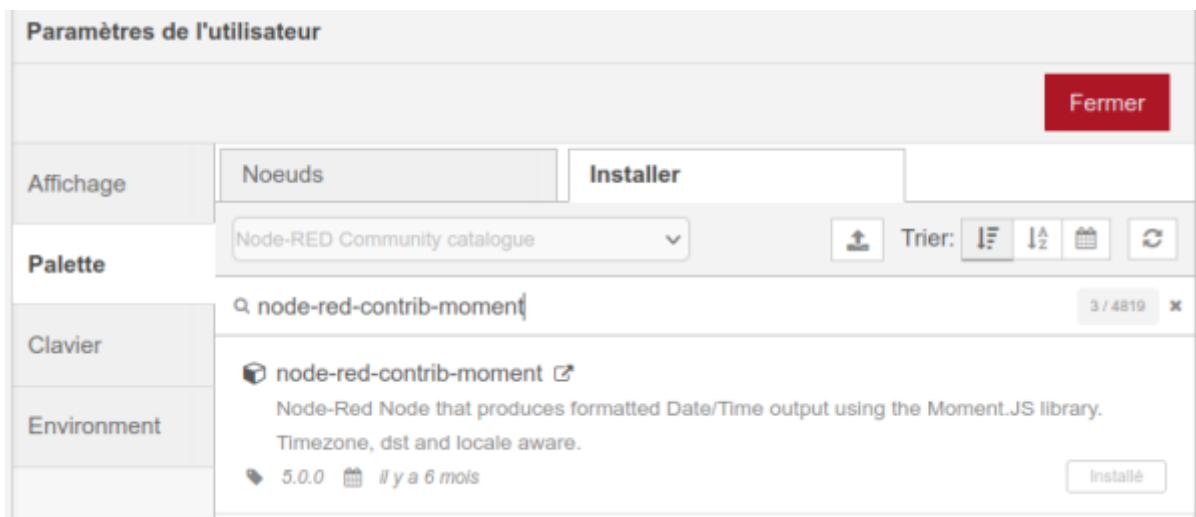


# Date et heure dans Node red

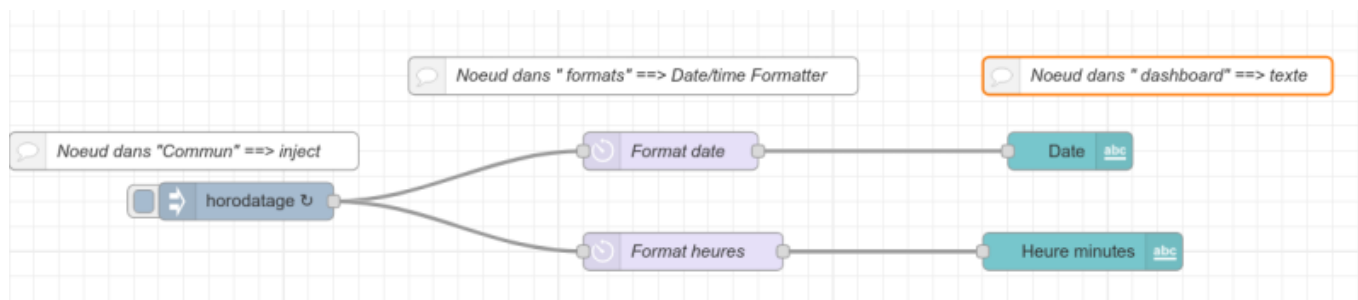
Pour **avoir la date du serveur** , ICI le raspberry qui sert de serveur Node-Red

## Avec le noeud Date/Time Formater

Il faut dans le menu " Gerer la palette" installer ==> **node-red-contrib-moment**



Dans node-red , mettre les noeuds suivant :



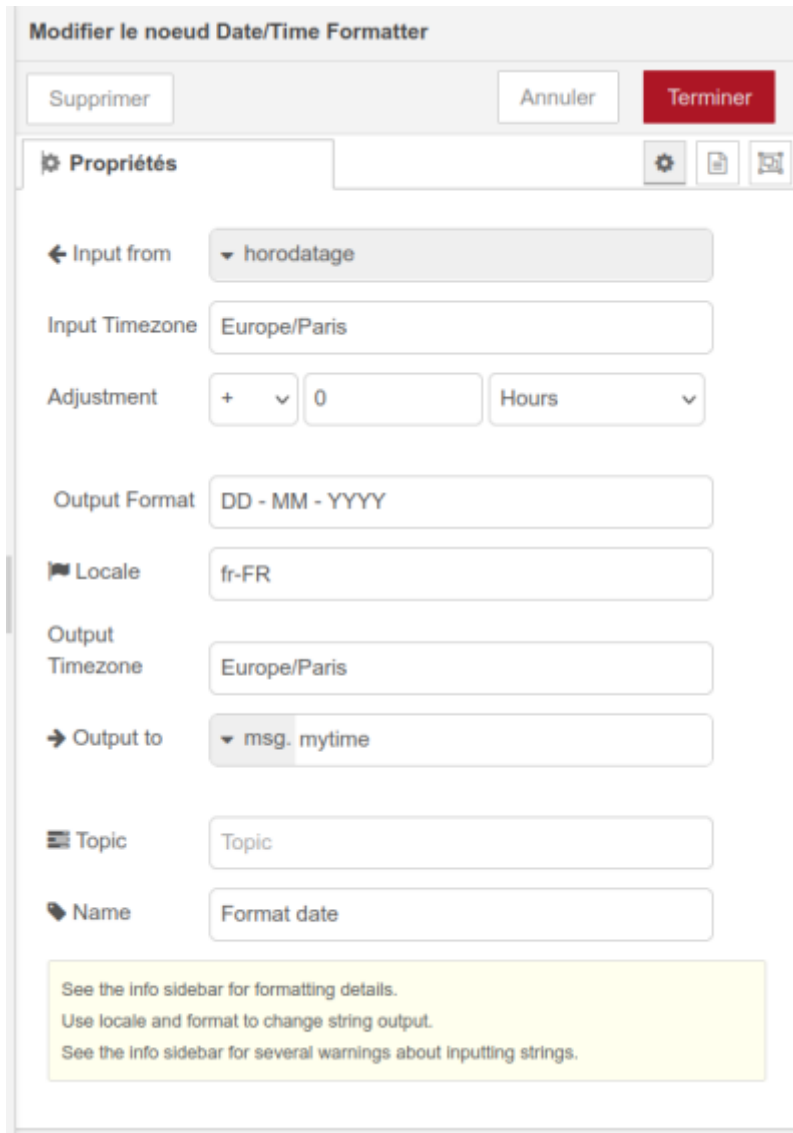
## Le noeud "Horodatage"

Intervalle => 1 secondes si vous voulez afficher les secondes ....

The screenshot shows a Node-RED node configuration window titled "Modifier le noeud inject". At the top, there are three buttons: "Supprimer", "Annuler", and "Terminer". Below this is a "Propriétés" section with a gear icon, a document icon, and a refresh icon. The "Nom" field contains the text "Nom". Below the name field, there are two message properties: "msg.payload" is set to "horodatage" and "msg.topic" is set to "a\_z". At the bottom of the configuration area, there is an "Ajouter" button and an "Injecter maintenant" button. Below the configuration area, there is a checkbox for "Injecter une fois après 0.1 secondes, puis" which is currently unchecked. Below that, there is a "Répéter" section with a dropdown menu set to "intervalle", a "chaque" field set to "1", and a unit dropdown set to "secondes".

### le noeud "Date/Time Formatter" pour la date

=> Input From = Horodatage Output format = DD - MM - YYYY et Output to = msg.mytime



### le noeud "Date/Time Formatter" pour l'heure

=> Input From = Horodatage Output format = h - m - s ( en minuscule ) et Output to = msg.mytime

### Modifier le noeud Date/Time Formatter

Supprimer Annuler Terminer

**Propriétés**

← Input from horodatage

Input Timezone Europe/Paris

Adjustment + 0 Hours

Output Format h - m - s

Locale fr-FR

Output Timezone Europe/Paris

→ Output to msg. mytime

Topic Topic

Name Format heures

See the info sidebar for formatting details.  
Use locale and format to change string output.  
See the info sidebar for several warnings about inputting strings.

## Affichage dans le dashboard

Date	23 - 01 - 2024
Heure minutes	11 - 16 - 41

## Heure\_PI\_Node\_red.json

```
[  
  {  
    "id": "35ba45dfea2add23",  
    "type": "moment",  
    "z": "cd6db7a86b3ae202",  
    "name": "Format date",
```

```
"topic": "",
"input": "",
"inputType": "date",
"inTz": "Europe/Paris",
"adjAmount": "0",
"adjType": "hours",
"adjDir": "add",
"format": "DD - MM - YYYY",
"locale": "fr-FR",
"output": "mytime",
"outputType": "msg",
"outTz": "Europe/Paris",
"x": 530,
"y": 140,
"wires": [
  [
    "e5b65527ac9c319f"
  ]
]
},
{
  "id": "e5b65527ac9c319f",
  "type": "ui_text",
  "z": "cd6db7a86b3ae202",
  "group": "932d398289bfe457",
  "order": 23,
  "width": 0,
  "height": 0,
  "name": "",
  "label": "Date",
  "format": "{{msg.mytime}}",
  "layout": "row-spread",
  "className": "",
  "style": false,
  "font": "",
  "fontSize": 16,
  "color": "#000000",
  "x": 850,
  "y": 140,
  "wires": []
},
{
  "id": "446e81bd677607f0",
  "type": "inject",
  "z": "cd6db7a86b3ae202",
  "name": "",
  "props": [
    {
      "p": "payload"
    }
  ]
}
```

```
        "p": "topic",
        "vt": "str"
      }
    ],
    "repeat": "1",
    "crontab": "",
    "once": false,
    "onceDelay": 0.1,
    "topic": "",
    "payload": "",
    "payloadType": "date",
    "x": 190,
    "y": 180,
    "wires": [
      [
        "35ba45dfea2add23",
        "6eda1c3d5cedd21b"
      ]
    ]
  },
  {
    "id": "70e3312fe2a2ccb",
    "type": "ui_text",
    "z": "cd6db7a86b3ae202",
    "group": "932d398289bfe457",
    "order": 23,
    "width": 0,
    "height": 0,
    "name": "",
    "label": "Heure minutes",
    "format": "{{msg.mytime}}",
    "layout": "row-spread",
    "className": "",
    "style": false,
    "font": "",
    "fontSize": 16,
    "color": "#000000",
    "x": 860,
    "y": 220,
    "wires": []
  },
  {
    "id": "6eda1c3d5cedd21b",
    "type": "moment",
    "z": "cd6db7a86b3ae202",
    "name": "Format heures",
    "topic": "",
    "input": "",
    "inputType": "date",
```

```
    "inTz": "Europe/Paris",
    "adjAmount": "0",
    "adjType": "hours",
    "adjDir": "add",
    "format": "h - m - s ",
    "locale": "fr-FR",
    "output": "mytime",
    "outputType": "msg",
    "outTz": "Europe/Paris",
    "x": 540,
    "y": 220,
    "wires": [
      [
        "70e3312fe2a2ccbb"
      ]
    ]
  },
  {
    "id": "503ce05089ffc9a2",
    "type": "comment",
    "z": "cd6db7a86b3ae202",
    "name": "Noeud dans \"Commun\" ==> inject",
    "info": "",
    "x": 140,
    "y": 140,
    "wires": []
  },
  {
    "id": "2ace59f945371216",
    "type": "comment",
    "z": "cd6db7a86b3ae202",
    "name": "Noeud dans \" formats\" ==> Date/time Formatter",
    "info": "",
    "x": 500,
    "y": 80,
    "wires": []
  },
  {
    "id": "b38d4bc26e9e0a95",
    "type": "comment",
    "z": "cd6db7a86b3ae202",
    "name": "Noeud dans \" dashboard\" ==> texte",
    "info": "",
    "x": 920,
    "y": 80,
    "wires": []
  },
  {
    "id": "932d398289bfe457",
    "type": "ui_group",
    "name": "ESP32 ",
```

```
    "tab": "868039c03e1e9bab",
    "order": 1,
    "disp": true,
    "width": "10",
    "collapse": false,
    "className": ""
  },
  {
    "id": "868039c03e1e9bab",
    "type": "ui_tab",
    "name": "ESP32_802060",
    "icon": "dashboard",
    "order": 2,
    "disabled": false,
    "hidden": false
  }
]
```

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

Permanent link: <https://www.fablab37110.chanterie37.fr/doku.php?id=start:esp32:nodered:heure:nr&rev=1706005560>

Last update: 2024/01/23 11:26

