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.