

show Arduino card

configure blocks

card supervision

blocks

Arduino code

save to XML file

load XML file

open example

modify examples



Logic

Loops

Math

Array

Text

Variables

Functions

► Arduino

IR

color + movement

SPI communication

OLED screen I2C

chainable RGB LED

► DFRobot

► RobUno

► fischertechnik

FlyCamOne Eco v2

MyHumanKit

► bitbloq

► Traffic light

► Grove

multi-fonction

► TechnoZone51

► TZ51 Barbot robot

► ZumoBot

► Shield Motors

mBot

Setup

Led RGB WS2812B Init



Pin = 6

Number of pixels = 1

Arduino loop forever:

Led RGB WS2812B. Send color :



Pin = 6

Red (255 max) = 255

Green (255 max) = 255

Blue (255 max) = 255

for pixel number (0 first) = 0

rotate servo



on PIN# 3

at angle [0~180°] angle 90°

```
#include <Adafruit_NeoPixel.h>
#include <Servo.h>

Adafruit_NeoPixel pixels6 = Adafruit_NeoPixel(1, 6, NEO_GRB + NEO_DMA);
Servo servo_3;

void setup() {
  pinMode(6, OUTPUT);
  pixels6.begin();
  servo_3.attach(3);
}

void loop() {
  pixels6.setPixelColor(0, pixels6.Color(255, 255, 255));
  pixels6.show();
  servo_3.write(90);
}
```

delete ALL blocks