

# TESTING THE WEB UPI BY GIVING THE REQUIRED INPUTS

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ibm.py - C:\Users\manur\OneDrive\Desktop\ibm.py (3.7.0)
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import ibmiotf.application
import ibmiotf.device
import time
import random
import sys

organization = "12s377"
deviceType = "Raspberry"
deviceId = "123"
authMethod = "token"
authToken = "12345678"

moisture= random.randint(1, 14)
Humid = random.randint(1, 1000)
temp = random.randint(0, 100)

def myCommandCallback(cmd):
    print("Command Received: %s" % cmd.data['command'])
    status=cmd.data('command')
    if status=="lighton":
        print("led is on")
    elif status=="lightoff":
        print("led is off")
    else:
        print("please send proper command")

try:
    deviceOptions = {"org": organization, "type": deviceType, "id": deviceId, "auth-method": authMethod,
                    "auth-token": authToken}
    deviceCli = ibmiotf.device.Client(deviceOptions)

except Exception as e:
    print("caught exception connecting device: %s" % str(e))
    sys.exit()

deviceCli.connect()

while True:
    moisture= random.randint(1, 14)
    hum = random.randint(90, 110)
```

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Python 3.7.0 Shell
File Edit Shell Debug Options Window Help

Python 3.7.0 (v3.7.0:1bf9cc5093, Jun 27 2018, 04:59:51) [MSC v.1914 64 bit (AMD64)] on win32
Type "copyright", "credits" or "license()" for more information.
>>>
===== RESTART: C:\Users\manur\OneDrive\Desktop\ibm.py =====
2022-11-18 16:01:55,237 ibmiotf.device.Client INFO Connected successfully: d:12s377;Raspberry:123
Published hum=97 temp:2
Published hum=102 temp:26
```

Node-RED : 159.122.181.1 x Node-RED Dashboard x IBM Watson IoT Platform x IBM x IBM-Project-9601-16590 x +

12s377.internetofthings.ibmcloud.com/dashboard/devices/browse

Gmail YouTube Maps WhatsApp web Google Circuits | Tinkercad ibm ibm 4 ibm-5 ibm-6

IBM Watson IoT Platform

Browse Action Device Types Interfaces

123 Disconnected Raspberry

Identity Device Information Recent Events

The recent events listed show the live stream of data that is com

Event	Value
event_1	{"randomNumber":90,"temp":65,"hum":95
event_1	{"randomNumber":79,"temp":81,"hum":95
event_1	{"randomNumber":46,"temp":26,"hum":95
event_1	{"randomNumber":43,"temp":23,"hum":90
event_1	{"randomNumber":57,"temp":83,"hum":90

Simulations

Import/Export simulation

1/50 Simulations Running

+ New Simulation

Device Type Raspberry 1 Event

1 Device

123

1 x Create Simulated Device Use Registered Device

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