

```
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,
        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=mycommmanCallbak
client.disconnect()
```