**Architecture**

H-Bridge

with

current limit

Battery

DC Motor

with

encoder

**Specifications**

Maximum motor voltage: 6V

Maximum motor current: 3.2A (stall torque @ 6V for not more than 5 seconds)

Maximum cont. motor current: 1.6A

**Control considerations**

Measure battery voltage to adapt the maximum PWM duty cycle.

Additionally measure current of each motor.