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+// Adafruit Motor shield library
#include <AFMotor.h>

AF_DCMotor motor1(1);
AF_DCMotor motor2(2);
AF_DCMotor motor3(3);
AF_DCMotor motor4(4);

int vitesse=255; // Vitesse = 255 (vitesse max)

void setup() {
  Serial.begin(9600);
  Serial.println("Test des moteurs");

  // turn on motor
  motor1.setSpeed(vitesse);motor1.run(RELEASE);
  motor2.setSpeed(vitesse);motor2.run(RELEASE);
  motor3.setSpeed(vitesse);motor3.run(RELEASE);
  motor4.setSpeed(vitesse);motor4.run(RELEASE);
}

void loop() {
  motor1.run(FORWARD);
  motor2.run(FORWARD);
  motor3.run(FORWARD);
  motor4.run(FORWARD);

  motor1.setSpeed(vitesse);
  motor2.setSpeed(vitesse);
  motor4.setSpeed(vitesse);
  motor3.setSpeed(vitesse);
  delay(2000);

  motor1.run(RELEASE);
  motor2.run(RELEASE);
  motor3.run(RELEASE);
  motor4.run(RELEASE);
  delay(2000);
}
```