python code to publish data to ibm cloud.py - C:/Users/acer/AppData/Local/Programs/Python/Python37/python code to publish data to ibm cloud.py (3.7.0)

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```
#IBM Watson IOT Platform
#pip install wiotp-sdk
import wiotp.sdk.device
import time
import random
myConfig = {
    "identity": {
        "orgId": "domlyv",
        "typeId": "abcd",
        "deviceId":"12"
    },
    "auth": {
        "token": "12345678"
    }
}

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, onPublish=None)
    print("Published data Successfully: %s", myData)
    client.commandCallback = myCommandCallback
    time.sleep(2)
client.disconnect()
```

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Python 3.7.0 Shell

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```
Published data Successfully: %s {'temperature': 72, 'humidity': 57}
Published data Successfully: %s {'temperature': 86, 'humidity': 13}
Published data Successfully: %s {'temperature': 104, 'humidity': 67}
Published data Successfully: %s {'temperature': 73, 'humidity': 72}
Published data Successfully: %s {'temperature': 17, 'humidity': 24}
Published data Successfully: %s {'temperature': 4, 'humidity': 6}
Published data Successfully: %s {'temperature': 67, 'humidity': 83}
Published data Successfully: %s {'temperature': 19, 'humidity': 61}
Published data Successfully: %s {'temperature': 9, 'humidity': 60}
Published data Successfully: %s {'temperature': 68, 'humidity': 56}
Published data Successfully: %s {'temperature': 125, 'humidity': 45}
Published data Successfully: %s {'temperature': 40, 'humidity': 79}
Published data Successfully: %s {'temperature': 45, 'humidity': 62}
Published data Successfully: %s {'temperature': 56, 'humidity': 38}
Published data Successfully: %s {'temperature': 110, 'humidity': 32}
Published data Successfully: %s {'temperature': 109, 'humidity': 35}
Published data Successfully: %s {'temperature': 55, 'humidity': 35}
Published data Successfully: %s {'temperature': 1, 'humidity': 47}
Published data Successfully: %s {'temperature': -10, 'humidity': 12}
Published data Successfully: %s {'temperature': 81, 'humidity': 29}
Published data Successfully: %s {'temperature': 1, 'humidity': 81}
Published data Successfully: %s {'temperature': 33, 'humidity': 21}
Published data Successfully: %s {'temperature': 29, 'humidity': 39}
Published data Successfully: %s {'temperature': -14, 'humidity': 58}
Published data Successfully: %s {'temperature': 77, 'humidity': 12}
Published data Successfully: %s {'temperature': 24, 'humidity': 71}
Published data Successfully: %s {'temperature': 113, 'humidity': 85}
Published data Successfully: %s {'temperature': 55, 'humidity': 70}
Published data Successfully: %s {'temperature': 91, 'humidity': 55}
Published data Successfully: %s {'temperature': 41, 'humidity': 64}
Published data Successfully: %s {'temperature': 10, 'humidity': 91}
Published data Successfully: %s {'temperature': 48, 'humidity': 87}
Published data Successfully: %s {'temperature': 113, 'humidity': 16}
Published data Successfully: %s {'temperature': 60, 'humidity': 50}
Published data Successfully: %s {'temperature': 80, 'humidity': 1}
Published data Successfully: %s {'temperature': 79, 'humidity': 8}
Published data Successfully: %s {'temperature': 98, 'humidity': 24}
Published data Successfully: %s {'temperature': -9, 'humidity': 68}
Published data Successfully: %s {'temperature': 123, 'humidity': 87}
Published data Successfully: %s {'temperature': -10, 'humidity': 28}
```

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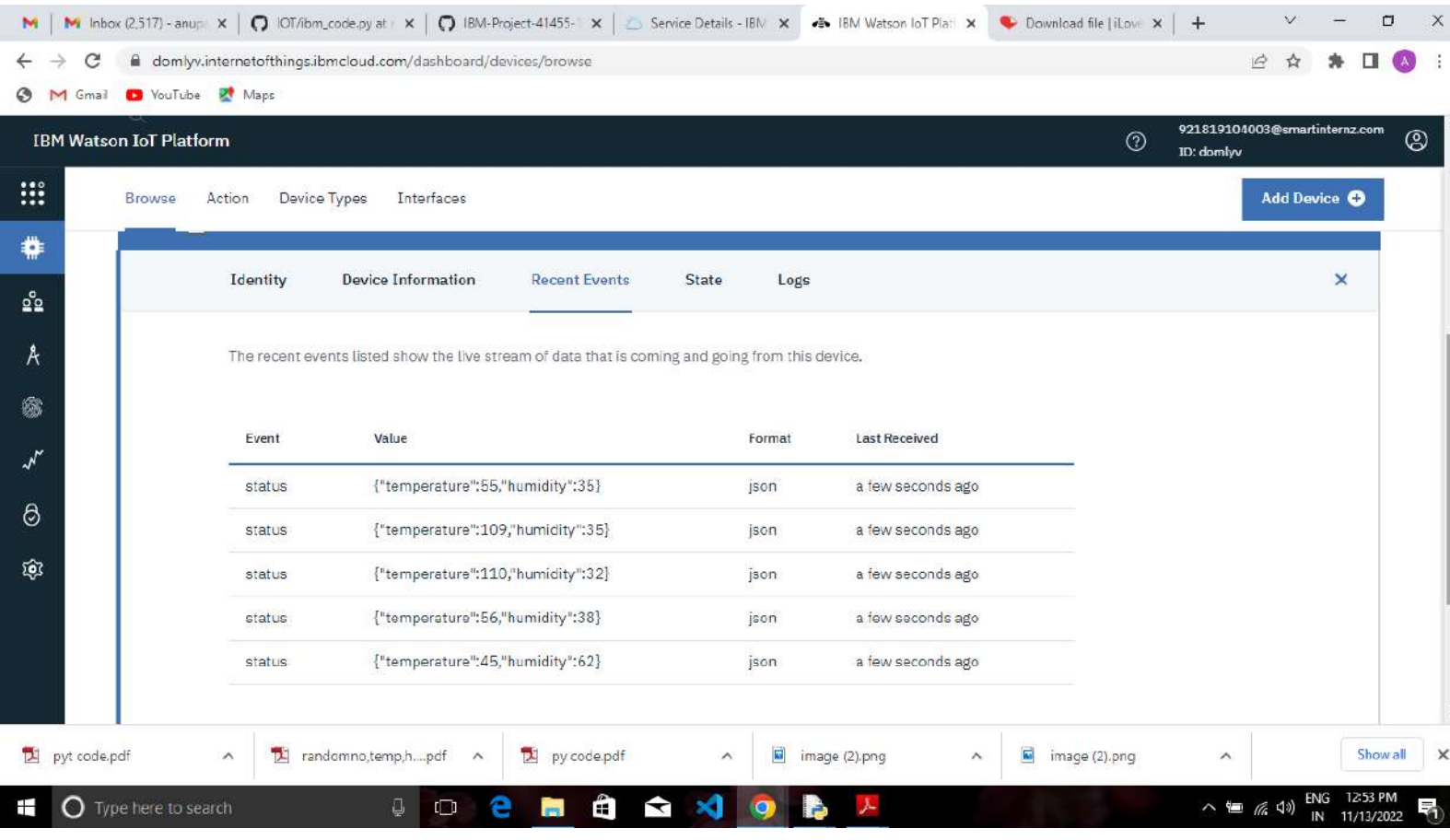
IBM Watson IoT Platform
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ID: domlyv
Browse
Action
Device Types
Interfaces
Add Device
Identity
Device Information
Recent Events
State
Logs
The recent events listed show the live stream of data that is coming and going from this device.
Event
Value
Format
Last Received
status
{"temperature":55,"humidity":35}
json
a few seconds ago
status
{"temperature":109,"humidity":35}
json
a few seconds ago
status
{"temperature":110,"humidity":32}
json
a few seconds ago
status
{"temperature":56,"humidity":38}
json
a few seconds ago
status
{"temperature":45,"humidity":62}
json
a few seconds ago