|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| elev\_driver | fsm | elevator | order\_queue | Network |
| + set\_door\_open\_lamp() | * **state({State, Dir, Floor, Timestamp})** | * **check\_floor\_indicator()** | * **order\_distributor()** | * **broadcast\_order(Floor, Dir, TImestamp)** |
| + set\_floor\_indicator(Floor) |  | * **handle\_event( Event\_from\_Network\_or\_Queue )** | * **merge\_different\_queues()** | * **broadcast\_served(Floor, Dir, Timestamp)** |
| + set\_motor\_dir(Dir) |  |  | * **add\_order()** | * **send\_queue(Queue)** |
| + set\_button\_lamp(Floor, Direction |  |  | * **add\_served()** | * **heartbeat( Key )** |
|  |  |  |  |  |
|  |  |  |  |  |
| + init\_driver() | **+ init\_fsm()** | **+ init\_order\_queue** | **+ init\_network()** | **+ init\_Network()** |