



LwM2M Server

LwM2M / COAP  
set 3420 / 0 / 0 to #ff00ff

COAP 404

COAP 204

receive

send 404

send 204

Found  
object  
3420

No

Yes

Yes

No

All  
results  
>= 0

results

Convert LwM2M data to match the RIOT Registry  
convert hex color to rgb uint8 values:  
#ff00ff => 255, 0, 255

SYS / rgb\_led / Instance 0 / { red | green | blue }

```
registry_set_uint8([0, 1, 0, 0], 255)
registry_set_uint8([0, 1, 0, 1], 0)
registry_set_uint8([0, 1, 0, 2], 255)
registry_commit([0, 1, 0])
```

LwM2M Client

Object 3420

RIOT Device

RIOT Registry