- **Dashboard**
  Our dashboard was build on the Losant

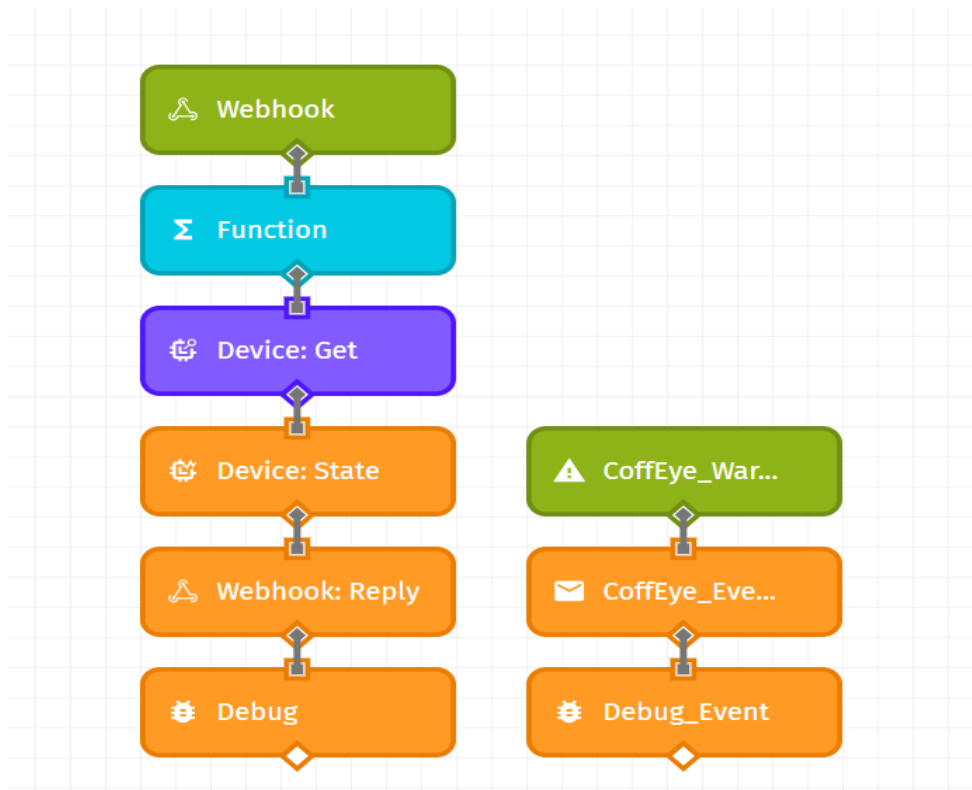**Attributes**

- ◉ location
- # snr
- Aa station
- Aa data
- # avgSnr
- # rssi
- # seqNumber
- # scaledonboardTemperature
- # air_temperature
- # air_humidity
- # filteredAltitude
- # moisture_soil
- # batt

Payload Format

Received Payload

▼ (root) {} 2 keys
    ▼ "data": {} 13 keys
        "air_humidity": 53
        "air_temperature": 24
        "avgSnr": "16.49"
        "batt": 99
        "data": "1b1835661e63"
        "filteredAltitude": 1020
        "location": "25.0, 122.0"
        "moisture_soil": 30
        "rssi": "-117.00"
        "scaledonboardTemperature": 27
        "seqNumber": "2549"
        "snr": "13.49"
        "station": "7BC3"
    "time": 1577947965587

Software Workflow

Decode the message

Function (JavaScript)

```javascript
1  payload.data.body.onboardtemperature =
2    parseInt(payload.data.body.data.substring(0, 2), 16);
3
4  payload.data.body.airtemperature =
5    parseInt(payload.data.body.data.substring(2, 4), 16);
6
7  payload.data.body.airhumidity =
8    parseInt(payload.data.body.data.substring(4, 6), 16);
9
10 payload.data.body.airaltitude =
11   parseInt(payload.data.body.data.substring(6, 8), 16)*10;
12
13 payload.data.body.moisture =
14   parseInt(payload.data.body.data.substring(8, 10), 16);
15
16 payload.data.body.battery =
17   parseInt(payload.data.body.data.substring(10, 12), 16);
18
```

Dashboard Demo

⏮ | As of: Now ▾ | ⏭ | ⏸ | ◯ | ⏍ | ⚙ ▾

Air Temperature
24h at 5m res.

air_tempe
35
24
17
10
15:00   23:20   15:00
■ Time

Temperature Warning

Temperature is inside the critical zone! It currently is 24 °C

幾秒前

Air Pressure

1,020
900   1100

幾秒前

Air Humidity
24h at 5m res.

air_humidi
100
50
25
0
15:00   23:20   15:00
■ Time

Humidity Warning

Humidity is inside the critical zone! It is currently at 53 %

幾秒前

Temperature [onboard sensor]

60
28

幾秒前

Rain Sensor

100
0
99

幾秒前

Rain Warning

Default rain warning

幾秒前

Signal strength
24h / 5m

23:20   15:00
■ Series 1

Soil Moisture

100
0
30

幾秒前

Soil Moisture Warning

Soil Moisture is inside the critical zone! It is currently at 30 %

幾秒前

Taip
Hsinchu