

Documentation Netweather App

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Functions:

With the NETWEATHER app for the APPMODULE it is possible to provide data from your Netatmo weather station to your KNX system. The current measured values of your Netatmo station are loaded every 3 minutes from the Netatmo server.

SUPPORTED DEVICES:

Device	Measured values
inside station	temperature, humidity, air pressure, CO2, noise
outside sensor	temperature, humidity
inside sensor	temperature, humidity, CO2
rain sensor	rain
wind sensor	wind speed, wind direction

Requirements:

- APPMODULE
- Netatmo weather station (at least one main station).
- Netatmo account

APP installation:

Please read the instructions of the APPMODULE for informations how to install the NETWEATHER APP on your APPMODULE.

Sensor installation:

1. Create a new instance (Fig. 1.1).

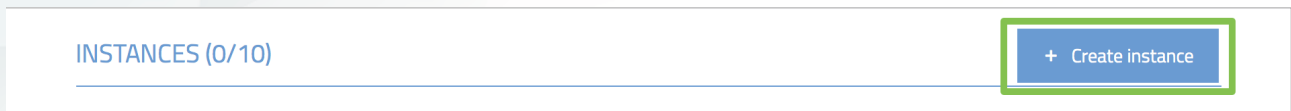


Fig.1.1

2. Enter name and description for the instance (Fig. 1.2).

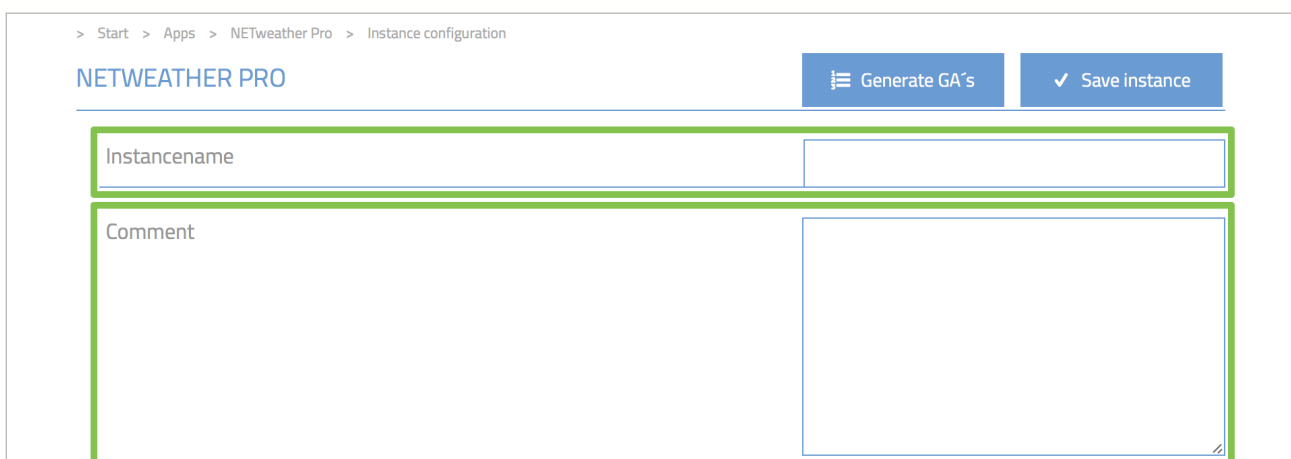
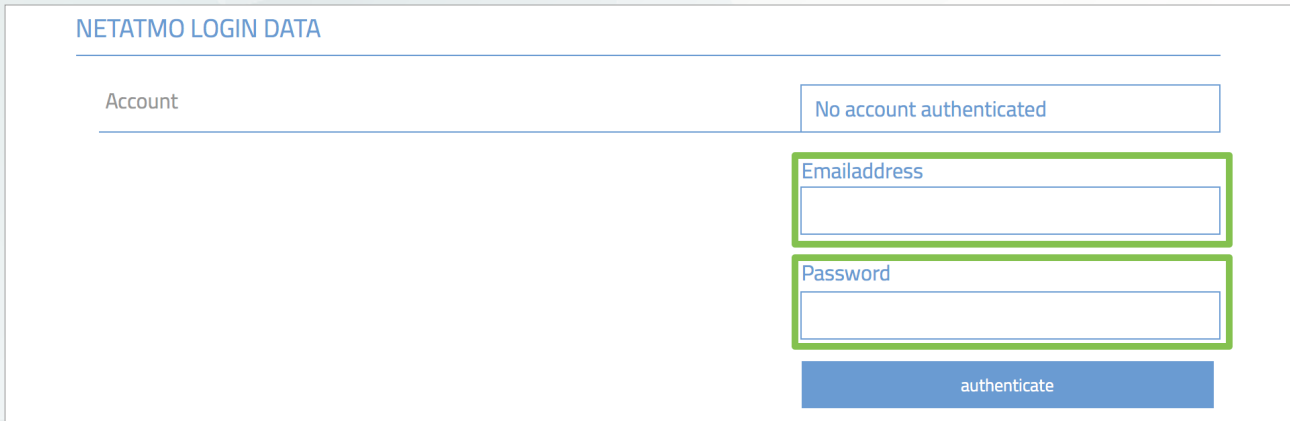


Fig.1.2

3. If this is your first instance, there is no Netatmo account yet. Then you have to enter the email address and password of your Netatmo account into the fields provided for this purpose and authenticate the account (Fig. 1.3).

You authenticate your account with the "authenticate" button.

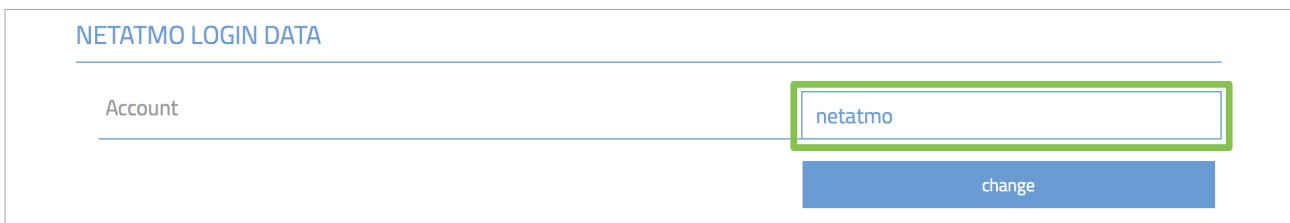


The screenshot shows a web form titled "NETATMO LOGIN DATA". On the left, there is a label "Account" with a horizontal line below it. To the right of this line is a text box containing the text "No account authenticated". Below this text box are two more text boxes: "Emailaddress" and "Password", both of which are highlighted with a green border. At the bottom right of the form is a blue button labeled "authenticate".

Fig.1.3

INFO:

If your Netatmo account is already authenticated, it ´s automatically stored and you don´t need to enter the access data again (Fig. 1.4).



The screenshot shows the same "NETATMO LOGIN DATA" form. The "Account" label is on the left. The text box to its right now contains the text "netatmo" and is highlighted with a green border. Below this text box is a blue button labeled "change".

Fig.1.4

On „my.netatmo.com“ you will see "Appmodule" under third party app.(Fig. 1.5)

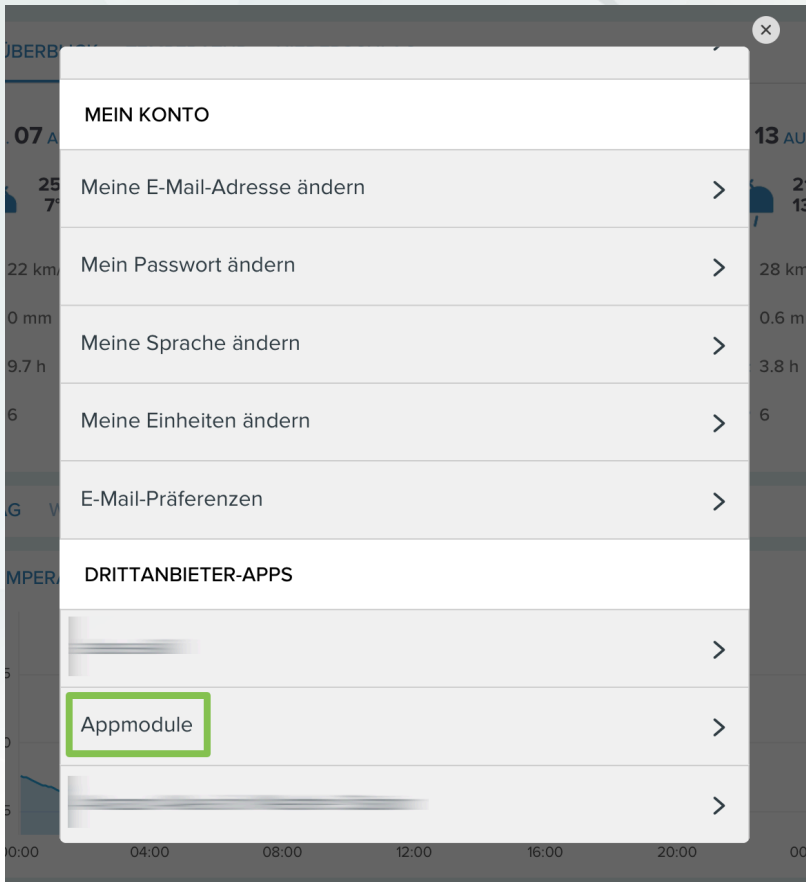


Fig.1.5

4. Select the sensor from the list which you want to query with this instance (Fig. 1.6).

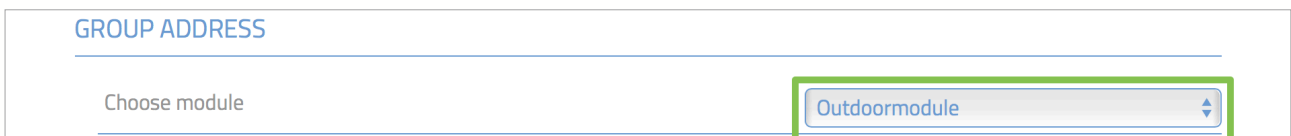


Fig.1.6

INFO:

After authenticating your Netatmo account, the available sensors are automatically loaded and displayed in the selection list (Fig. 1.6).

5. Enter the group addresses for the measured values (Fig. 1.7).

Group address - temperature (EIS 5)	1/1/2
Group address - humidity (EIS 5)	1/1/3
Group address - pressure (EIS 5)	1/1/4
Group address - CO2 (EIS 5)	1/1/5
Group address - noise (EIS 6)	1/1/6

INFO:

The display of the group addresses may vary, depending on which sensor you have selected. Only the available measured value group addresses for the selected sensor are displayed.

Available group addresses:

Group address	EIS
temperature	EIS5
humidity	EIS5
air pressure	EIS5
noise	EIS6
CO2	EIS5
wind speed	EIS6
wind direction	EIS5
rain	EIS5

Authentication status:

The authentication status can be checked via the link (Fig. 2.2) in the detail view of the instance (Fig. 2.1).

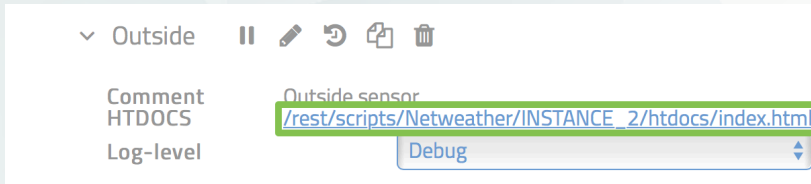


Fig.2.1

Authentifizierungs-Status:

authentifiziert

Fig.2.2

INFO:

If the APPMODULE is turned off for an extended period of time, the account may need to be re-authenticated. To do so, you have to enter your access data into the displayed input fields and re-authenticate the account (Fig. 2.3).

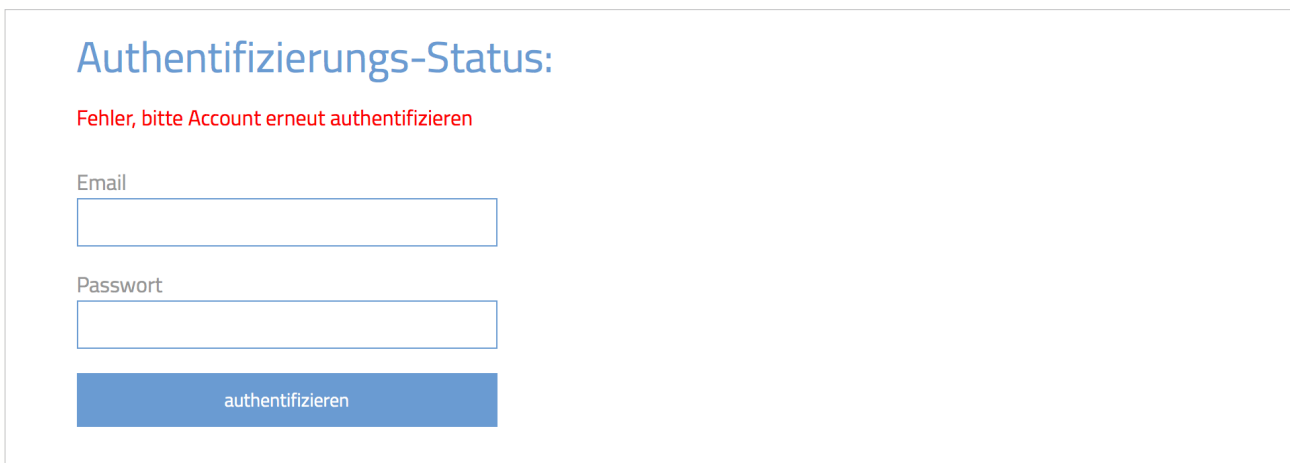
A screenshot of a web interface showing the authentication status as 'Fehler, bitte Account erneut authentifizieren'. Below this, there are two input fields: 'Email' and 'Passwort'. At the bottom, there is a blue button labeled 'authentifizieren'.

Fig.2.3