

check grip strength

Pre-condition: System is initialised

(Controller)

1. check grip strength

(GripArmControl)

2. retrieve grip strength
3. call ROS publisher
4. compare calculation with max grip strength
5. a. grip strength is lower than max
b. grip strength is higher than max

(LEDControl)

[route a]

Pre-condition: matrix is **not** RED

6. light matrix BLUE

[route b]

6. light matrix RED

(Controller)

7. wait for next period

Post-condition: Matrix is lit in appropriate color