

Python script

Date	19 September 2022
Team ID	PNT2022TMID36129
Project Name	IOT based child safety monitoring system

```
import json
myconfig = {
    "identity": {
        "orgId": "hj5fmy",
        "typeId": "NodeMCU",
        "deviceId": "12345678"
    },
    "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.publishEvent(eventId="status",msgformat="json",  
data=mydata, qos=0, onpublish=None)
```

```
print("Data published to IBM IOT platform :",myData)
```

```
time.sleep(5)
```

```
client.disconnect()
```

```
import wiotp.sdk.device
```

```
import time
```