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raspberry-gpio-python (/p/raspberry-gpio-python/)

A Python module to control the GPIO on a Raspberry Pi

Brought to you by: croston (/u/croston/)

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GPIO Outputs

1. First set up RPi.GPIO (as described here (/p/raspberry-gpio-python/wiki/BasicUsage/))

```
import RPi.GPIO as GPIO
GPIO.setmode(GPIO.BOARD)
GPIO.setup(12, GPIO.OUT)
```

2. To set an output high:

```
GPIO.output(12, GPIO.HIGH)
 # or
GPIO.output(12, 1)
 # or
GPIO.output(12, True)
```

3. To set an output low:

```
GPIO.output(12, GPIO.LOW)
 # or
GPIO.output(12, 0)
 # or
GPIO.output(12, False)
```

4. Clean up at the end of your program

```
GPIO.cleanup()
```

Note that you can read the current state of a channel set up as an output using the input() function. For example to toggle an output:

```
GPIO.output(12, not GPIO.input(12))
```

Related

Wiki: BasicUsage (/p/raspberry-gpio-python/wiki/BasicUsage/)
Wiki: Examples (/p/raspberry-gpio-python/wiki/Examples/)

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