

Python.code

```
import wiotp.sdk.device

import time

import random

myConfig = {
    "identity": {
        "orgId": "xfxj98",
        "typeId": "railway23",
        "deviceId": "Device1"
    },
    "auth": {
        "token": "987456321"
    }
}

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()

def pub (data):
    client.publishEvent(eventId="status", msgFormat="json", data=myData,onPublish=None)
    print ("Published data Successfully: %s", myData)

while True:
    myData={'name': 'Train1', 'lat': 17.6387448, 'lon': 78.4754336}
    pub (myData)
```

```
time.sleep (3)

#myData={'name': 'Train2', 'lat': 17.6387448, 'lon': 78.4754336)

#pub (myData)

#time.sleep (3)

myData={'name': 'Train1', 'lat': 17.6341908, 'lon': 78.4744722}

pub(myData)

time.sleep(3)

myData={'name': 'Train1', 'lat': 17.6340889, 'lon': 78.4745052}

pub (myData)

time.sleep (3)

myData={'name': 'Train1', 'lat': 17.6248626, 'lon': 78.4720259}

pub (myData)

time.sleep (3)

myData={'name': 'Train1', 'lat': 17.6188577, 'lon': 78.4698726}

pub (myData)

time.sleep (3)

myData={'name': 'Train1', 'lat': 17.6132382, 'lon': 78.4707318}

pub (myData)

time.sleep (3)

client.commandCallback = myCommandCallback

client.disconnect ()
```