Raspberry Pi Led Strip REST API

Get led info

Request

Method	HTTP Request	Description
getLedDetails	`GET /api/leds/{id}`	Get a single led info

Response

Method	HTTP Response	Description

getLedDetails	`{`
	`    "id": {int},`
	`    "color": {string}`
	`}`	

Set led color

Request

Method	HTTP Request	Description
setLedColor	`PUT /api/leds/{id}?color={hexrgb}`	Set color of a single led in a hex RGB format: 8000FF

Response

Do not supply a request body with this method.

Get leds list

Request

Method	HTTP Request	Description
getLedsList	`GET /api/leds`	Get a list of leds with details

Response

Method	HTTP Response	Description

getLedsList	```{
	  "pixels": {
	    "0": "000000",
	    "1": "FF0000",
	    "2": "00FF00",
	    "3": "0000FF",
	    "4": "FFFFFF"
	  }
	}```	

Set color to all leds at once

Request

Method	HTTP Request / Response	Description
setStripColor	`PUT /api/leds?color={hexrgb}`	Set color to all leds.

Response

Do not supply a request body with this method.

Set color to chosen leds

Request

Method	HTTP Request / Response	Description

setColors	```
	PUT /api/leds
	
	-- 	
	
	Request body:
	{
	  "leds": {
	    "0": "000000",
	    "1": "FF0000",
	    "22": "00FF00",
	    "3": "0000FF",
	    "4": "FFFFFF"
	  }
	}
	``
		Set color to chosenleds.

Response

Do not supply a request body with this method.