

```
import persist
import string

# persist.a = 1
# persist.b = "foobar"
# print(persist)
# persist.save()

var ser = serial(16, 17,115200, serial.SERIAL_8N1)
var msg

def read_sms()
  ser.flush()
  ser.write(bytes().fromstring('AT+CMGF=1\n'))
  ser.write(bytes().fromstring('AT+CMGL=\"ALL\"\n'))
  ser.flush()
  tasmota.resp_cmnd_done()
end

def signal_quality()
  ser.flush()
  ser.write(bytes().fromstring('AT+CSQ\n'))
  ser.flush()
  tasmota.resp_cmnd_done()
end

def send_sms()
  ser.write(bytes().fromstring('AT+CMGF=1\n'))
  ser.write(bytes().fromstring('AT+CMGS=\"+71234567\"\n'))
  ser.write(bytes().fromstring('220 is OFF\n'))
  ser.write(bytes().fromstring('\032'))
  ser.flush()
  tasmota.resp_cmnd_done()
end
```

```
def read_gsm()
  var tmp
  if ser.available() > 0
    msg = ser.read()
    tmp = string.replace(msg.asstring(),"\r"," ")
    tmp = string.replace(tmp,"\n"," ")
    log(string.format(">>> GSM: %s",tmp))
    if string.find(msg.asstring(),"71234567") != -1
      tasmota.set_power(1,true)
    end
    ser.flush()
  end
end
```

```
class MyDriver
  def every_50ms()
    read_gsm()
  end
end
```

```
d1 = MyDriver()
tasmota.add_driver(d1)
tasmota.add_cmd('sms', send_sms)
tasmota.add_cmd('atcsq',signal_quality)
tasmota.add_cmd('readsms',read_sms)
```