

HTTP POST /GPIO/(gpioNumber)/pulseRatio/(ratio)

- Returns value
- · Examples :
  - To output a PWM with a 50% ratio: HTTP POST /GPIO/0/pulseRatio/0.5

## Output PWM with an angle for servos

- HTTP POST /GPIO/(gpioNumber)/pulseAngle/(angle)
  - Returns value
- · Examples :
  - To output a PWM for a 0° angle (neutral) : HTTP POST /GPIO/0/pulseAngle/0

## Call a macro on the server

- HTTP POST /macros/(macro)/(args)
  - Returns the value returned by the macro

## Get full GPIO state/configuration

- HTTP GET /\*
  - Returns full GPIO state in JSON :

```
{"UARTO": 1, "I2CO": 0, "I2C1": 1, "SPIO": 0, "GPIO":{
    "0": {"function": "IN", "value": 1},
    "1": {"function": "ALTO", "value": 1},
    "3": {"function": "ALTO", "value": 1},
    "4": {"function": "ALTO", "value": 0},
    "5": {"function": "ALTO", "value": 1},
    ...
    "53": {"function": "ALT3", "value": 1}
}}
```

"UARTO": 1, "I2CO": 0, "I2C1": 1, "SPI0": 0 mean that both UART0 and I2C1 are enabled, whereas both I2C0 and SPI0 are disabled. So GPIOs used by UART0 (14 and 15) and I2C1 (2 and 3) are disabled and unusable.

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