GPS TRACKER: TEAM ID:PNT2022TMID14986

|  |
| --- |
| import wiotp.sdk.device |
|  | import time |
|  | import random |
|  | myConfig = { |
|  | "identity": { |
|  | "orgId": "gagtey", |
|  | "typeId": "GPS", |
|  | "deviceId":"12345" |
|  | }, |
|  | "auth": { |
|  | "token": "12345678" |
|  | } |
|  | } |
|  |  |
|  | 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, qos=0, 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 () |