```cpp
// motors.hpp: Header file of hardware abstraction for motors and slewing
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#pragma once
#include "API.h"

/** Class for motor objects */
struct motor_t {
  /** Port the motor is pluggin in to */
  unsigned char port;
  /** The invered status of the motor, should be 1 or -1 */
  char inverted;
  /** The requested power value of the motor */
  int power;
  /** A multiplier for setting the motor values */
  float scale;
  /* The rate at which motor power should increase for every
   * motors::slew::slewWait milliseconds */
  float slewRate;
  /** The last update time of the motor. Is managed by the slew task, so it
   * shouldn't need to be changed */
  unsigned long tlast;
  /** Set the motor to the specified power */
  void set(int power);
}; // struct motor_t

/** Namespace relating to the motors and setting them, initializing them,
 * slewing, etc */
namespace motors {
  /** Sets the motor to the power */
  void set(motor_t motor, int power);

  /** Gets the current power value requested of the motor, analogous of
```

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     * motor.power */
    int get(motor_t motor);

    /** Returns an initialized motor_t object with the specified parameters, and
     * adds a duplicate of the motor to the motor list for slewing */
    motor_t init(unsigned char port, int inverted, float slewRate, float scale);

    /** Namespace relating to slewing the motors to save the gears and the PTCs */
    namespace slew {
      /** The wait time between each iteration of setting all of the motors */
      static const unsigned char slewWait = 10;
      /** The list of motors, as added to in motors::init() */
      extern motor_t list[11];
      /** The TaskHandle for handling the slewing task */
      extern TaskHandle handle;

      /** Initialization function for slewing. Call in initialize() */
      void init(void);
    } // namespace slew
  } // namespace motors
```