

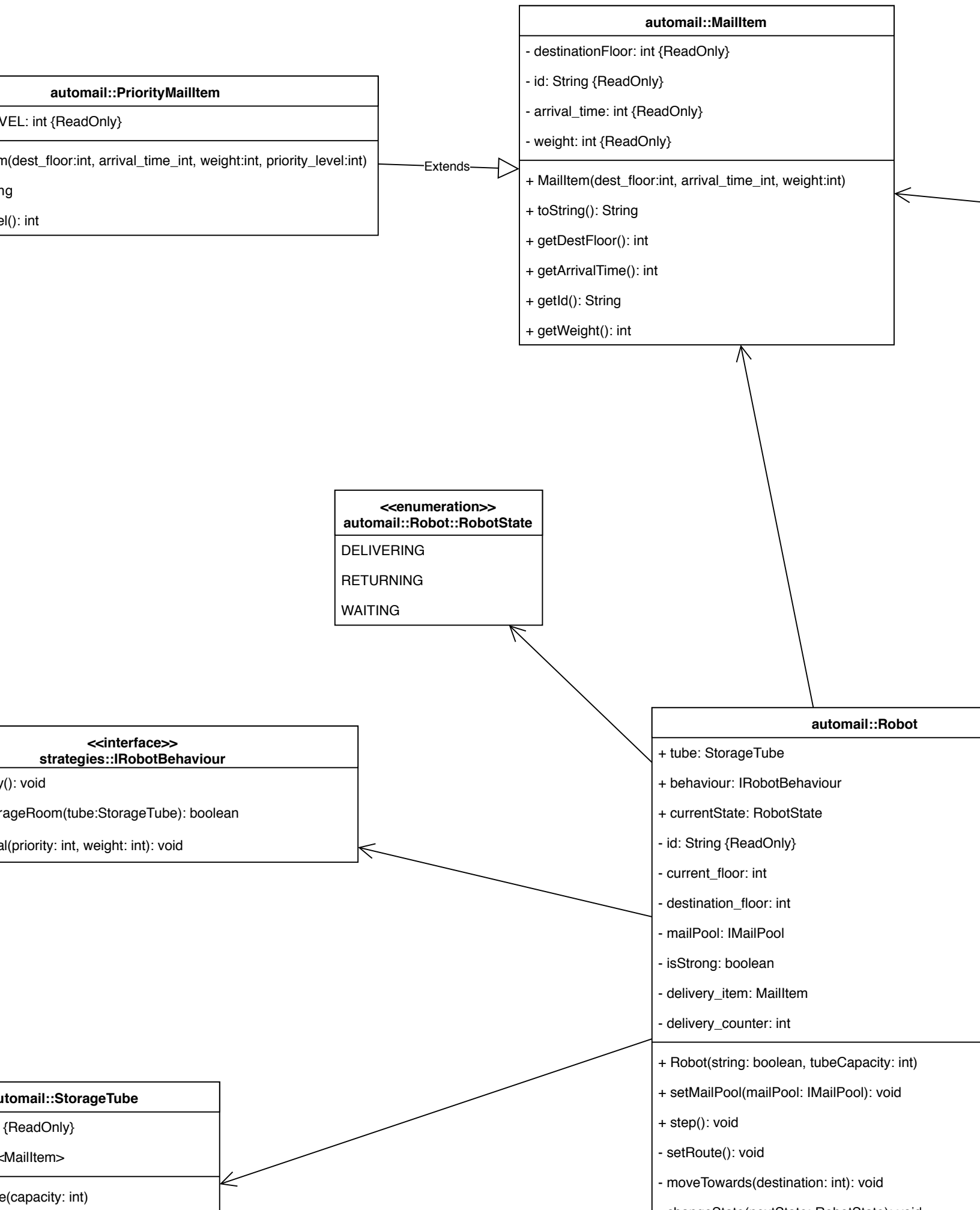
Project Group 13:
-Liam Whittle
-Chris Chapman
-Raymond Sun

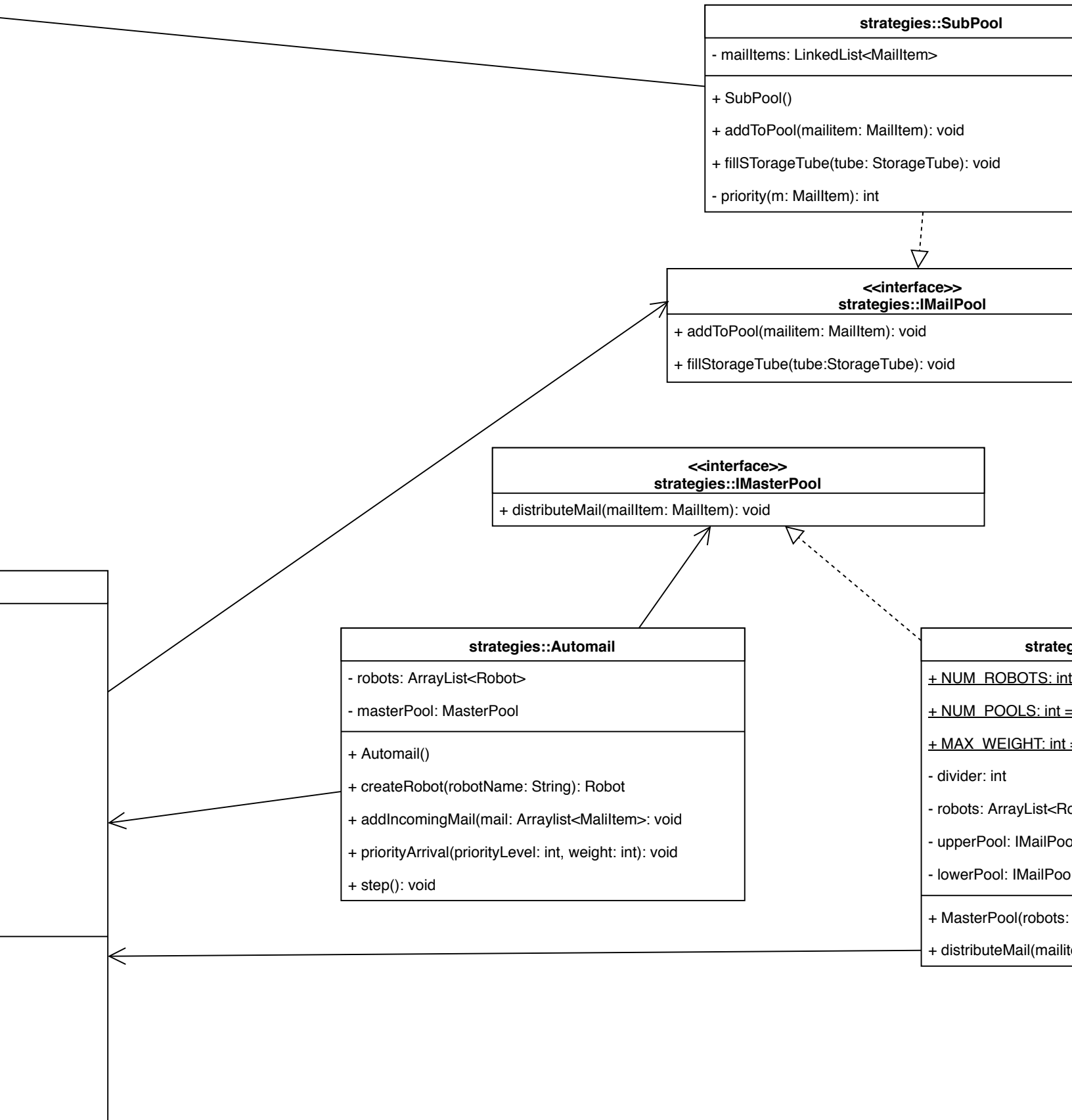
- PRIORITY_LEV
+ PriorityMailIter
+ toString(): Strin
+ getPriorityLeve

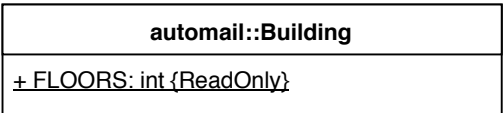
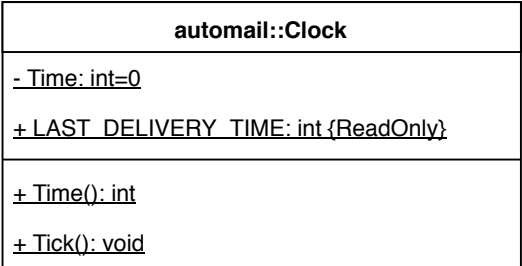
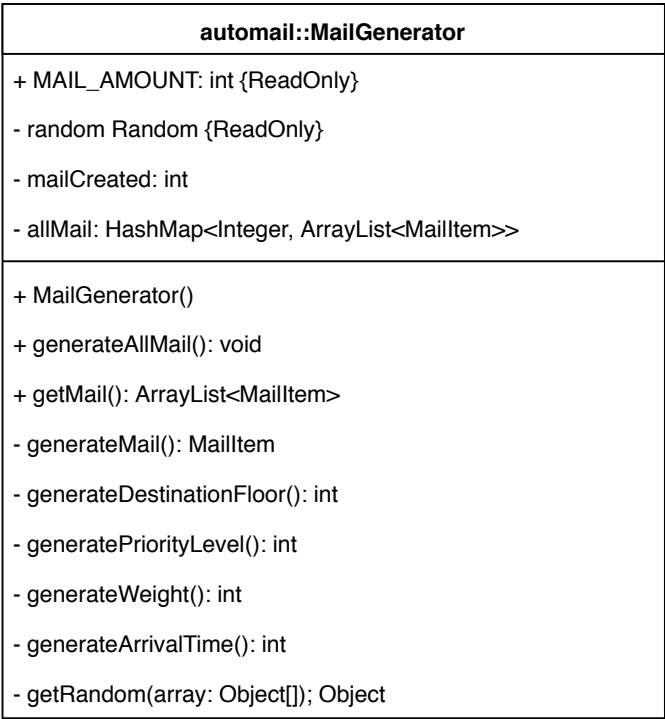
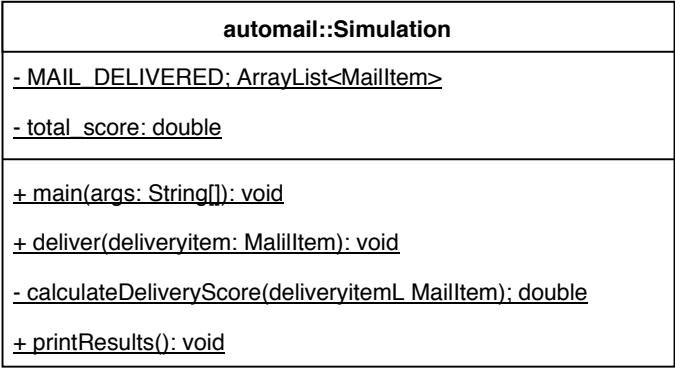
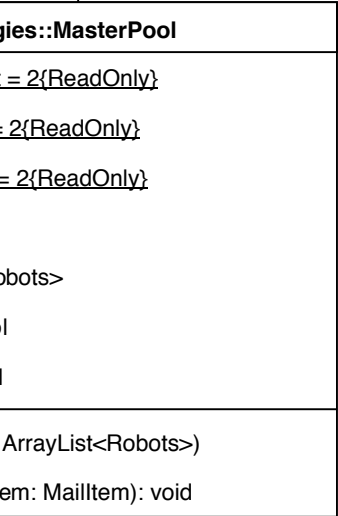
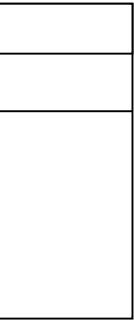
strategies:MyRobotBehaviour
- strong: boolean - newPriority: int
+ MyRobotBehaviour() + startDelivery(): void + priorityArrival(priority: int, weight: int): void + returntoMailRoom(tube: StorageTube): boolean - tubePriority(tube: StorageTube): int

+ startDelivery
+ returnToStor
+ priorityArriva

au
+ capacity: int
+ tube: Stack<
+ StorageTub







+ isFull(): boo

+ isEmpty(): b

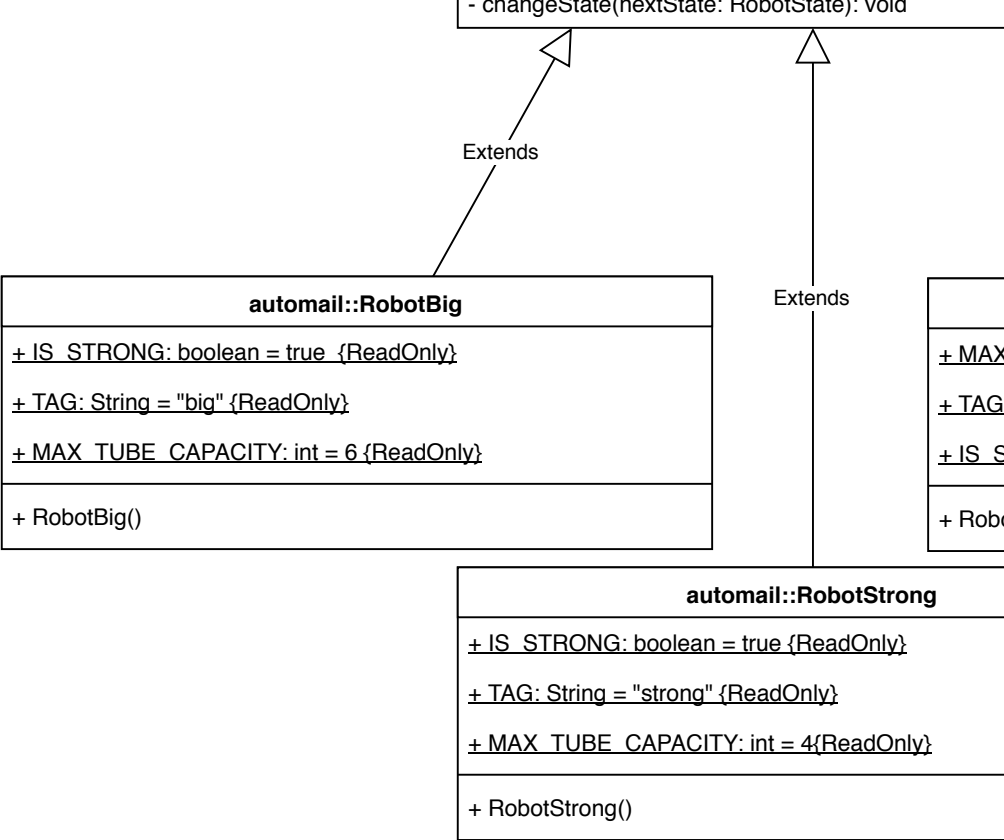
+ peek(): Mail

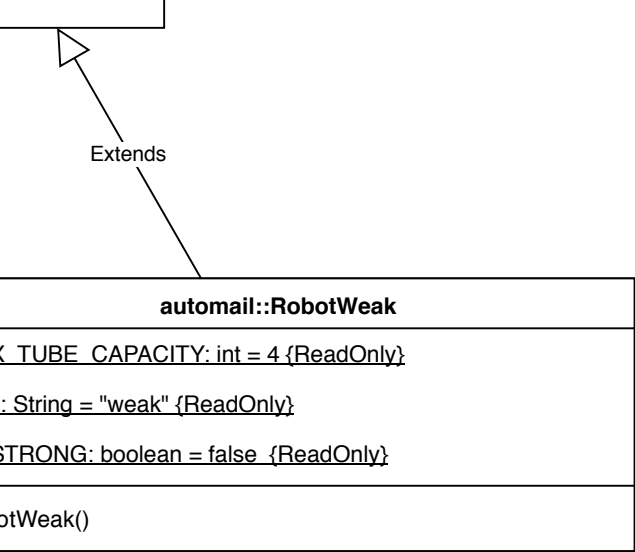
+ pop(): MailIt

+ addItem(iter

+ getSize(): in

lean
boolean
Item
em
m: MaillItem): void
t





+ LOWEST_FLOOR: int=1 {ReadOnly}
+ MAILROOM_LOCATION: int=1 {ReadOnly}

automail::PropertiesLoader
<u>- seed: Integer</u> <u>- timePenalty: Double</u> <u>- mailToCreate: Integer</u> <u>- lastDeliveryTime: Integer</u> <u>- floorsInBuilding: Integer</u> <u>- robotTypes: ArrayList<String></u>
+ loadProperties(): void + getSeed(): integer + getTimePenalty(): Double + getMailToCreate(): Integer + getLastDeliveryTime(): Integer + getFloorsInBuilding(): Integer + getRobotTypes(): ArrayList<String>