

executeState
[elevator.getCurFloor() == elevator.getRequest().getCurFloor()] /
elevator.setFloorToGo(elevator.getRequest().getFloorToGo())

IdleState

executeState
[elevator.getCurFloor() !=
elevator.getRequest().getCurFloor()] /
elevator.setFloorToGo(
elevator.getRequest().getCurFloor())

AcceleratingState

[Elevator within 1 floor of target floor]

DoorOpenState

/ elevator.moveElevator()

DeceleratingState

executeState

DoorClosedState

executeState[elevator.getCurFloor() !=
elevator.getRequest().getFloorToGo] /
elevator.setFloorToGo(elevator.getRequest().getFloorToGo)

executeState[elevator.getCurFloor() ==
elevator.getRequest().getFloorToGo]

DoorError || MotorError

Error

DoorError / Elevator.handleDoorFault()

MotorError / Elevator.exit()

