/config

POST, GET

{

name: …,

addr: <read-only>,

scenes: [“…”,”…”],

strips: [

{pin: #, leds: #},

{pin: #, leds: #},

…

],

Brightness: #

}

DELETE /api/scene/<name>

GET /api/scene/<name>

POST /api/scene/

{

name: “…”,

duration: #,

next: <scene\_name>,

segments: [

{

duration: #,

commands: [

strip: [a,b,…], *(index from config.strips, -1 all strips, multiple values for virtual strip)*

brightness: #, (brightness)

mode: “pixel” | “percent”,

animations\_per\_second: # , *(pixel or % changes per second)*

hue: {op: replace|min|max|avg|add|subtract,, start: #, length: #, value\_start: #, value\_end:#, duration: #, reverse: true/false}, *(start & count depend on mode. Duration in msecs animating value over time instead of leds. Value\_end ignored if 0)*

saturation: {start: #, count: #, value\_start: #, value\_end:# , duration: #}, *(start & count depend on mode)*

lightness: {start: #, count: #, value\_start: #, value\_end:# , duration: #}, *(start & count depend on mode)*

]

}

]

}

Alternate cmd

hue: {start: #, pattern: [val, {count: #, val: #},{skip: #}…], repeat: true/false} *-1 value means ignore*

*{*

*"name": "Test Script",*

*"next": "Default",*

*"duration": 10000,*

*"segments": [*

*{*

*"duration": 1234,*

*"brightness": 30,*

*"commands": [*

*{*

*"strip": [1,2],*

*"mode": "pixel",*

*"animate\_position\_msecs": 5000, // 5 seconds to cycle through*

*"animate\_value\_msecs": 0, // no value animation*

*"hue": {*

*"op": "replace",*

*"start\_pos": 0,*

*"length": 5,*

*"start\_value": 14,*

*"end\_value": 200,*

*"reverse": true*

*}*

*"mode": "percent",*

*"animate\_position\_msecs": 0, / no position animation*

*"animate\_value\_msecs": 5000, // 5 seconds to cycle through*

*"saturation": {*

*"op": "avg",*

*"start\_pos": 0,*

*"length": 100,*

*"start\_value": 0,*

*"end\_value": 100,*

*}*

*}*

*]*

*}*

*],*

*"brightness": 30*

*}*