

DEVELOP THE PYTHON SCRIPT

We are getting temperature and heart rate of worker as input through the beacon scanner (python code)

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Sprint1.py - C:\Users\user\Desktop\Arvin\Sprint1.py (3.7.0)
File Edit Format Run Options Window Help

import wiotp.sdk.device
import time
import random
myConfig = {
    "identity": {
        "orgId": "6yafic",
        "typeId": "Sprint1",
        "deviceId": "SprintID"
    },
    "auth": {
        "token": "sW(lQhEK't)4!jgrjD"
    }
}

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(0,50)
    heart=random.randint(60,100)
    myData={'temperature':temp, 'heartrate':heart}
    client.publishEvent(eventId="status", msgFormat="json", data=myData, qos=0, onPublish=None)
    print("Published data Successfully: %s", myData)
    client.commandCallback = myCommandCallback
    time.sleep(5)
client.disconnect()
```

<pre>Sprint1.py - C:\Users\user\Desktop\Arvin\Sprint1.py (3.7.0) File Edit Format Run Options Window Help import wiotp.sdk.device import time import random myConfig = { "identity": { "orgId": "6yafic", "typeId": "Sprint1", "deviceId": "SprintID" }, "auth": { "token": "sW(lQhEK't)4!jgrjD" } } 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(0,50) heart=random.randint(60,100) myData={'temperature':temp, 'heartrate':heart} client.publishEvent(eventId="status", msgFormat="json", data=myData, qos=0, onPublish=None) print("Published data Successfully: %s", myData) client.commandCallback = myCommandCallback time.sleep(5) client.disconnect()</pre>	<pre>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\user\Desktop\Arvin\Sprint1.py ===== 2022-11-10 14:51:02,276 wiotp.sdk.device.client.DeviceClient INFO Connecte d successfully: d:6yafic:Sprint1:SprintIDPublished data Successfully: %s ({'temperature': 14, 'heartrate': 74}) Published data Successfully: %s ({'temperature': 49, 'heartrate': 89}) Published data Successfully: %s ({'temperature': 2, 'heartrate': 60})</pre>
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Publish Data To The IBM Cloud

IBM Watson IoT Platform

212219060013@smarterintenz.com
ID: 9uub3

Browse Action Device Types Interfaces

Add Device

Browse Devices

All Devices Diagnose

This table shows a summary of all devices that have been added. It can be filtered, organized, and searched on using different criteria. To get started, you can add devices by using the Add Device button, or by using API.

Search by Device ID

Device Simulator

Device ID	Status	Device Type	Class ID	Date Added	Descriptive Location
IBM_IoT_1	Connected	IBM_IoT	Device	14 Nov 2022 20:42	
IBM_IoT_2	Connected	IBM_IoT	Device	14 Nov 2022 20:42	
SprintID	Disconnected	Sprint1	Device	14 Nov 2022 20:36	
f9lw6p	Disconnected	IBM_IoT	Device	14 Nov 2022 20:36	
sensoeid	Disconnected	Sensor	Device	14 Nov 2022 20:36	

3 Simulations running

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Type here to search

31°C Cloudy 3:08 PM 11/15/2022

Browse Action Device Types Interfaces

Add Device

Sensorid Disconnected Sensor Device Nov 4, 2022 12:24 PM

SprintID Connected Sprint1 Device Oct 31, 2022 2:40 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
status	{"temperature":13,"heartrate":62}	json	a few seconds ago
status	{"temperature":6,"heartrate":96}	json	a few seconds ago
status	{"temperature":25,"heartrate":77}	json	a few seconds ago
status	{"temperature":19,"heartrate":82}	json	a few seconds ago