

IBM Watson IoT Platform

Browse Action Device Types Interfaces

Device ID	Status	Device Type	Class ID	Date Added
43256	Connected	microcontroller_device1	Device	Nov 15, 20

Identity Device Information Recent Events State Logs

The recent events listed show the live stream of data that is coming and going from this device.

Event	Value	Format	Last Received
event	{\"Ph\":64,\"temperature\":40,\"turbidity\":67,\"oxygen\"...	json	a few seconds ago
event	{\"Ph\":83,\"temperature\":60,\"turbidity\":88,\"oxygen\"...	json	a few seconds ago
event	{\"Ph\":61,\"temperature\":5,\"turbidity\":94,\"oxygen\"...	json	a few seconds ago
event	{\"Ph\":47,\"temperature\":76,\"turbidity\":72,\"oxygen\"...	json	a few seconds ago

sonatech123 Disconnected rasperryyp1 Device 0 Simu

Terminal Help devproj1.py - Visual Studio Code

```
devproj1.py 2 X # Extension: isort
C:\Users>Shahul> devproj1.py myCommandCallback
1 import random
2 import sys
3 import time
4 import ibmiotf.application
5 import ibmiotf.device
6
7 # Provide your IBM Watson Device Credentials
8
9 organization = "w9f9nv" # replace it with organization ID
10 devicetype = "microcontroller_device1" # replace it with device type
11 deviceId = "43256" # replace with device id
12 authMethod = "token"
13 authToken = "J-nj1Q(2-Yoc*brcFz" # replace with token
14
15
16 def mycommandcallback(cmd):
17     print("Command received: %s" % cmd.data)
18     if cmd.data['command'] == 'MOTOR ON':
19         print("MOTOR ON")
20     elif cmd.data['command'] == 'MOTOR OFF':
21         print("MOTOR OFF")
22
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24 try:
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```

PROBLEMS OUTPUT DEBUG CONSOLE TERMINAL JUPYTER

Data publish {'Ph': 36, 'temperature': 100, 'turbidity': 55, 'oxygen': 51} to IBM Watson  
Data publish {'Ph': 65, 'temperature': 10, 'turbidity': 84, 'oxygen': 91} to IBM Watson  
Data publish {'Ph': 22, 'temperature': 27, 'turbidity': 71, 'oxygen': 17} to IBM Watson  
Data publish {'Ph': 61, 'temperature': 59, 'turbidity': 79, 'oxygen': 87} to IBM Watson  
Data publish {'Ph': 74, 'temperature': 85, 'turbidity': 79, 'oxygen': 71} to IBM Watson  
Data publish {'Ph': 34, 'temperature': 59, 'turbidity': 83, 'oxygen': 73} to IBM Watson  
Data publish {'Ph': 17, 'temperature': 38, 'turbidity': 89, 'oxygen': 18} to IBM Watson  
Data publish {'Ph': 88, 'temperature': 53, 'turbidity': 41, 'oxygen': 58} to IBM Watson  
Data publish {'Ph': 87, 'temperature': 92, 'turbidity': 39, 'oxygen': 97} to IBM Watson  
Data publish {'Ph': 88, 'temperature': 50, 'turbidity': 5, 'oxygen': 19} to IBM Watson  
Data publish {'Ph': 6, 'temperature': 96, 'turbidity': 27, 'oxygen': 51} to IBM Watson  
Data publish {'Ph': 94, 'temperature': 54, 'turbidity': 12, 'oxygen': 59} to IBM Watson

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