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1. import wiotp.sdk.device
2. import time
3. import random
4. myConfig = {
5.     "identity": {
6.         "orgId":"i63nvt",
7.         "devicetypeId":"GPS1",
8.         "deviceId":"i2345"
9.     },
10.    "auth":{
11.        "token":"abcdefghij"
12.    }
13. }
14.
15. def myCommandCallback(cmd):
16.     print("Message received from IBM IOT Platform: %s" % cmd.data['command'])
17.     m=cmd.data['command']
18.
19. 'client = wiotp.sdk.device.DeviceClient(config=myConfig, logHandlers=None)'
20. 'client.connect()'
21.
22. def pub (data):
23.     'client.publishEvent(eventId="status", msgFormat="json",data=mydata, qos=0,
        onPublish=None)'
24.     print("published data successfully: %s", mydata)
25.
26. while True:
27.
28.     mydata={'name':'Train1','lat':17.6387448,'lon': 78.4754336}
29.     pub(mydata)
30.     time.sleep(3)
31.     #mydata={'name':'Train2','lat':17.6387448,'lon': 78.4754336}
32.     #pub(mydata)
33.     #time.sleep(3)
34.     mydata={'name':'Train1','lat':17.6341908,'lon': 78.4744722}
35.     pub(mydata)
36.     time.sleep(3)
37.     mydata={'name':'Train1','lat':17.6340889,'lon': 78.4745052}
38.     pub(mydata)
39.     time.sleep(3)
40.     mydata={'name':'Train1','lat':17.6248626,'lon': 78.4720259}
41.     pub(mydata)

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42.         time.sleep(3)
43.         mydata={'name':'Train1','lat':17.6188577,'lon': 78.4698726}
44.         pub(mydata)
45.         time.sleep(3)
46.         mydata={'name':'Train1','lat':17.6132382,'lon': 78.4707318}
47.         pub(mydata)
48.         time.sleep(3)
49. client.commandCallback=mycommanCallbak
50. client.disconnect()
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