Stellar_Fading_RGB

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Contents

Chapter 1

Stellar␣Fading␣RGB

PWM demonstration with RGB LED

Warning

>   RGB LED may be very bright.
>   Protect your eyes!
>   *Developed* with `embedXcode`

Author

>   Rei VILO

Date

>   Nov 26, 2012

Version

>   103

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See Also

>   ReadMe.txt for references

Chapter 2

File Index

2.1   File List

Here is a list of all documented files with brief descriptions:

Chapter 3

File Documentation

3.1 Stellar_Fading_RGB.ino File Reference

Main sketch.

Functions

- void set (uint8_t red, uint8_t green, uint8_t blue)

  Set the colour.
- void fade (uint8_t fromRed, uint8_t fromGreen, uint8_t fromBlue, uint8_t toRed, uint8_t toGreen, uint8_t to-Blue, uint8_t steps=8, uint16_t ms=250)

  Fading from one initial colour to another final colour.
- void setup ()

  Setup.
- void loop ()

  Loop.

3.1.1 Detailed Description

Main sketch. PWM demonstration with RGB LED

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3.1.2 Function Documentation

3.1.2.1 void fade (uint8_t *fromRed,* uint8_t *fromGreen,* uint8_t *fromBlue,* uint8_t *toRed,* uint8_t *toGreen,* uint8_t *toBlue,* uint8_t *steps =* 8, uint16_t *ms =* 250)

Fading from one initial colour to another final colour.

Parameters

fromRed	initial red component
fromGreen	initial green component
fromBlue	initial blue component
toRed	final red component
toGreen	final green component
toBlue	final blue component
steps	number ot steps, default=8
ms	delay in ms, default=250ms

3.1.2.2 void set (uint8_t *red,* uint8_t *green,* uint8_t *blue*)

Set the colour.

Parameters

red	red component
green	green component
blue	blue component

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