|  |
| --- |
| #IBM Watson IOT Platform |
|  | #pip install wiotp-sdk |
|  | import wiotp.sdk |
|  | import time |
|  | import random |
|  | myConfig = { |
|  | "identity": { |
|  | "orgId": "nhpwjc", |
|  | "typeId": "NodeMCU", |
|  | "deviceId":"2001" |
|  | }, |
|  | "auth": { |
|  | "token": "123456789" |
|  | } |
|  | } |
|  | lat="13.167589" |
|  | lon="80.248510" |
|  | name="point1" |
|  | icon="fa-trash-o" |
|  | color="green" |
|  | 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(0,100) |
|  | if temp>60: |
|  | icon="fa-trash" |
|  | color = "red" |
|  | else: |
|  | icon = "fa-trash-o" |
|  | color = "green" |
|  | myData={"Name":name,"Latitude":lat,"Longitude":lon,"Icon":icon,"FillPercent":temp,"Color":color} |
|  | client.publishEvent(eventId="status", msgFormat="json", data=myData, qos=0, onPublish=None) |
|  | print("Published data Successfully: %s", myData) |
|  | client.commandCallback = myCommandCallback |
|  | time.sleep(10) |
|  | client.disconnect() |