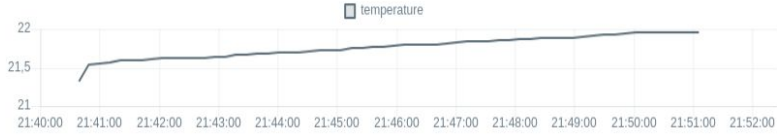


Dashboard deel 2

temperature



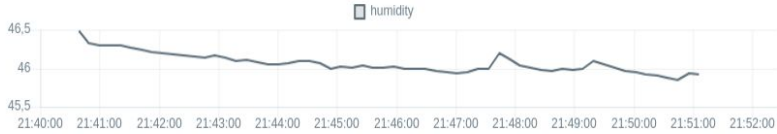
temperature



humidity



humidity

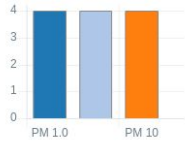


pressure
1020.41 hPa

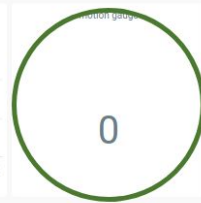
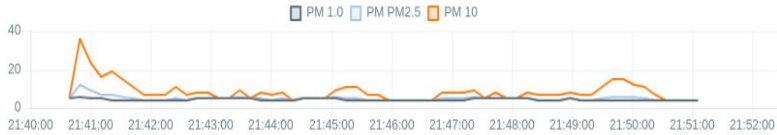
pressure



particle sensor



particle sensor



Importeren van de flow

2 mogelijkheden:

- Van clipboard
- Van file

Sla volgende inhoud van de link op of kopieer het naar de clipboard:

<https://raw.githubusercontent.com/bryanhonof/pxlairquality-heroku-nodered/master/.node-red/flows.json>

filter nodes

Flow 1

+

≡

i info

View

subflows

Reset
Database

input

inject

catch

status

link

mqtt

http

websocket

output

debug

link

mqtt

http response

websocket

function

function

template

delay

Clipboard

Library

Examples

Import

Export

Search flows

Configuration nodes

Flows

Subflows

Manage palette

Settings

Keyboard shortcuts

Node-RED website

v0.20.3

Enable or disable these tips from the
option in the settings

filter nodes

Flow 1

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i info

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▼

input

inject

catch

status

link

mqtt

http

websocket

output

debug

link

mqtt

http response

websocket

function

function

template

delay

trigger

comment

http request

Import nodes

Paste flow json or  select a file to import

Import to

current flow

new flow

Cancel

Import

Information

Flow "2e2ff767.eb2aa8"

Name Flow 1

Status Enabled

Description

Dragging a node onto a wire will
splice it into the link

filter nodes

Flow 1

ui app

db app



i info



subflows

Reset
Database

input

Inject

catch

status

link

mqtt

http

websocket

output

debug

link

mqtt

http response

websocket

function

function

template

delay

Information

Flow "49f8837a.171abc"

Name Flow 1

Status Enabled

Description

 click and drag on a node port
to move all of the attached wires or
just the selected one

Verwijder de niet gebruikte flow

filter nodes

Flow 1

ui app

db app

+

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i info

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▼

subflows

Reset Database

input

inject

catch

status

link

mqtt

http

websocket

output

debug

link

mqtt

http response

websocket

function

function

template

delay

Information

Flow "49f8837a.171abc"

Name Flow 1

Status Enabled

Description

click and drag on a node port to move all of the attached wires or just the selected one

filter nodes

Flow 1

ui app

db app

subflows

Reset
Database

input

inject

catch

status

link

mqtt

http

websocket

output

debug

link

mqtt

http response

websocket

function

function

template

delay

Edit flow: Flow 1

Delete

Cancel

Done

Name

Flow 1

Status

☒ Enabled

Description

h1

h2

h3

B

I

</>



1

info

i





Information

Flow "49f8837a.171abc"

Name Flow 1

Status Enabled

Description

Hold down  when you  on a node to also select all of its connected nodes

Configureer de database en MQTT
nodes

filter nodes

ui app

db app

subflows

Reset Database

input

inject

catch

status

link

mqtt

http

websocket

output

debug

link

mqtt

http response

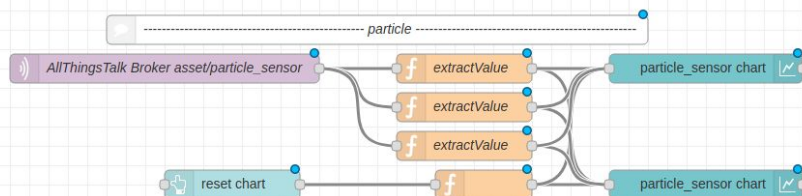
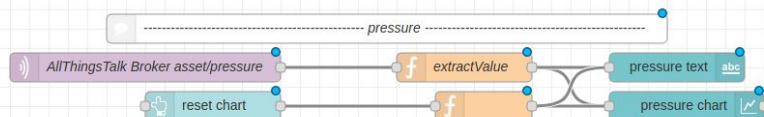
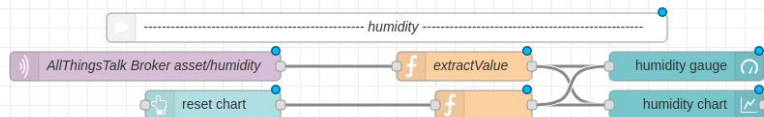
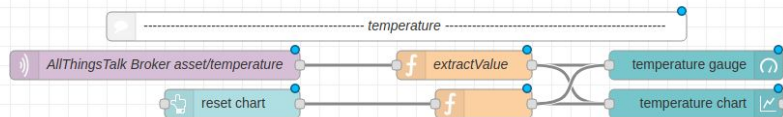
websocket

function

function

template

delay



aos

info

View

Info

Import

Export

Flow

Name

Status

Search flows

Description

Configuration nodes

Flows

Subflows

Manage palette

Settings

Keyboard shortcuts

Node-RED website

v0.20.3

Enable or disable these tips from the option in the settings

filter nodes

ui app

db app

subflows

Reset Database

input

inject

catch

status

link

mqtt

http

websocket

output

debug

link

mqtt

http response

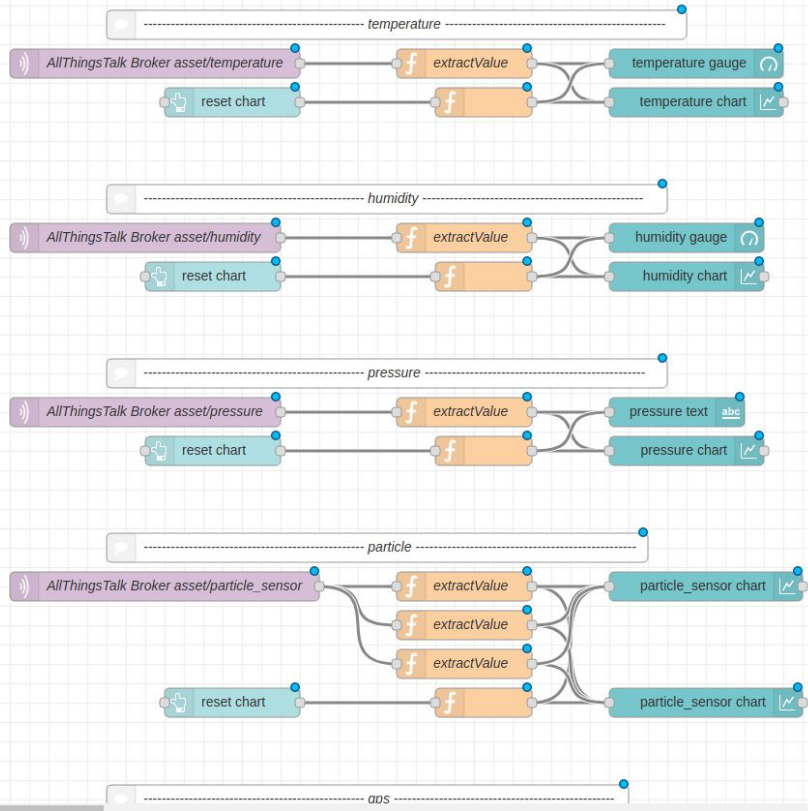
websocket

function

function

template

delay



config

i 查 表

all unused

On all flows

mongodb

Heroku MongoDB 11

mqtt-broker

AllThingsTalk Network 7

ui_base

Node-RED Dashboard

ui_group

[PINBOARD] space1 0

[PINBOARD] gauges 4

[PINBOARD] time ch 4

[PINBOARD] map 2

[CONTROLS] temper 1

[CONTROLS] databa 1

[CONTROLS] humidi 1

[CONTROLS] pressu 1

[CONTROLS] particl 1

ui_tab

PINBOARD 4

PULSE 0

PULSE 0

Heroku MongoDB configuratie

Volgende dingen zijn nodig om de database te configureren:

- Host address en poort
- Database naam
- Username
- Password

filter nodes

subflows

Reset Database

input

inject

catch

status

link

mqtt

http

websocket

output

debug

link

mqtt

http response

websocket

function

function

template

delay

ui app

db app

temperature

AllThingsTalk Broker asset/temperature

extractValue

reset chart

humidity

AllThingsTalk Broker asset/humidity

extractValue

reset chart

pressure

AllThingsTalk Broker asset/pressure

extractValue

reset chart

particle

AllThingsTalk Broker asset/particle_sensor

extractValue

extractValue

extractValue

reset chart

ads

Edit mongodb node

Delete

Cancel

Update

Properties

Host

ds243931.mlab.com

Port

4393

Database

heroku_vsrplds8

Username

nodered

Password

Name

Heroku MongoDB

config

On all flows

mongodb

Heroku MongoDB

11

mqtt-broker

AllThingsTalk Network

7

ui_base

Node-RED Dashboard

ui_group

[PINBOARD] space1

0

[PINBOARD] gauges

4

[PINBOARD] time ch

4

[PINBOARD] map

2

[CONTROLS] temper

1

[CONTROLS] databa

1

[CONTROLS] humidi

1

[CONTROLS] pressu

1

[CONTROLS] partick

1

ui_tab

PINBOARD

4

PULSE

0

11 nodes use this config

On all flows

filter nodes

ui app

db app

subflows

Reset Database

input

inject

catch

status

link

mqtt

http

websocket

output

debug

link

mqtt

http response

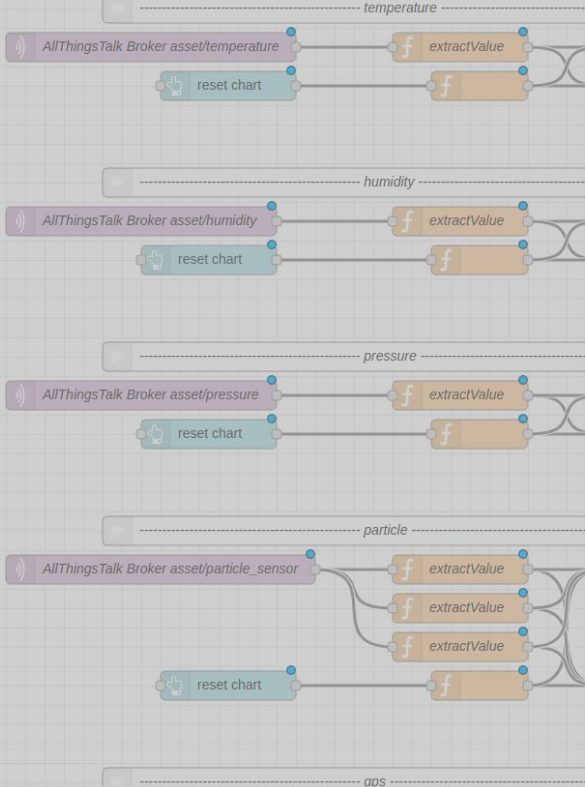
websocket

function

function

template

delay



Edit mongodb node

Delete

Cancel

Update

Properties

Host

ds243931.mlab.com

Port

4393

Database

heroku_vsrplds8

Username

nodered

Password

Name

Heroku MongoDB

config

On all flows

mongodb

Heroku MongoDB

11

mqtt-broker

AllThingsTalk Network

7

ui_base

Node-RED Dashboard

ui_group

[PINBOARD] space1

0

[PINBOARD] gauges

4

[PINBOARD] time ch

4

[PINBOARD] map

2

[CONTROLS] temper

1

[CONTROLS] databa

1

[CONTROLS] humidi

1

[CONTROLS] pressu

1

[CONTROLS] partick

1

ui_tab

PINBOARD

4

PULSE

0

11 nodes use this config

On all flows

Installed add-ons \$0.00/month

[Configure Add-ons](#)mLab MongoDB sandbox
mongolab-rectangular-71509

Dynos formation \$0.00/month

[Configure Dynos](#)

This app is using free dynos

web npm start

ON

Collaborator activity ⓘ

[Manage Access](#)

bryanhonof@gmail.com

1 deploy

Latest activity

[All Activity](#)bryanhonof@gmail.com: Deployed
Today at 9:58 PM · v6bryanhonof@gmail.com: @ref:mongolab-rectangular-71509 completed
provisioning, setting MONGODB_URI.
Today at 9:58 PM · v5bryanhonof@gmail.com: Attach MONGODB (@ref:mongolab-rectangular-71509)
Today at 9:58 PM · v4bryanhonof@gmail.com: Build succeeded
Today at 9:58 PM · [View build log](#)bryanhonof@gmail.com: Set NODE_RED_USERNAME, NODE_RED_PASSWORD,
ORANGE_DEVICE_ID, ORANGE_DEVICE_TOKEN config vars
Today at 9:58 PM · v3bryanhonof@gmail.com: Enable Logplex
Today at 9:58 PM · v2bryanhonof@gmail.com: Initial release
Today at 9:58 PM · v1

Database naam
Database: **heroku_vsrplds8**

Delete database

To connect using the mongo shell:

```
% mongo ds243931.mlab.com:43931/heroku_vsrplds8 -u <dbuser> -p <dbpassword>
```

To connect using a driver via the standard MongoDB URI ([what's this?](#)):

```
mongodb://<dbuser>:<dbpassword>@ds243931.mlab.com:43931/heroku_vsrplds8
```

mongod version: 3.6.6 (MMAPv1)

Host address

Host poort

⚠ Sandbox databases do not have redundancy and therefore [are not suitable for production](#). Read our documentation on [how to upgrade](#).

Collections

Users

Stats

Backups

Tools

Collections

Delete all collections

+ Add collection


NAME	DOCUMENTS	CAPPED?	SIZE 
nodered	1	false	23.97 KB

System Collections

NAME	DOCUMENTS	SIZE
system.indexes	1	0.11 KB

[Home](#)

Database: heroku_vsrplds8

 Delete database

To connect using the mongo shell:

```
% mongo ds243931.mlab.com:43931/heroku_vsrplds8 -u <dbuser> -p <dbpassword>
```

To connect using a driver via the standard MongoDB URI ([what's this?](#)):

```
mongodb://<dbuser>:<dbpassword>@ds243931.mlab.com:43931/heroku_vsrplds8
```

mongod version: 3.6.6 (MMAPv1)

Sandbox databases do not have redundancy and therefore [are not suitable for production](#). Read our documentation on [how to upgrade](#).

Collections


Users

Stats

Backups

Tools

Database Users

 Add database user

NAME	READ ONLY?
heroku_vsrplds8	false



help

[Home](#)

Database: heroku_vsrpids8

 Delete database

To connect using the mongo shell:

```
% mongo ds243931.mlab.com:43931/heroku_vsrpids8 -u <dbuser> -p <dbpassword>
```

To connect using a driver via the standard MongoDB URI ([what's this?](#)):

```
mongodb://<dbuser>:<dbpassword>@ds243931.mlab.com:43931/heroku_vsrpids8
```

Sandbox databases do not have redundancy and therefore [are not suitable for production](#). Read our docs for more details.

Collections

Users

Stats

Database Users

NAME	READ ONLY
heroku_vsrpids8	false

Add new database user



Database username*

nodered

Database password*

.....

Confirm password*

.....

☐ Make read-only

CANCEL

CREATE

help

filter nodes

ui app

db app

subflows

Reset Database

input

inject

catch

status

link

mqtt

http

websocket

output

debug

link

mqtt

http response

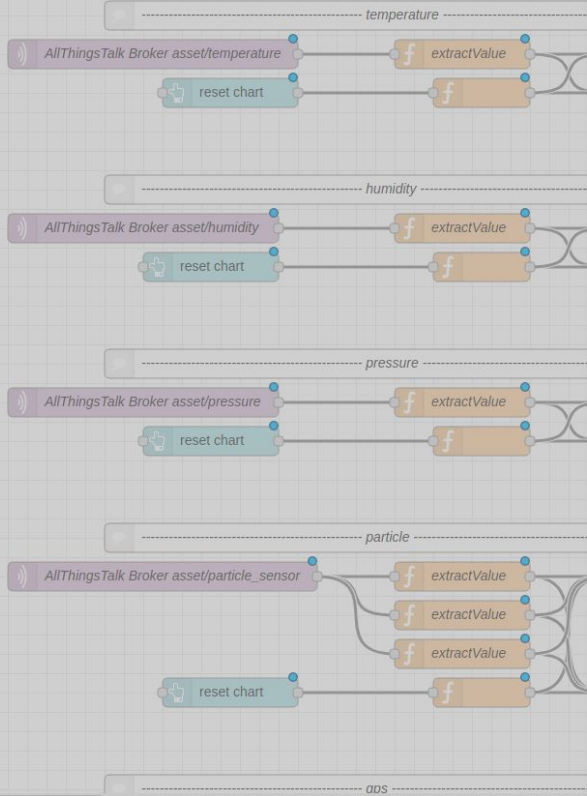
websocket

function

function

template

delay



Edit mongodb node

Delete

Cancel

Update

Properties

Host ds243931.mlab.com Port 4393

Database heroku_vsrplds8

Username nodered

Password

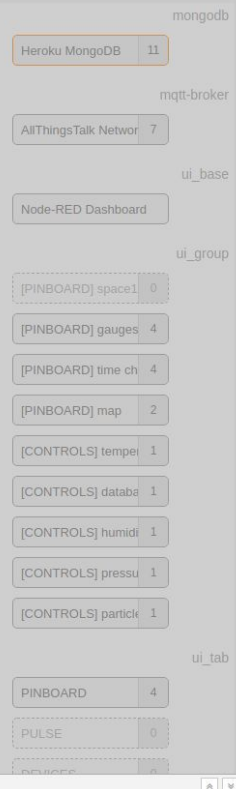
Name Heroku MongoDB

config

i  

all unused

On all flows



11 nodes use this config

On all flows

Configureren van MQTT broker

AllThingsTalk MQTT Broker configuratie

Volgende dingen zijn nodig om de broker te configureren:

- AllThingsTalk device ID

(zie vorig deel voor volledige configuratie.)

filter nodes

ui app

db app

subflows

Reset Database

input

inject

catch

status

link

mqtt

http

websocket

output

debug

link

mqtt

http response

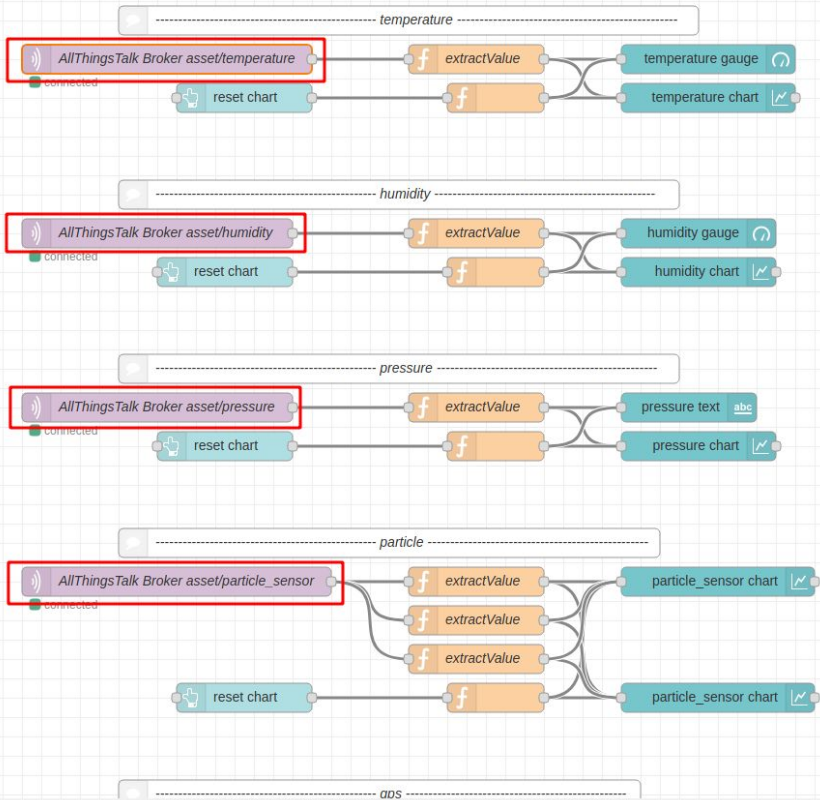
websocket

function

function

template

delay



config

i 查 1.1

all unused

On all flows

mongodb

Heroku MongoDB 11

mqtt-broker

AllThingsTalk Network 7

ui_base

Node-RED Dashboard

ui_group

[PINBOARD] space1 0

[PINBOARD] gauges 4

[PINBOARD] time ch 4

[PINBOARD] map 2

[CONTROLS] temper 1

[CONTROLS] databa 1

[CONTROLS] humidi 1

[CONTROLS] pressu 1

[CONTROLS] particl 1

ui_tab

PINBOARD 4

PULSE 0

PULSE 0

PXL-Tech Air Quality

filter nodes

ui app

db app

subflows

Reset Database

input

inject

catch

status

link

mqtt

http

websocket

output

debug

link

mqtt

http response

websocket

function

function

template

delay

temperature

AllThingsTalk Broker asset/temperature

extractValue

reset chart

humidity

AllThingsTalk Broker asset/humidity

extractValue

reset chart

pressure

AllThingsTalk Broker asset/pressure

extractValue

reset chart

particle

AllThingsTalk Broker asset/particle_sensor

extractValue

extractValue

extractValue

reset chart

qds

Edit mqtt in node

Delete

Cancel

Done

Properties

ServerAllThingsTalk Network

TopicdeviceNJKCG0bUaCETyBFUj1eEqYgNasset/ter

QoS2

Outputa parsed JSON object

NameAllThingsTalk Broker asset/temperature

config

all

unused

On all flows

mongodb

Heroku MongoDB11

mqtt-broker

AllThingsTalk Network7

ui_base

Node-RED Dashboard

ui_group

[PINBOARD] space10

[PINBOARD] gauges4

[PINBOARD] time ch4

[PINBOARD] map2

[CONTROLS] temper1

[CONTROLS] databa1

[CONTROLS] humidi1

[CONTROLS] pressu1

[CONTROLS] particl1

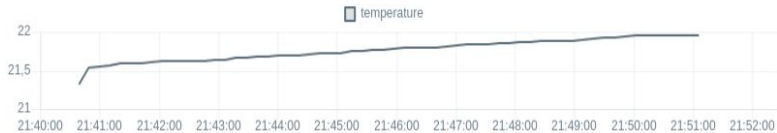
Flameshot Info

Capture saved as /home/bryan/Downloads/tutorial/2019-04-29_22-10.png

temperature



temperature



humidity



humidity

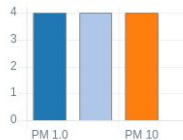


pressure
1020.41 hPa

pressure



particle sensor



particle sensor

