import wiotp.sdk.device

import time

import os

import datetime

import random

myConfig = {

"identity":{

"orgId":"vtc6yy",

"typeId":"NodeMCU",

"deviceId":"NodeMcu"

},

"auth":{

"token":"12345678"

}

}

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

client.connect()

def myCommandCallback(cmd):

print("Message received from IBM IoT platform: %s" % cmd.data['command'])

m=cmd.data['command']

if(m=="Appear"):

print("Appear")

elif(m=="Disappear"):

print("Disappear")

print(" ")

while True:

pH=random.randint(0,14)

temp=random.randint(-10,25)

hum=random.randint(0,100)

myData={'pH':pH,'temperature':temp,'humidity':hum}

client.publishEvent(eventId="status", msgFormat="json", data=myData, qos=0, onPublish=None)

print("Published data successfully: %s", myData)

time.sleep(2)

client.commandCallback = myCommandCallback

client.disconnect()

Footer