

Simple NewPing Example Sketch

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// -----  
// Example NewPing library sketch that does a ping about 20 times per second.  
// -----  
  
#include <NewPing.h>  
  
#define TRIGGER_PIN 12 // Arduino pin tied to trigger pin on the ultrasonic sensor.  
#define ECHO_PIN 11 // Arduino pin tied to echo pin on the ultrasonic sensor.  
#define MAX_DISTANCE 200 // Maximum distance we want to ping for (in centimeters). Maximum se  
  
NewPing sonar(TRIGGER_PIN, ECHO_PIN, MAX_DISTANCE); // NewPing setup of pins and maximum dist  
  
void setup() {  
  Serial.begin(115200); // Open serial monitor at 115200 baud to see ping results.  
}  
  
void loop() {  
  delay(50); // Wait 50ms between pings (about 20 pings/sec). 29ms shoul  
  unsigned int uS = sonar.ping(); // Send ping, get ping time in microseconds (uS).  
  Serial.print("Ping: ");  
  Serial.print(uS / US_ROUNDTRIP_CM); // Convert ping time to distance and print result (0 =  
  Serial.println("cm");  
}
```

