

```
1 #coding: utf-8
2
3 from smbus import SMBus
4 import time
5 import json
6 import traceback
7 import time
8
9 bus_number = 1

~~ 省略 ~~
64 def readData():

~~ 省略 ~~

71
72     t = compensate_T(temp_raw)
73     p = compensate_P(pres_raw)
74     h = compensate_H(hum_raw)
75     return t,p,h

~~ 省略 ~~

77 def compensate_P(adc_P):

~~ 省略 ~~

99     print "pressure : %7.2f hPa" % (pressure/100)
100    return pressure/100

~~ 省略 ~~

102 def compensate_T(adc_T):

~~ 省略 ~~

108     print "temp : %-6.2f °C" % (temperature)
109    return temperature

~~ 省略 ~~

111 def compensate_H(adc_H):

~~ 省略 ~~
```

```
123     print "hum : %6.2f %" % (var_h)
124     return var_h
```

~~ 省略 ~~

```
144 def makeres(t,p,h):
145     dp = [{"temperature":t}, {"pressure":p}, {"humidity":h}]
146     return dp
147
```

~~ 省略 ~~

```
153 def get_data():
154     t,p,h = readData()
155     return makeres(t,p,h)
156
```