Class Diagram - Object Construction View

This Class Diagram UML was Designed by
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Elevator Controller

- overloaded:boolean
- allowed_capacity:double
- emergency:boolean=false
- - - - - - - - - - - - - - - -
+ accelerateUp():void
+ accelerateDown():void
+ signalCarUp():void
+ signalCarDown():void
+ moveCar():void
+ stopCar():void
+ statusCar():void
+ TriggerBrake():void

Door

- state:{open,closed}
- - - - - - - - - - - - - - - -
+ signalDoorClose():void
+ signalDoorOpen():void

Car

- state:{idel,moving}
- direction:{no,up,down}
- requestedList:list
- buttonList:list

1 — Control — 1

1 — Control — 1

1 Control 1

Button Controller

- illuminate:boolean=off
- - - - - - - - - - - - - - - -
+ illuminate():void
+ cancelIlluminate():void

Floor Button

- floor:int
- requestCar:{on,off}
- - - - - - - - - - - - - - - -
+ callElevator(floor):void

Car Buttons

- Obj:Car
- floor_num:int
- - - - - - - - - - - - - - - -
+ requestFloor(floor_num):void

Press

Passenger