

SOURCE CODE

```
import sys

import ibmiotf.device

organization = "xh1lj5D"

deviceType = "Data"

deviceId = "1234"

authMethod = "4321"

authToken = "123456789"

def commandHandler(cmd):

    print("Command received: %s" % cmd.data)

    for key in cmd.data.keys():

        if key == 'motor':

            if cmd.data['motor'] == 'ON':

                print("MOTOR is turned ON")

            elif cmd.data['motor'] == 'OFF':

                print("MOTOR is turned OFF")

    try:

        deviceOptions = {"org": organization, "type": deviceType, "id": deviceId, "auth-method": authMethod,

                        "auth-token": authToken}

        deviceCli = ibmiotf.device.Client(deviceOptions)
```

```
except Exception as e:
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```
    print("Caught exception connecting device: %s" % str(e))
```

```
    sys.exit()
```

```
deviceCli.connect()
```

```
while True:
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```
    deviceCli.commandCallback = commandHandler
```