

DEVELOP A PYTHON SCRIPT

Team ID	PNT2022TMID18885
Project Name	Project - Personal Assistance for Seniors Who Are Self-Reliant

Python Script:

```
#IBM Watson IOT Platform
```

```
#pip install wiotp-sdk
```

```
import wiotp.sdk.device
```

```
import time
```

```
import random
```

```
myConfig = {
```

```
    "identity": {
```

```
        "orgId": "brtbli",
```

```
        "typeId": "Mydevice01",
```

```
        "deviceId": "12345"
```

```
    },
```

```
    "auth": {
```

```
        "token": "9uhV*uqZLpBlHUXugg"
```

```
    }
```

```
}
```

```
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:
```

```
    med="aspirin"
```

```
    med1="D Cold"
```

```
myData={'medicine1':med, 'medicine2':med1}

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()
```

```
python script.py - C:/Users/AKSHAYA/OneDrive/Desktop/Project Design & Planning/python script.py (3.8.10)
File Edit Format Run Options Window Help

#IBM Watson IOT Platform
#pip install wiotp-sdk
import wiotp.sdk.device
import time
import random

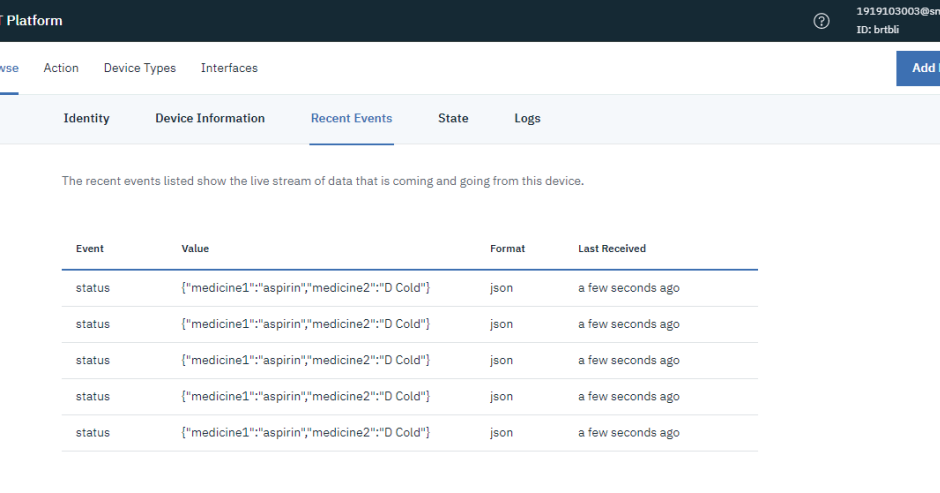
myConfig = {
    "identity": {
        "orgId": "brtbl1",
        "typeId": "Mydevice01",
        "deviceId": "12345"
    },
    "auth": {
        "token": "9uhV*uq2LpB1HUXugg"
    }
}

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:
    med="aspirin"
    med1="D Cold"
    myData={'medicine1':med, 'medicine2':med1}
    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()
|
```



Node-RED : node-red-xewvl-202 x Node-RED Dashboard x IBM Watson IoT Platform x

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

IBM Watson IoT Platform 1919103003@smarterintenz.com ID: brtblb

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	{"medicine1":"aspirin","medicine2":"D Cold"}	json	a few seconds ago
status	{"medicine1":"aspirin","medicine2":"D Cold"}	json	a few seconds ago
status	{"medicine1":"aspirin","medicine2":"D Cold"}	json	a few seconds ago
status	{"medicine1":"aspirin","medicine2":"D Cold"}	json	a few seconds ago
status	{"medicine1":"aspirin","medicine2":"D Cold"}	json	a few seconds ago

0 Simulations running