

SERVOS



Page 1





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NEW WORDS...

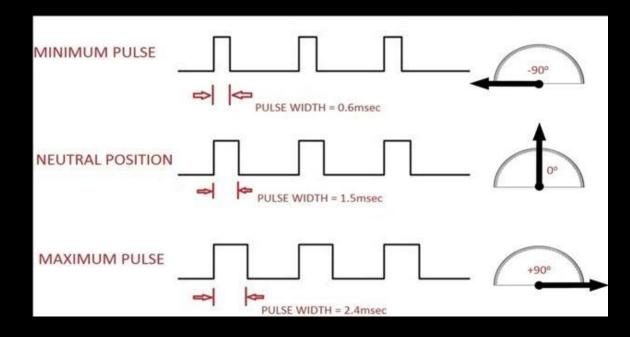
- Servo
- 360 Servo
- PWM Pulse Width Modulation
- Position

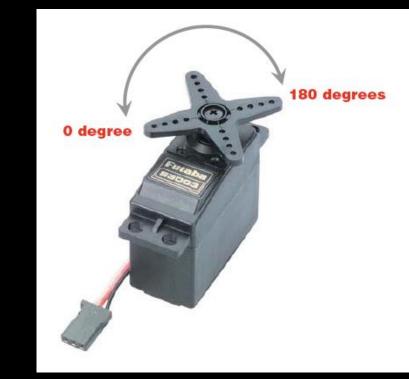


MOVE A SERVO MOTOR

• PWM?

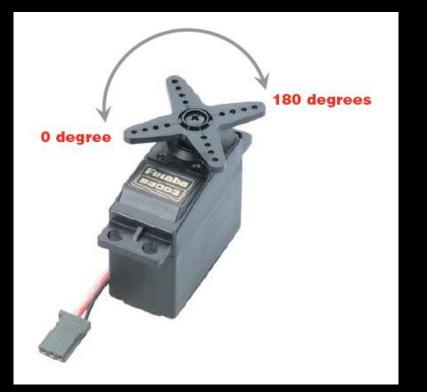
- Pulse Width Modulation
- Lets Watch a Servo Motor Video







WRITING TO A SERVO MOTOR



#include <Servo.h>
Servo fingerServo; // create servo object to control a servo
// ------

// the setup function runs once when you press reset or power the board
void setup() {

fingerServo.attach(9); // attaches the servo on pin 8 to the servo object
//Setting Servos to a default position
fingerServo.write(20);

._____

// the loop function runs over and over again forever
void loop()

fingerServo.write(20); delay(2000); fingerServo.write(80); delay(2000);

Github - <u>servo 1 STEAMClown</u>



360 SERVO REALLY IS A VARIABLE SPEED GEAR MOTOR

- Stop To have a 360 motor stop, set the position around 90
- Forward set the position around 0
- Backwards set the position around 180? 360?

#define STOP_L 95
#define STOP_R 95

#define FWD_L 0
#define FWD_R 360

#define BWD_L 180
#define BWD_R 0





REERENCESLDES



Page 16





APPENDIX



Page 19

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