

SMART SOLUTION FOR RAILWAYS.

DEVELOPING PYTHON SCRIPT

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LOCATION DATA:

```
import wiotp.sdk.device
import time
import random
myConfig={
"identity": (
"orgId": "gi7jvr"
"typeId": "abcd",
"deviceId":"12345"},
"auth": {
"token": "123456789"
}}
def myCommandCallback
(cmd):
print ("Message received from IBM IoT Platform: %s" % cmd.data['command'])
mcmd.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 = myCommandCallback client.disconnect()
```