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//CODIGO PARA EL TRANSMISOR NRF24L01 PRUEBA...

/* Transmitter code for the Arduino Radio control with PWM output
 * Install the NRF24 library to your IDE
 * Upload this code to the Arduino UNO, NANO, Pro mini (5V,16MHz)
 * Connect a NRF24 module to it:

    Module // Arduino UNO,NANO,PRO MINI

    GND    ->   GND
    Vcc    ->   3.3V
    CE     ->   D9
    CSN    ->   D10
    CLK    ->   D13
    MOSI   ->   D11
    MISO   ->   D12
*/

#include <SPI.h>
#include <nRF24L01.h>
#include <RF24.h>

const uint64_t my_radio_pipe = 0xE8E8F0F0E1LL; //Remember that this code should
be the same for the receiver

RF24 radio(9,10);

// The sizeof this struct should not exceed 32 bytes
struct Data_to_be_sent {
    byte ch1;
};

Data_to_be_sent sent_data;

void setup()
{
    radio.begin();
    radio.setAutoAck(true);
    radio.setDataRate(RF24_250KBPS);
    radio.openWritingPipe(my_radio_pipe);
    sent_data.ch1 = 127;
}

/*****

void loop()
{
    /*If your channel is reversed, just swap 0 to 255 by 255 to 0 below
    EXAMPLE:
    Normal:    data.ch1 = map( analogRead(A0), 0, 1024, 0, 255);
    Reversed:  data.ch1 = map( analogRead(A0), 0, 1024, 255, 0); */

    sent_data.ch1 = map( analogRead(A0), 0, 1024, 0, 255);

    radio.write(&sent_data, sizeof(Data_to_be_sent));
}

```