# 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** 

Paramètres de	utilisateur	
		Fermer
Affichage	Noeuds	
Palette	Node-RED Community catalogue	▲ Trier: 17 12 m 2
Clavier	Q node-red-contrib-moment	3/4819
CIAVICI	📦 node-red-contrib-moment 🗷	
Environment	Node-Red Node that produces formatted Date/ Timezone, dst and locale aware.	Time output using the Moment.JS library.
	🔖 5.0.0 🛗 II y a 6 mois	Installé

#### Dans node-red , mettre les noeuds suivant :

	Noeud dans " formats" ==> Date/time Formatter	Noeud dans " dashboard" ==> texte
Noeud dans "Commun" ==> inject	Format date	Date abc
horodatage b	Format heures	Heure minutes abc

#### Le noeud "Horodatage"

Intervalle  $\Rightarrow$  1 secondes si vous voulez afficher les secondes ....

lodifier le noe	ud inject						
Supprimer					Annuler	Те	rminer
Propriétés						٥	
Nom 🗣	Nom						
≡ msg. pa	ayload	= v horod	latage				×
≡ msg. to	pic	= • a <sub>z</sub>					×
+ Ajouter						Injecter n	naintenant
+ Ajouter	□ Injecter	une fois ap	orès 0.	1 seco	ndes, pui	injecter n S	naintenant
+ Ajouter C Répéter	Injecter	une fois ap	orès 0.	1 seco	ndes, pui	Injecter m S	naintenant

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

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

Modifier le noeud Date/Time Formatter				
Supprimer			Annuler	Terminer
Propriétés				•
← Input from		ge		
Input Timezone	Europe/Paris			
Adjustment	+ ~ 0		Hours	~
Output Format	DD - MM - YYYY			
🍽 Locale	fr-FR			
Output Timezone	Europe/Par	is		
→ Output to	✓ msg. mytime			
Nopic 1	Topic			
Name	Format date			
See the info sideb Use locale and for See the info sideb	ar for formatting mat to change ar for several w	g details. string output. arnings about input	ting strings.	

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

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

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Modifier le noeud Date/Time Formatter					
Supprimer			Annuler	Terminer	
Propriétés				•	
← Input from	+ horoda	atage			
Input Timezone	Europe/P	Europe/Paris			
Adjustment	+ •	0	Hours	~	
Output Format	h - m - s				
🛤 Locale	fr-FR				
Output Timezone	Europe/P	Paris			
→ Output to	▼ msg. mytime				
Topic	Topic				
Name 🗣	Format h	eures			
See the info sideb Use locale and for See the info sideb	ar for formati mat to chang ar for severa	ting details. ge string output. I warnings about input	ting strings.		

## Affichage dans le dashboard

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

### Code javascript

Vous pouvez importer ce code javascript dans un flux Node-Red pour avoir la date et l'heure dans votre dashboard , mais vous pouvez aussi tout refaire à la main en suivant les exemples ci-dessus ...



l {

```
"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": [
        L
             "e5b65527ac9c319f"
        1
    1
},
{
    "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"
        1
    1
},
{
    "id": "70e3312fe2a2ccbb",
    "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": [
        - E
            "70e3312fe2a2ccbb"
    1
},
{
    "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,
    "v": 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
}
```

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