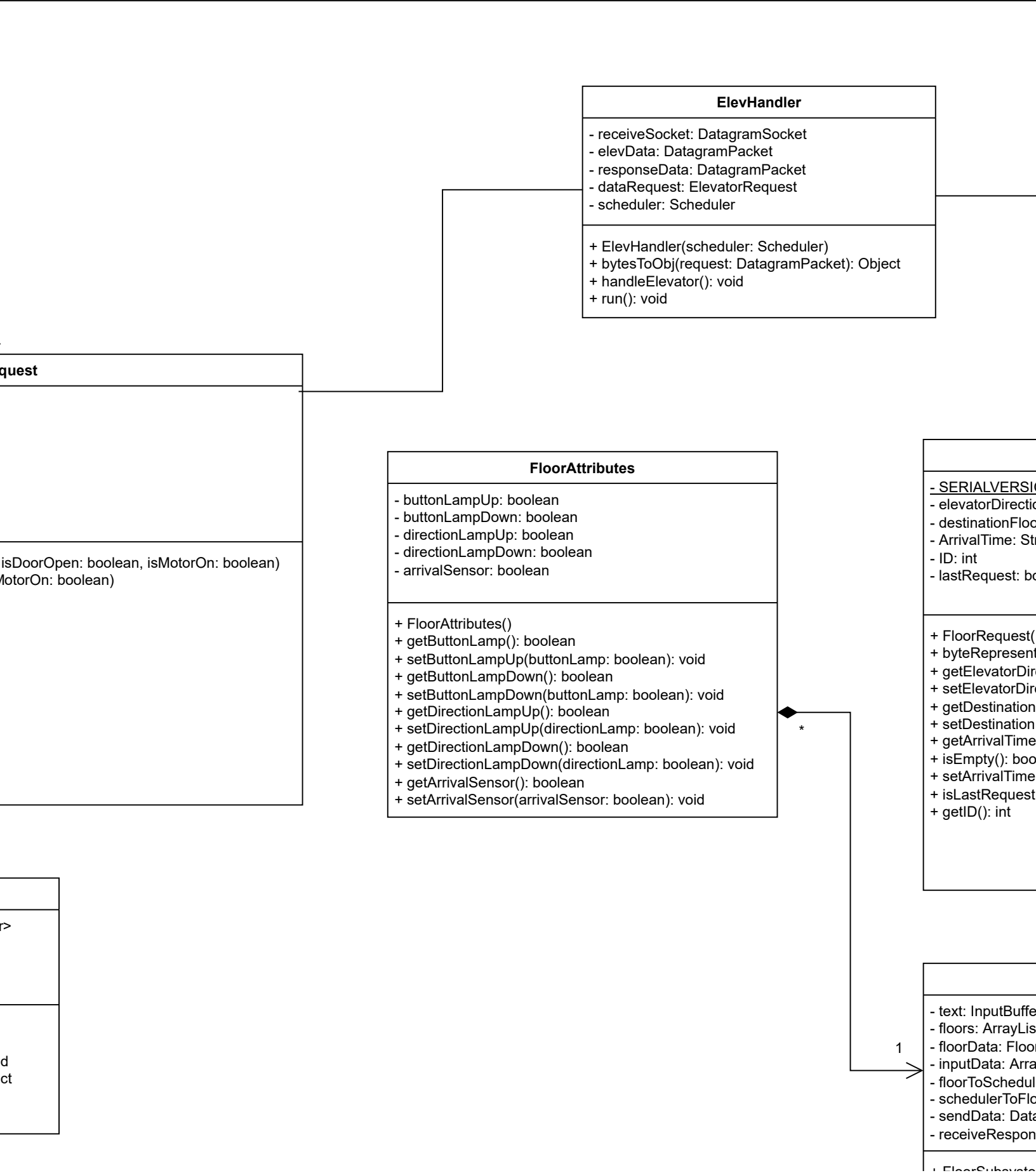


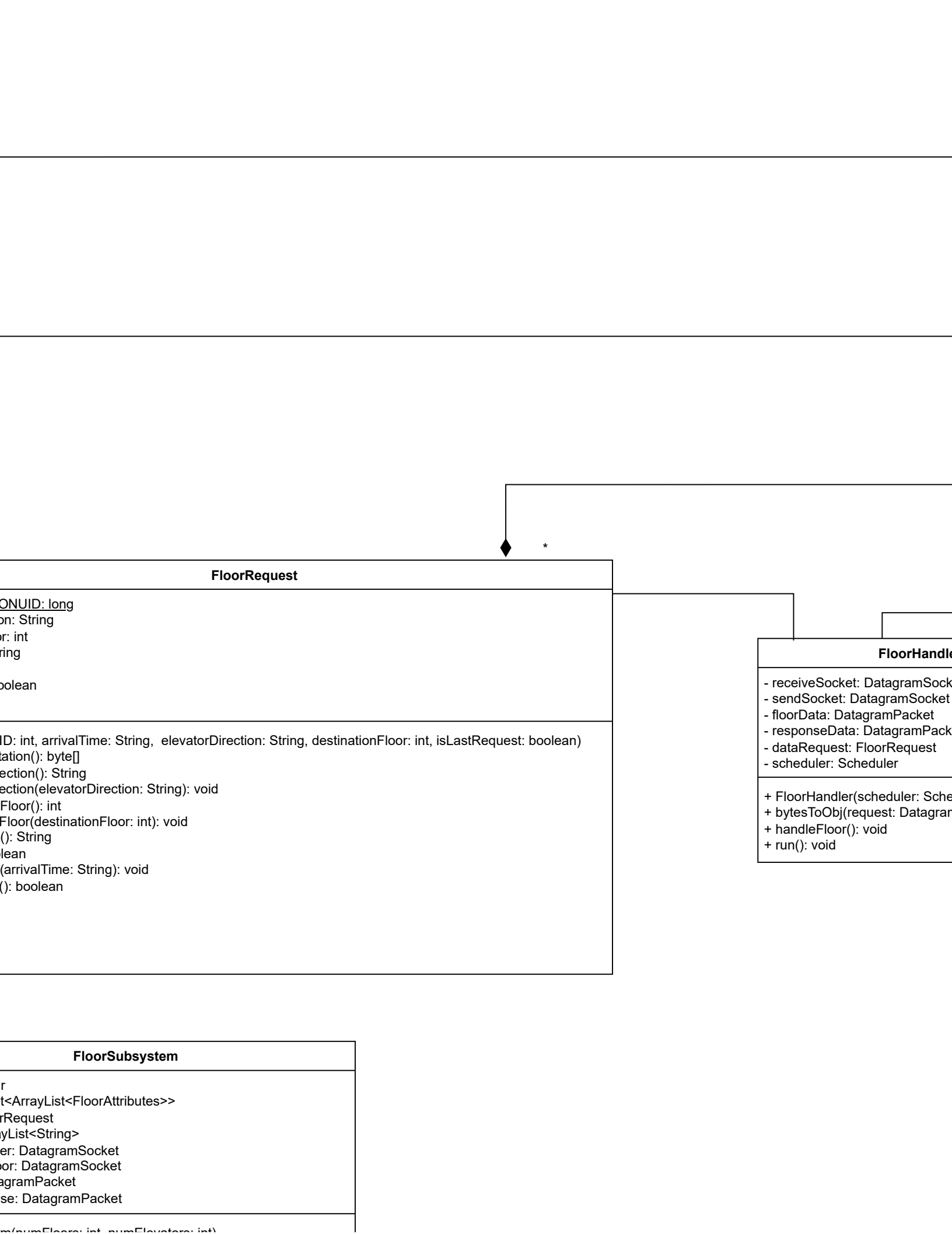
Failure
+ Failure(elevator: Elevator) + enterState(): void + updateState(request: ElevatorRequest):

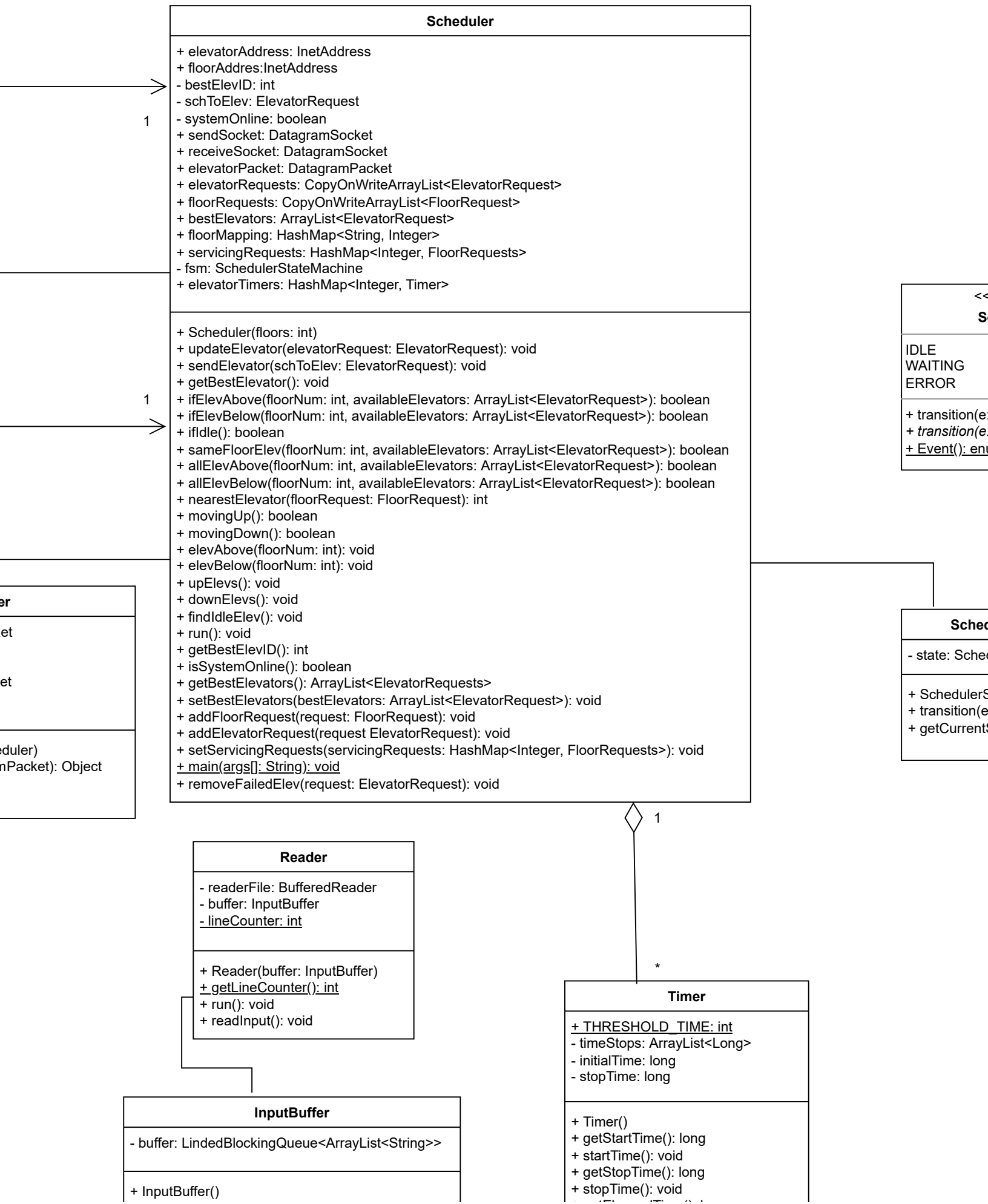
+ MovingDown(elevator) + enterState(): void + updateState(request:

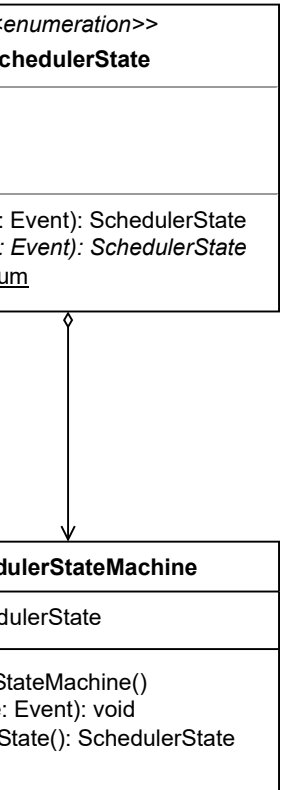













```
+ FloorSubsystem
+ getInputData()
+ setLamps(): void
+ resetButtonLamp()
+ setDirectionalLamp()
+ setArrivalSensor()
+ createNewRecord()
+ sendDataToServer()
+ sendFloorMessage()
+ run(): void
+ main(args[]): String
```

```
init(numFloors: int, numElevators: int)
: ArrayList<String>
void
mps(pickUpFloor: int): void
ampsAllFloors(direction: String, elevatorID: int): void
or(elevatorID: int, currentFloor: int, direction: String): void
quest(isLastRequest: boolean): void
cheduler(isLastRequest: boolean): void
sage(): void
tring): void
```



+ getDataFromInputBuffer(): ArrayList<String>
+ sendToInputBuffer(data: ArrayList<String>): void
+ receiveFromInputBuffer(): ArrayList<String>

+ getElapsedTime(): long
+ checkFault(): boolean

