Moduler

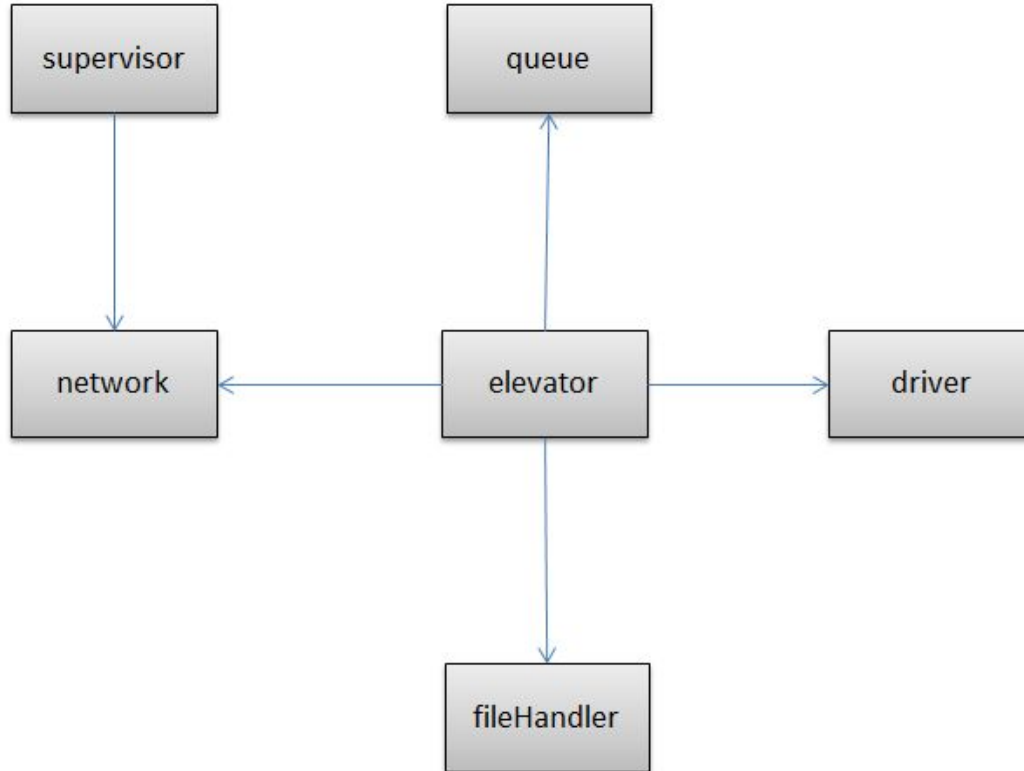## elevator

- elevator: source.Elevator
- [mange kanaler]
- ...

- main
- buttonPressed
- orderDeadline
- errorHandling
- messageHandler
- messageSpammer
- supervisorPinger

queue
+   HallOrdersMatrix: [][] int +   CabOrdersList: [] bool
+   AllOrdersInit +   MergeOrderMatrices +   ReplaceElevatorInQueue -   calculateCost +   MatrixIsEqual +   DeepCopy +   AddOrders +   ShouldStop +   ChooseDirection +   ClearOrdersAtFloor +   OrderInEmptyQueue +   OrdersAboveAtAndBelow

Ekstern ordreliste

Floor	Button down		Button up	
	Elevator ID	Cost	Elevator ID	Cost

mergeOrders(a [][]int, b [][]int)

a					b					b			
Down		**Up**			**Down**		**Up**			**Down**		**Up**	
ID	Cost	ID	Cost		ID	Cost	ID	Cost		ID	Cost	ID	Cost
1	20									1	20		
2	-1			**+**	2	30			**→**				
		2	10				1	20				2	10