

PYTHON SOURCE CODE

Date	16 November 2022
Team ID	PNT2022TMID30936
Project Name	IoT Based Safety Gadget for Child Safety Monitoring and Notification

CODE:

```
import json
import wiotp.sdk.device
import time

myConfig = {
    "identity":{
        "orgId": "hj5fmy",
        "typeId": "NodeMCU",
        "deviceId": "12345"
    },
    "auth": {
        "token": "12345678"
    }
}
client = wiotp.sdk.device.DeviceClient(config=myConfig, logHandlers=None)
client.connect()

while True:
    name= "smartbridge"
    #in area location

    #latitude= 17.4225176
    #longitude= 78.5458842

    #out area location

    latitude= 17.4219272
    longitude= 78.5488783
    myData={'name': name, 'lat':latitude, 'lon':longitude}
```

```
client.disconnect()
```

```

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import json
import wiotp.sdk.device
import time

myConfig = {
    "identity": {
        "orgId": "k50ow",
        "typeId": "python",
        "deviceId": "py1"
    },
    "auth": {
        "token": "-iY3WeW2q!fQFywmo"
    }
}

client = wiotp.sdk.device.DeviceClient(config=myConfig, logHandlers=None)
client.connect()

while True:
    name= "smarthtbridge"
    #in area location

    #latitude= 17.4225176
    #longitude= 78.5458842

    #out area location

    latitude= 17.4215272
    longitude= 78.5488783
    myData={name: name, 'lat':latitude, 'lon':longitude}
    client.publishEvent(eventId="status", msgFormat="json", data=myData, qos=0, onPublish=None )
    print("Data published to IBM iot platform: ",myData)
    time.sleep(5)

client.disconnect()

```

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Output:

[illegible]

