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import sys

import RPIO

from status_led import LED

class Relay(object):

    def __init__(self):
        # Use the BCM addressing scheme
        RPIO.setmode(RPIO.BCM)

        # Setup output for relay
        RPIO.setup(17, RPIO.OUT)
        RPIO.output(17, False)

        # Instantiate the relay status LED (23)
        self.led = LED(23)

    def on(self):
        self.led.on()
        RPIO.output(17, True)

    def off(self):
        self.led.off()
        RPIO.output(17, False)

def main():

    import time

    relay = Relay()
    print 'Quick relay unit test'
    print 'Turning relay on...'
    relay.on()
    time.sleep(5)
    print 'Okay that\'s enough of that'
    relay.off()

if __name__ == '__main__':
    sys.exit(main())
```