TIAGo Training Sessions

LEDs

PAL
ROBOTICS

Introduction

LEDs strips

- TIAGo is equipped with two programmable LED strips

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LEDs application

- The services provided for controlling the LEDs are launched on startup

- In order to stop the services:

  pal-stop leds_app

- In order to start it back:

  pal-start leds_app

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LEDs services

- Set strip color

  rosservice call /mm11/led/set_strip_color port r g b

  rosservice call /mm11/led/set_strip_color 0 0 255 0 → Sets all the LEDS in the left strip to green

- Set one pixel of a strip

  rosservice call /mm11/led/set_strip_pixel_color port pixel r g b

- Set a flashing effect

  rosservice call /mm11/led/set_strip_flash port time period   r1 g1 b1   r2 g2 b2

- Set animation effect

  rosservice call /mm11/led/set_strip_animation port animation_id param_1 param_2   r1 g1 b1   r2 g2 b2

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Questions?