

Correction Exercice 2

A venir dans quelques temps ... essayer de chercher et de trouver une solution

Rappels

Dans un premier temps , je vous montre comment afficher la température de l'ESP32 sur le Dashboard avec la Gauge ensuite avec un graphique

Dans un deuxième temps , je vous montrerais comment afficher la température avec un DHT11 raccordé sur L'esp32.

Dans le tuto precedent , vous avez la methode pour declarer le mode temperature de l'esp32 dans tasmota



Tous les ESP (ESP8266 ??) ne permettent pas l'affichage de leur température Il faut raccorder un DHT11 ou DHT22 ou un DS18B20

- Si vous avez un ESP32, Ouvrir la console de tasmota (revenir au premier ecran) est entrer les commandes "SetOption146 1" + Entrée(validation de l'envoi de la temperature de l'ESP32) et "teleperiod 5" + Entrée (definit la periode d'envoi des informations vers MQTT ici tous les 5 s)

```

ESP32-DevKit
Tasmota

17:49:39.855 MOT: tele/tasmota_6B2128/POWER=ON
17:49:39.855 MOT: tele/tasmota_6B2128/INFO1 = {"Info1":{"Module":"ESP32-DevKit","Version":12.4.0(tasmota)},{ "FallbackTopic":"cmd/DIVES 6B2128 fb/","GroupTopic":"cmd/tasmota/"}}
17:49:39.854 MOT: tele/tasmota_6B2128/INFO2 = {"Info2":{"RestartReason":"RTC Watch dog reset digital core and rtc module","BootCount":0}}
17:49:39.969 MOT: stat/tasmota_6B2128/RESULT = {"POWER":"ON"}
17:49:39.911 MOT: stat/tasmota_6B2128/POWER = ON
17:49:43.062 MOT: tele/tasmota_6B2128/STATE = {"Time":2023-04-08T17:19:43,"Uptime":8700:00:00,"UptimeSec":0,"Heap":161,"SleepMode":Dynamic,"Sleep":50,"LoadAvg":19,"MqttCount":1,"Berry":{"HeapUsed":3,"Objects":43}, "POWER":ON}
17:49:44.022 MOT: tele/tasmota_6B2128/SENSOR = {"Time":2023-04-08T17:19:44,"ESP32": [{"Temperature":36.1}],"TempUnit":"C"}
17:49:54.006 MOT: tele/tasmota_6B2128/STATE = {"Time":2023-04-08T17:19:53,"Uptime":8700:00:18,"UptimeSec":18,"Heap":160,"SleepMode":Dynamic,"Sleep":50,"LoadAvg":19,"MqttCount":1,"Berry":{"HeapUsed":3,"Objects":43}, "POWER":ON}
17:49:54.046 MOT: tele/tasmota_6B2128/SENSOR = {"Time":2023-04-08T17:19:53,"ESP32": [{"Temperature":36.7}],"TempUnit":"C"}
17:49:54.047 MOT: tele/tasmota_6B2128/STATE = {"Time":2023-04-08T17:19:53,"Uptime":8700:00:19,"UptimeSec":19,"Heap":159,"SleepMode":Dynamic,"Sleep":50,"LoadAvg":19,"MqttCount":1,"Berry":{"HeapUsed":3,"Objects":43}, "POWER":ON}
17:49:54.048 MOT: tele/tasmota_6B2128/SENSOR = {"Time":2023-04-08T17:19:53,"ESP32": [{"Temperature":36.7}],"TempUnit":"C"}
17:49:54.049 MOT: tele/tasmota_6B2128/STATE = {"Time":2023-04-08T17:19:53,"Uptime":8700:00:20,"UptimeSec":20,"Heap":158,"SleepMode":Dynamic,"Sleep":50,"LoadAvg":19,"MqttCount":1,"Berry":{"HeapUsed":3,"Objects":43}, "POWER":ON}
17:49:54.050 MOT: tele/tasmota_6B2128/SENSOR = {"Time":2023-04-08T17:19:53,"ESP32": [{"Temperature":36.7}],"TempUnit":"C"}
17:49:54.051 MOT: tele/tasmota_6B2128/STATE = {"Time":2023-04-08T17:19:53,"Uptime":8700:00:21,"UptimeSec":21,"Heap":157,"SleepMode":Dynamic,"Sleep":50,"LoadAvg":19,"MqttCount":1,"Berry":{"HeapUsed":3,"Objects":43}, "POWER":ON}
17:49:54.052 MOT: tele/tasmota_6B2128/SENSOR = {"Time":2023-04-08T17:19:53,"ESP32": [{"Temperature":36.7}],"TempUnit":"C"}
17:49:54.053 MOT: tele/tasmota_6B2128/STATE = {"Time":2023-04-08T17:19:53,"Uptime":8700:00:22,"UptimeSec":22,"Heap":156,"SleepMode":Dynamic,"Sleep":50,"LoadAvg":19,"MqttCount":1,"Berry":{"HeapUsed":3,"Objects":43}, "POWER":ON}
17:49:54.054 MOT: tele/tasmota_6B2128/SENSOR = {"Time":2023-04-08T17:19:53,"ESP32": [{"Temperature":36.7}],"TempUnit":"C"}
17:49:54.055 MOT: tele/tasmota_6B2128/STATE = {"Time":2023-04-08T17:19:53,"Uptime":8700:00:23,"UptimeSec":23,"Heap":155,"SleepMode":Dynamic,"Sleep":50,"LoadAvg":19,"MqttCount":1,"Berry":{"HeapUsed":3,"Objects":43}, "POWER":ON}
17:49:54.056 MOT: tele/tasmota_6B2128/SENSOR = {"Time":2023-04-08T17:19:53,"ESP32": [{"Temperature":36.7}],"TempUnit":"C"}
17:49:54.057 MOT: tele/tasmota_6B2128/STATE = {"Time":2023-04-08T17:19:53,"Uptime":8700:00:24,"UptimeSec":24,"Heap":154,"SleepMode":Dynamic,"Sleep":50,"LoadAvg":19,"MqttCount":1,"Berry":{"HeapUsed":3,"Objects":43}, "POWER":ON}
17:49:54.058 MOT: tele/tasmota_6B2128/SENSOR = {"Time":2023-04-08T17:19:53,"ESP32": [{"Temperature":36.7}],"TempUnit":"C"}
17:49:54.059 MOT: tele/tasmota_6B2128/STATE = {"Time":2023-04-08T17:19:53,"Uptime":8700:00:25,"UptimeSec":25,"Heap":153,"SleepMode":Dynamic,"Sleep":50,"LoadAvg":19,"MqttCount":1,"Berry":{"HeapUsed":3,"Objects":43}, "POWER":ON}
17:49:54.060 MOT: tele/tasmota_6B2128/SENSOR = {"Time":2023-04-08T17:19:53,"ESP32": [{"Temperature":36.7}],"TempUnit":"C"}
17:49:54.061 MOT: tele/tasmota_6B2128/STATE = {"Time":2023-04-08T17:19:53,"Uptime":8700:00:26,"UptimeSec":26,"Heap":152,"SleepMode":Dynamic,"Sleep":50,"LoadAvg":19,"MqttCount":1,"Berry":{"HeapUsed":3,"Objects":43}, "POWER":ON}
17:49:54.062 MOT: tele/tasmota_6B2128/SENSOR = {"Time":2023-04-08T17:19:53,"ESP32": [{"Temperature":36.7}],"TempUnit":"C"}
17:49:54.063 MOT: tele/tasmota_6B2128/STATE = {"Time":2023-04-08T17:19:53,"Uptime":8700:00:27,"UptimeSec":27,"Heap":151,"SleepMode":Dynamic,"Sleep":50,"LoadAvg":19,"MqttCount":1,"Berry":{"HeapUsed":3,"Objects":43}, "POWER":ON}
17:49:54.064 MOT: tele/tasmota_6B2128/SENSOR = {"Time":2023-04-08T17:19:53,"ESP32": [{"Temperature":36.7}],"TempUnit":"C"}
17:49:54.065 MOT: tele/tasmota_6B2128/STATE = {"Time":2023-04-08T17:19:53,"Uptime":8700:00:28,"UptimeSec":28,"Heap":150,"SleepMode":Dynamic,"Sleep":50,"LoadAvg":19,"MqttCount":1,"Berry":{"HeapUsed":3,"Objects":43}, "POWER":ON}
17:49:54.066 MOT: tele/tasmota_6B2128/SENSOR = {"Time":2023-04-08T17:19:53,"ESP32": [{"Temperature":36.7}],"TempUnit":"C"}
17:49:54.067 MOT: tele/tasmota_6B2128/STATE = {"Time":2023-04-08T17:19:53,"Uptime":8700:00:29,"UptimeSec":29,"Heap":149,"SleepMode":Dynamic,"Sleep":50,"LoadAvg":19,"MqttCount":1,"Berry":{"HeapUsed":3,"Objects":43}, "POWER":ON}
17:49:54.068 MOT: tele/tasmota_6B2128/SENSOR = {"Time":2023-04-08T17:19:53,"ESP32": [{"Temperature":36.7}],"TempUnit":"C"}
17:49:54.069 MOT: tele/tasmota_6B2128/STATE = {"Time":2023-04-08T17:19:53,"Uptime":8700:00:30,"UptimeSec":30,"Heap":148,"SleepMode":Dynamic,"Sleep":50,"LoadAvg":19,"MqttCount":1,"Berry":{"HeapUsed":3,"Objects":43}, "POWER":ON}
17:49:54.070 MOT: tele/tasmota_6B2128/SENSOR = {"Time":2023-04-08T17:19:53,"ESP32": [{"Temperature":36.7}],"TempUnit":"C"}
17:49:54.071 MOT: tele/tasmota_6B2128/STATE = {"Time":2023-04-08T17:19:53,"Uptime":8700:00:31,"UptimeSec":31,"Heap":147,"SleepMode":Dynamic,"Sleep":50,"LoadAvg":19,"MqttCount":1,"Berry":{"HeapUsed":3,"Objects":43}, "POWER":ON}
17:49:54.072 MOT: tele/tasmota_6B2128/SENSOR = {"Time":2023-04-08T17:19:53,"ESP32": [{"Temperature":36.7}],"TempUnit":"C"}
17:49:54.073 MOT: tele/tasmota_6B2128/STATE = {"Time":2023-04-08T17:19:53,"Uptime":8700:00:32,"UptimeSec":32,"Heap":146,"SleepMode":Dynamic,"Sleep":50,"LoadAvg":19,"MqttCount":1,"Berry":{"HeapUsed":3,"Objects":43}, "POWER":ON}
17:49:54.074 MOT: tele/tasmota_6B2128/SENSOR = {"Time":2023-04-08T17:19:53,"ESP32": [{"Temperature":36.7}],"TempUnit":"C"}
17:49:54.075 MOT: tele/tasmota_6B2128/STATE = {"Time":2023-04-08T17:19:53,"Uptime":8700:00:33,"UptimeSec":33,"Heap":145,"SleepMode":Dynamic,"Sleep":50,"LoadAvg":19,"MqttCount":1,"Berry":{"HeapUsed":3,"Objects":43}, "POWER":ON}
17:49:54.076 MOT: tele/tasmota_6B2128/SENSOR = {"Time":2023-04-08T17:19:53,"ESP32": [{"Temperature":36.7}],"TempUnit":"C"}
17:49:54.077 MOT: tele/tasmota_6B2128/STATE = {"Time":2023-04-08T17:19:53,"Uptime":8700:00:34,"UptimeSec":34,"Heap":144,"SleepMode":Dynamic,"Sleep":50,"LoadAvg":19,"MqttCount":1,"Berry":{"HeapUsed":3,"Objects":43}, "POWER":ON}
17:49:54.078 MOT: tele/tasmota_6B2128/SENSOR = {"Time":2023-04-08T17:19:53,"ESP32": [{"Temperature":36.7}],"TempUnit":"C"}
17:49:54.079 MOT: tele/tasmota_6B2128/STATE = {"Time":2023-04-08T17:19:53,"Uptime":8700:00:35,"UptimeSec":35,"Heap":143,"SleepMode":Dynamic,"Sleep":50,"LoadAvg":19,"MqttCount":1,"Berry":{"HeapUsed":3,"Objects":43}, "POWER":ON}
17:49:54.080 MOT: tele/tasmota_6B2128/SENSOR = {"Time":2023-04-08T17:19:53,"ESP32": [{"Temperature":36.7}],"TempUnit":"C"}
17:49:54.081 MOT: tele/tasmota_6B2128/STATE = {"Time":2023-04-08T17:19:53,"Uptime":8700:00:36,"UptimeSec":36,"Heap":142,"SleepMode":Dynamic,"Sleep":50,"LoadAvg":19,"MqttCount":1,"Berry":{"HeapUsed":3,"Objects":43}, "POWER":ON}
17:49:54.082 MOT: tele/tasmota_6B2128/SENSOR = {"Time":2023-04-08T17:19:53,"ESP32": [{"Temperature":36.7}],"TempUnit":"C"}
17:49:54.083 MOT: tele/tasmota_6B2128/STATE = {"Time":2023-04-08T17:19:53,"Uptime":8700:00:37,"UptimeSec":37,"Heap":141,"SleepMode":Dynamic,"Sleep":50,"LoadAvg":19,"MqttCount":1,"Berry":{"HeapUsed":3,"Objects":43}, "POWER":ON}
17:49:54.084 MOT: tele/tasmota_6B2128/SENSOR = {"Time":2023-04-08T17:19:53,"ESP32": [{"Temperature":36.7}],"TempUnit":"C"}
17:49:54.085 MOT: tele/tasmota_6B2128/STATE = {"Time":2023-04-08T17:19:53,"Uptime":8700:00:38,"UptimeSec":38,"Heap":140,"SleepMode":Dynamic,"Sleep":50,"LoadAvg":19,"MqttCount":1,"Berry":{"HeapUsed":3,"Objects":43}, "POWER":ON}
17:49:54.086 MOT: tele/tasmota_6B2128/SENSOR = {"Time":2023-04-08T17:19:53,"ESP32": [{"Temperature":36.7}],"TempUnit":"C"}
17:49:54.087 MOT: tele/tasmota_6B2128/STATE = {"Time":2023-04-08T17:19:53,"Uptime":8700:00:39,"UptimeSec":39,"Heap":139,"SleepMode":Dynamic,"Sleep":50,"LoadAvg":19,"MqttCount":1,"Berry":{"HeapUsed":3,"Objects":43}, "POWER":ON}
17:49:54.088 MOT: tele/tasmota_6B2128/SENSOR = {"Time":2023-04-08T17:19:53,"ESP32": [{"Temperature":36.7}],"TempUnit":"C"}
17:49:54.089 MOT: tele/tasmota_6B2128/STATE = {"Time":2023-04-08T17:19:53,"Uptime":8700:00:40,"UptimeSec":40,"Heap":138,"SleepMode":Dynamic,"Sleep":50,"LoadAvg":19,"MqttCount":1,"Berry":{"HeapUsed":3,"Objects":43}, "POWER":ON}
17:49:54.090 MOT: tele/tasmota_6B2128/SENSOR = {"Time":2023-04-08T17:19:53,"ESP32": [{"Temperature":36.7}],"TempUnit":"C"}
17:49:54.091 MOT: tele/tasmota_6B2128/STATE = {"Time":2023-04-08T17:19:53,"Uptime":8700:00:41,"UptimeSec":41,"Heap":137,"SleepMode":Dynamic,"Sleep":50,"LoadAvg":19,"MqttCount":1,"Berry":{"HeapUsed":3,"Objects":43}, "POWER":ON}
17:49:54.092 MOT: tele/tasmota_6B2128/SENSOR = {"Time":2023-04-08T17:19:53,"ESP32": [{"Temperature":36.7}],"TempUnit":"C"}
17:49:54.093 MOT: tele/tasmota_6B2128/STATE = {"Time":2023-04-08T17:19:53,"Uptime":8700:00:42,"UptimeSec":42,"Heap":136,"SleepMode":Dynamic,"Sleep":50,"LoadAvg":19,"MqttCount":1,"Berry":{"HeapUsed":3,"Objects":43}, "POWER":ON}
17:49:54.094 MOT: tele/tasmota_6B2128/SENSOR = {"Time":2023-04-08T17:19:53,"ESP32": [{"Temperature":36.7}],"TempUnit":"C"}
17:49:54.095 MOT: tele/tasmota_6B2128/STATE = {"Time":2023-04-08T17:19:53,"Uptime":8700:00:43,"UptimeSec":43,"Heap":135,"SleepMode":Dynamic,"Sleep":50,"LoadAvg":19,"MqttCount":1,"Berry":{"HeapUsed":3,"Objects":43}, "POWER":ON}
17:49:54.096 MOT: tele/tasmota_6B2128/SENSOR = {"Time":2023-04-08T17:19:53,"ESP32": [{"Temperature":36.7}],"TempUnit":"C"}
17:49:54.097 MOT: tele/tasmota_6B2128/STATE = {"Time":2023-04-08T17:19:53,"Uptime":8700:00:44,"UptimeSec":44,"Heap":134,"SleepMode":Dynamic,"Sleep":50,"LoadAvg":19,"MqttCount":1,"Berry":{"HeapUsed":3,"Objects":43}, "POWER":ON}
17:49:54.098 MOT: tele/tasmota_6B2128/SENSOR = {"Time":2023-04-08T17:19:53,"ESP32": [{"Temperature":36.7}],"TempUnit":"C"}
17:49:54.099 MOT: tele/tasmota_6B2128/STATE = {"Time":2023-04-08T17:19:53,"Uptime":8700:00:45,"UptimeSec":45,"Heap":133,"SleepMode":Dynamic,"Sleep":50,"LoadAvg":19,"MqttCount":1,"Berry":{"HeapUsed":3,"Objects":43}, "POWER":ON}
17:49:54.100 MOT: tele/tasmota_6B2128/SENSOR = {"Time":2023-04-08T17:19:53,"ESP32": [{"Temperature":36.7}],"TempUnit":"C"}
17:49:54.101 MOT: tele/tasmota_6B2128/STATE = {"Time":2023-04-08T17:19:53,"Uptime":8700:00:46,"UptimeSec":46,"Heap":132,"SleepMode":Dynamic,"Sleep":50,"LoadAvg":19,"MqttCount":1,"Berry":{"HeapUsed":3,"Objects":43}, "POWER":ON}
17:49:54.102 MOT: tele/tasmota_6B2128/SENSOR = {"Time":2023-04-08T17:19:53,"ESP32": [{"Temperature":36.7}],"TempUnit":"C"}
17:49:54.103 MOT: tele/tasmota_6B2128/STATE = {"Time":2023-04-08T17:19:53,"Uptime":8700:00:47,"UptimeSec":47,"Heap":131,"SleepMode":Dynamic,"Sleep":50,"LoadAvg":19,"MqttCount":1,"Berry":{"HeapUsed":3,"Objects":43}, "POWER":ON}
17:49:54.104 MOT: tele/tasmota_6B2128/SENSOR = {"Time":2023-04-08T17:19:53,"ESP32": [{"Temperature":36.7}],"TempUnit":"C"}
17:49:54.105 MOT: tele/tasmota_6B2128/STATE = {"Time":2023-04-08T17:19:53,"Uptime":8700:00:48,"UptimeSec":48,"Heap":130,"SleepMode":Dynamic,"Sleep":50,"LoadAvg":19,"MqttCount":1,"Berry":{"HeapUsed":3,"Objects":43}, "POWER":ON}
17:49:54.106 MOT: tele/tasmota_6B2128/SENSOR = {"Time":2023-04-08T17:19:53,"ESP32": [{"Temperature":36.7}],"TempUnit":"C"}
17:49:54.107 MOT: tele/tasmota_6B2128/STATE = {"Time":2023-04-08T17:19:53,"Uptime":8700:00:49,"UptimeSec":49,"Heap":129,"SleepMode":Dynamic,"Sleep":50,"LoadAvg":19,"MqttCount":1,"Berry":{"HeapUsed":3,"Objects":43}, "POWER":ON}
17:49:54.108 MOT: tele/tasmota_6B2128/SENSOR = {"Time":2023-04-08T17:19:53,"ESP32": [{"Temperature":36.7}],"TempUnit":"C"}
17:49:54.109 MOT: tele/tasmota_6B2128/STATE = {"Time":2023-04-08T17:19:53,"Uptime":8700:00:50,"UptimeSec":50,"Heap":128,"SleepMode":Dynamic,"Sleep":50,"LoadAvg":19,"MqttCount":1,"Berry":{"HeapUsed":3,"Objects":43}, "POWER":ON}
17:49:54.110 MOT: tele/tasmota_6B2128/SENSOR = {"Time":2023-04-08T17:19:53,"ESP32": [{"Temperature":36.7}],"TempUnit":"C"}
17:49:54.111 MOT: SetOption146 1
17:49:54.112 MOT: stat/tasmota_6B2128/RESULT = {"SetOption146": "ON"} Enter command Consoles Tasmota 12.4.0 by TeamArclia
```

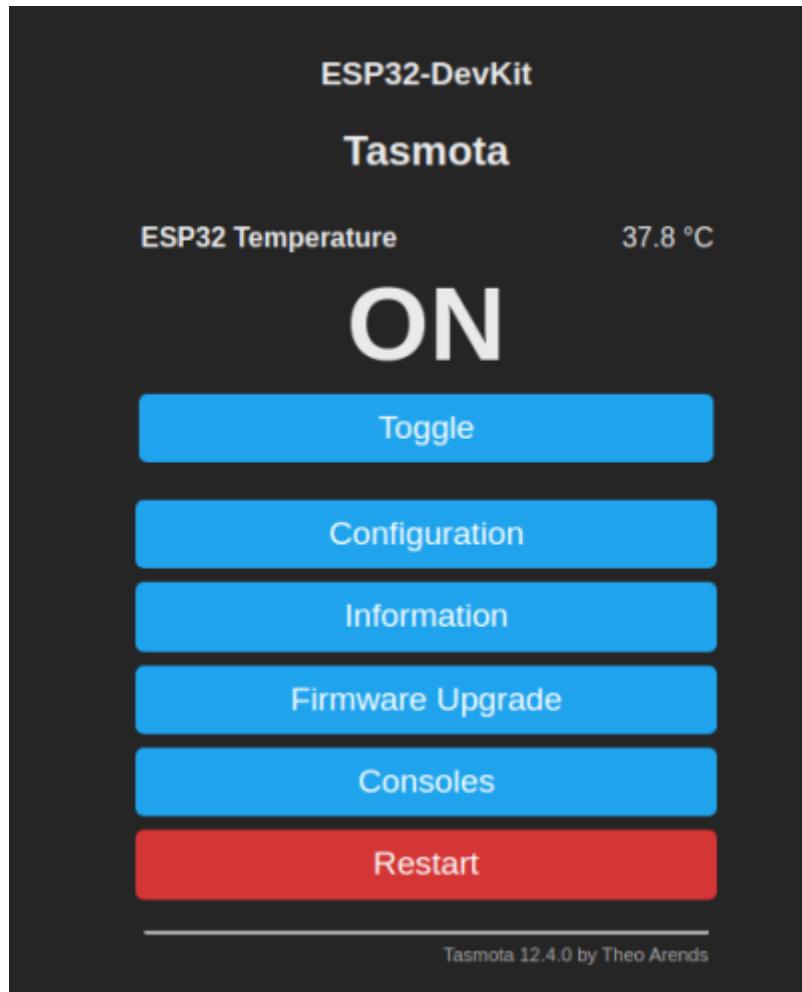
Vous devez voir afficher :

```
17:20:28.274 CMD: SetOption146 1
17:20:28.281 MQT: stat/tasmota_6B2128/RESULT = {"SetOption146": "ON"}
```

Et la periode d 'envoi (même si indiquer 5 il mettra 10 ...)

```
17:23:12.292 CMD: teleperiod 5
17:23:12.299 MQT: stat/tasmota_6B2128/RESULT = {"TelePeriod": 10}
```

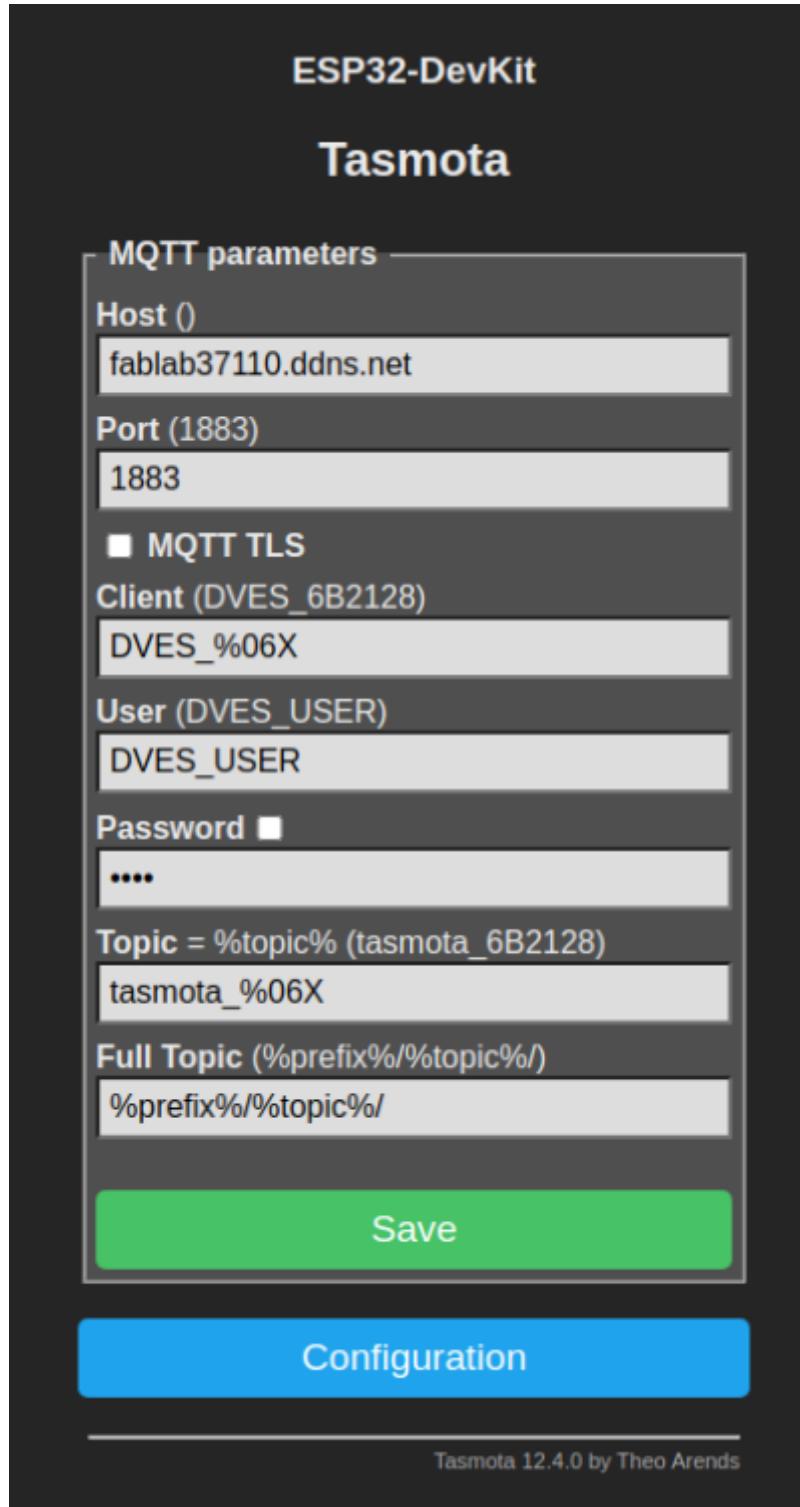
En retournant sur le menu principal vous devez avoir ce ceci , La temperature de l'ESP32 et le bouton (si vous l'avez configurer):



Vous allez à nouveau sur la console et vous copier cette ligne : l'indication 6B2128 sera différente en fonction de votre ESP32

```
tele/tasmota_6B2128/SENSOR
```

Avant de vous connecter sur VOTRE serveur node-red , **verifié que le paramétrage de MQTT est bon**



Pour l'exercice je prends le serveur : fablab37110.ddns.net:1883 . Mais vous pouvez le configurer avec un autre serveur MQTT , il faut juste que sur Tasmota et node-red , ce soit le même...

On se connecte sur SON serveur node-red

pour l'exercice : "castellab.ddnsfree.com:18xx" xx correspond à VOTRE serveur node-red (voir le courriel)

On insere un noeud "MQTT IN" , on le parametre avec I @IPMQTT:1883 (exemple

Last update: faire_preparation:soireeinfo:tp:corex2 https://www.fablab37110.chanterie37.fr/doku.php?id=faire_preparation:soireeinfo:tp:corex2&rev=1680976976 2023/04/08 20:02

fablab37110.ddns.net:1883) et le bon topic “tele/tasmota_6B2128/SENSOR” on appuis sur “Done”

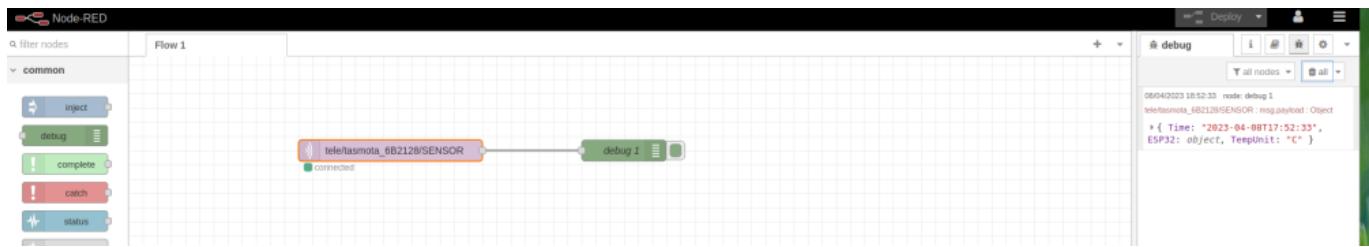
On insere un noeud “Debug”

On relie les 2 noeuds

On valide par “Deploy”

On se positionne sur l'onglet “Debug”

On verifie que les infos de temperatures arrive bien sur le serveur node-red

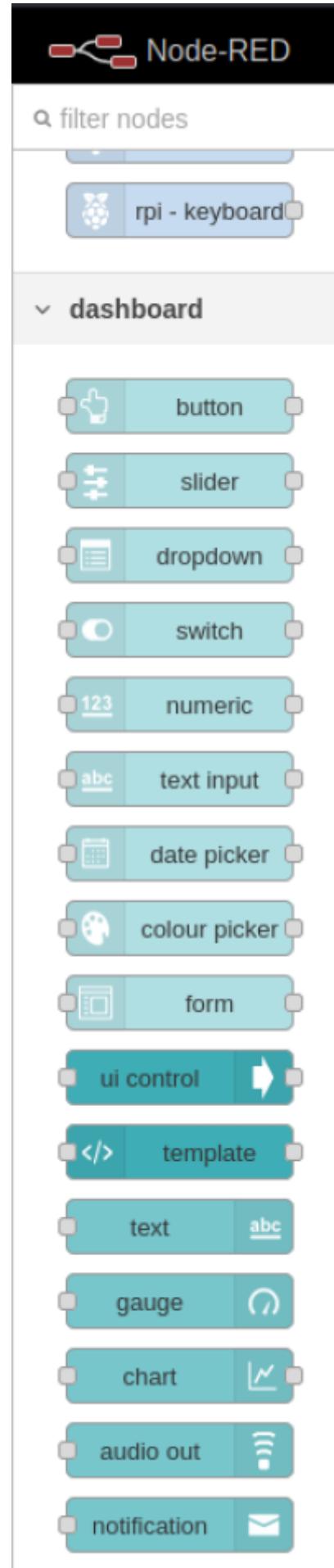


Pour lire la temperature , cliquer sur l'info ESP32 en rouge : **ESP32: object, TempUnit: "C" }**

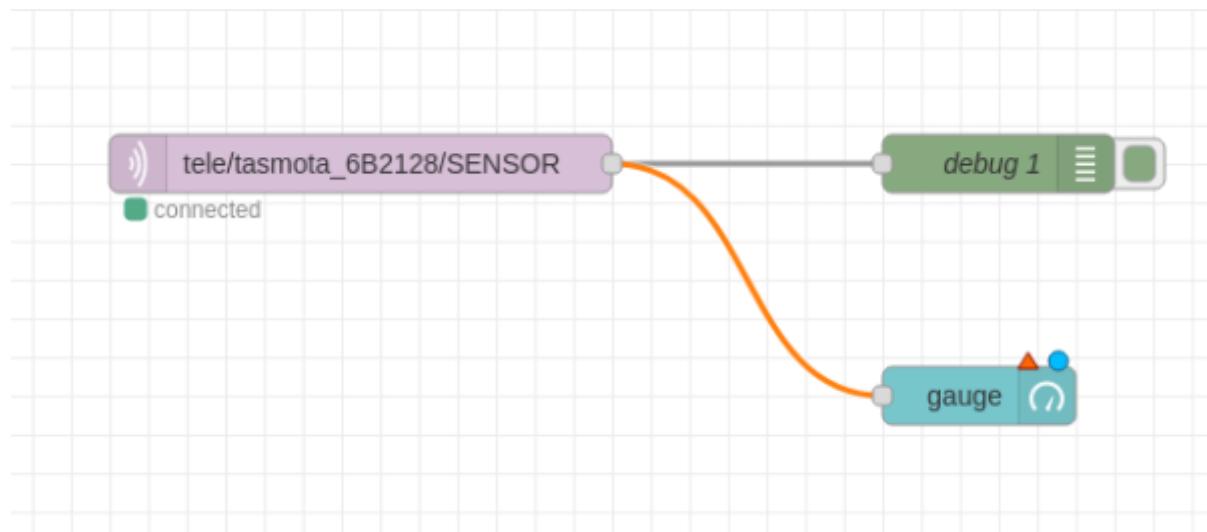
```
08/04/2023 18:53:24  node: debug 1
tele/tasmota_6B2128/SENSOR : msg.payload : Object
  ▼ object
    Time: "2023-04-08T17:53:22"
  ▼ ESP32: object
    Temperature: 38.9
    TempUnit: "C"
```

On a bien la temperature qui arrive sur node-red , maintenant il faut l'afficher sur une gauge dans un dashboard

Il faut donc avoir installer les noeuds Dashboard “**node-red-dashboard**” ou l'installer maintenant (revoir le tuto précédent)



Inserer le noeud "Gauge" dans votre Flow et relié le à votre MQTT IN



Paramétrage du noeud "Gauge"

The screenshot shows the 'Edit gauge node' configuration dialog and the Node-RED interface. The configuration dialog includes fields for Group (principal test001), Size (auto), Type (Gauge), Label (gauge), Value format ({{payload.ESP32.Temperature}}), Units (units), Range (min 0, max 45), Colour gradient (green, yellow, red), Sectors (0, ..., optional, ..., optional, ..., 45), and a checkbox for 'Fill gauge from centre'. The 'Name' field is empty. The Node-RED interface shows a log of sensor data from 'tele/tafmota_6B2128/SENSOR' with Time, ESP32, object, and TempUnit fields.

```

[{"Time": "2023-04-08T18:10:53", "ESP32": "object", "TempUnit": "C"}, {"Time": "2023-04-08T18:11:02", "ESP32": "object", "TempUnit": "C"}, {"Time": "2023-04-08T18:11:13", "ESP32": "object", "TempUnit": "C"}, {"Time": "2023-04-08T18:11:22", "ESP32": "object", "TempUnit": "C"}, {"Time": "2023-04-08T18:11:32", "ESP32": "object", "TempUnit": "C"}, {"Time": "2023-04-08T18:11:43", "ESP32": "object", "TempUnit": "C"}, {"Time": "2023-04-08T18:11:53", "ESP32": "object", "TempUnit": "C"}]
  
```

Cliquer sur le crayon : dans "Name" Indiquer le nom du groupe d'objets exemple Chambre etage et dans "Tab" Maison (avec le crayon) On peut dire que Name ce sont les pieces à l'interieur d une maison "Tab"

Edit gauge node > **Edit dashboard group node**

Properties

Delete **Cancel** **Update**

Name	test001
Tab	principal <input type="button" value="edit"/>
Class	Optional CSS class name(s) for widget
Width	10
<input checked="" type="checkbox"/> Display group name	
<input type="checkbox"/> Allow group to be collapsed	

Fait "Update"

Vous retrouver le 1er écran "Edit gauge node"

Edit gauge node

Delete Cancel Done

Properties

Group: [maison] Chambre etage

Size: auto

Type: Gauge

Label: gauge

Value format: {{payload.ESP32.Temperature}}

Units: units

Range: min 0 max 45

Colour gradient: (Green, Yellow, Red)

Sectors: 0 ... optional ... optional ... 45

Fill gauge from centre:

Class: Optional CSS class name(s) for widget

Name:

Vous retrouvez les informations du Group = [maison]Chambre etage

Le type = Gauge

Le label , ce que vous voulez , j'ai mis " Temperature de la chambre etage "

Le champ "Value Format" est important : il faut le mettre entre 2 fois des accolades
{payload.ESP32.Temperature}}

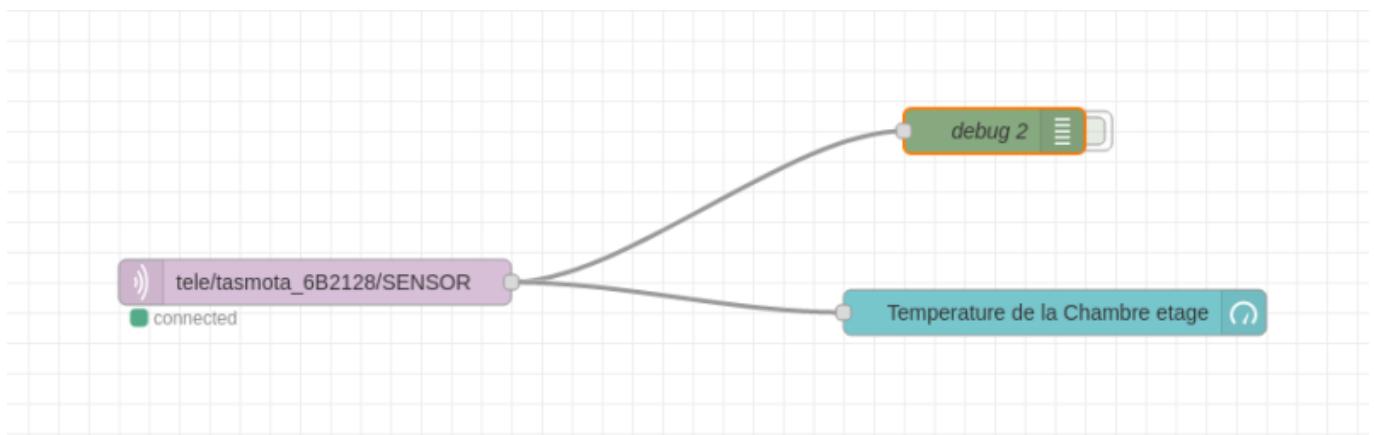
Que l'on peut copier en passant la souris sur "Temperature: 38.9" on obtient une icone marquée "Copy path" , on clique sur cette icone et on copie entre les accolades on doit donc avoir
{payload.ESP32.Temperature}}

```

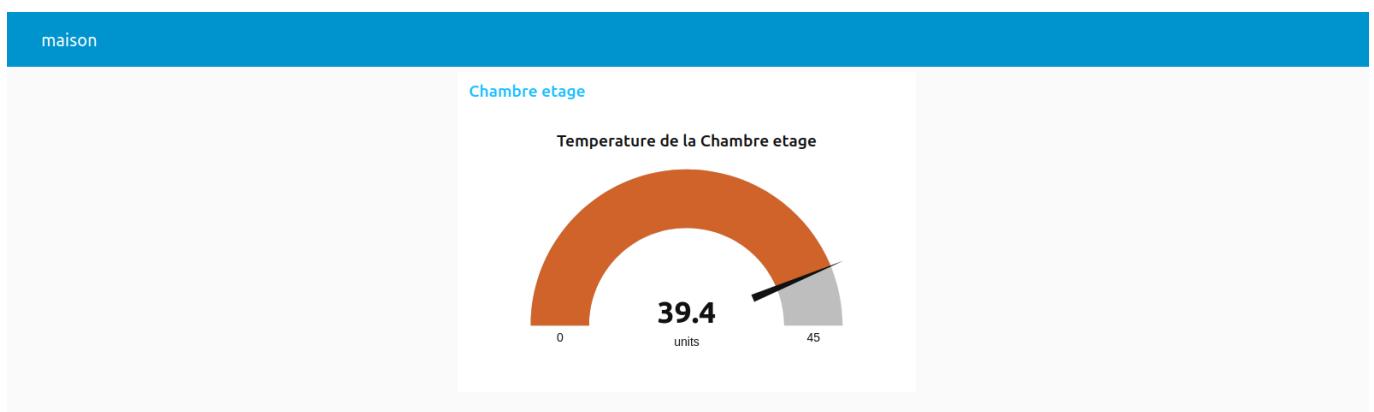
08/04/2023 18:53:24  node: debug 1
tele/tasmota_6B2128/SENSOR : msg.payload : Object
  ▼ object
    Time: "2023-04-08T17:53:22"
  ▼ ESP32: object
    Temperature: 38.9
    TempUnit: "C"

```

On peut changer la plage des valeurs dans les champs “Range” ici j'indique entre 0 et 45 et on clique sur “Done” et ensuite “Deploy”



En se connectant à : “castellab.ddnsfree.com:18xx/ui” on obtient le dashboard :



La couleur orange doit correspondre à un mélange du jaune et du rouge (38°9) (il commence à faire chaud) , on peut choisir la taille de la gauge dans le champ “Size”

Vous pouvez voir ce que cela fait en changeant les valeurs maxi et mini et la taille de la gauge

A SUIVRE ... Avec l'affichage en mode graphique ...

Last
update:
2023/04/08 faire_preparation:soireeinfo:tp:corex2 https://www.fablab37110.chanterie37.fr/doku.php?id=faire_preparation:soireeinfo:tp:corex2&rev=1680976976
20:02

From:

<https://www.fablab37110.chanterie37.fr/> - Castel'Lab le Fablab MJC de Château-Renault

Permanent link:

https://www.fablab37110.chanterie37.fr/doku.php?id=faire_preparation:soireeinfo:tp:corex2&rev=1680976976

Last update: **2023/04/08 20:02**

