

IBM Watson IoT Platform

python.py - C:/Users/elcot/AppData/Local/Programs/Python/Python311/python.py (3.11.0)

```
import wiotp.sdk.device
import time
import random
myConfig = {
    "identity": {
        "orgId": "hbxx4u",
        "typeId": "esp32_rasp",
        "deviceId": "123456789"
    },
    "auth": {
        "token": "pnZ4G1IK3m4)t$P(gV"
    }
}

def myCommandCallback(cmd):
    print("Message received from IBM IoT Platform: %s" % cmd.data['command'])
    m=cmd.data['command']

client = wiotp.sdk.device.DeviceClient(config=myConfig, logHandlers=None)
client.connect()

while True:
    temp=random.randint(-20,125)
    hum=random.randint(0,100)
    myData={"temperature":temp, "humidity":hum}
    client.publishEvent(eventId="status", msgFormat="json", data=myData, qos=0,
    print("Published data Successfully: %s", myData)
    client.commandCallback = myCommandCallback
    time.sleep(2)
client.disconnect()
```

IBM Watson

team git

Incognito

venancesh266@gmail.com
ID: hbxx4u

Add Device

Added	Descriptive Location
2022 7:43 PM	
2022 12:15 PM	

0 Simulations running

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IBM Watson IoT Platform

team git

bbzx4u.internetofthings.ibmcloud.com/dashboard/devices/browse

Incognito

IBM Watson IoT Platform

venancesh266@gmail.com
ID: bbzx4u

?

Browse

Action

Device Types

Interfaces

Add Device

	Device ID	Status	Device Type	Class ID	Date Added	Descriptive Location
>	1234	Disconnected	iot_device	Device	Oct 19, 2022 7:43 PM	
▼	123456789	Disconnected	esp32_rasp	Device	Oct 28, 2022 12:15 PM	→ ...

Identity

Device Information

Recent Events

State

Logs

×

The recent events listed show the live stream of data that is coming and going from this device.

Event	Value	Format	Last Received
event_1	{"temp":0}	json	a few seconds ago
event_1	{"temp":72}	json	a few seconds ago
event_1	{"temp":118}	json	a few seconds ago
event_1	{"temp":98}	json	a few seconds ago
event_1	{"temp":94}	json	a few se

1 Simulation running

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