

# Status rules for texts

**Requirement:** AIO CREATOR NEO version 2.8.0 or higher

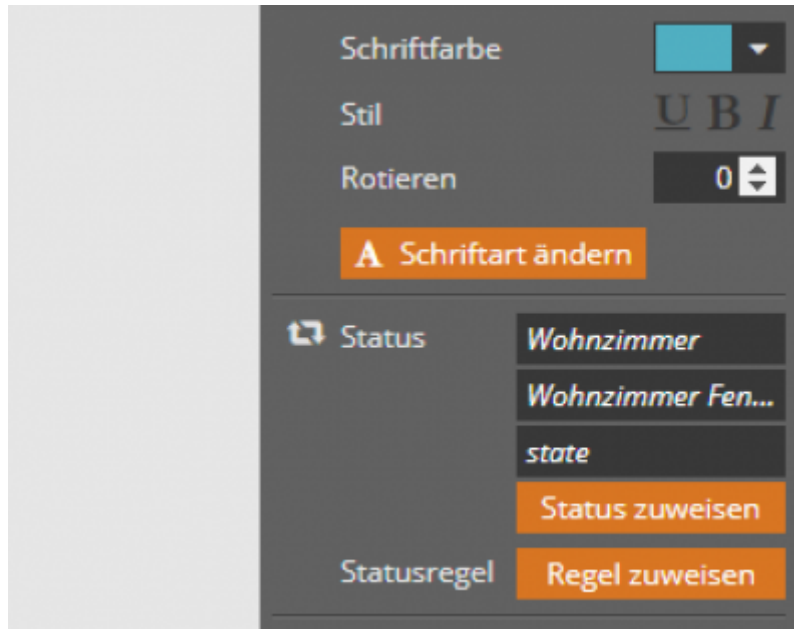
With status rules, you can define for devices that have status feedback, which text is displayed with which status status or to which design the corresponding text should change for certain statuses.

## First: What do you need status rules for?

If a device status is assigned to a text field, the **status is displayed exactly as it was programmed for the device**, e.g. to visualize the color of an LED using a text field, it may be that "# 000088" is displayed for a dark blue LED color.

These very technical status messages are of course disturbing in the personal smart home remote control and, above all, can be incomprehensible. It is therefore possible to customize the text displayed using status rules. In addition to the wording, it is also possible to adapt the design of the text displayed.

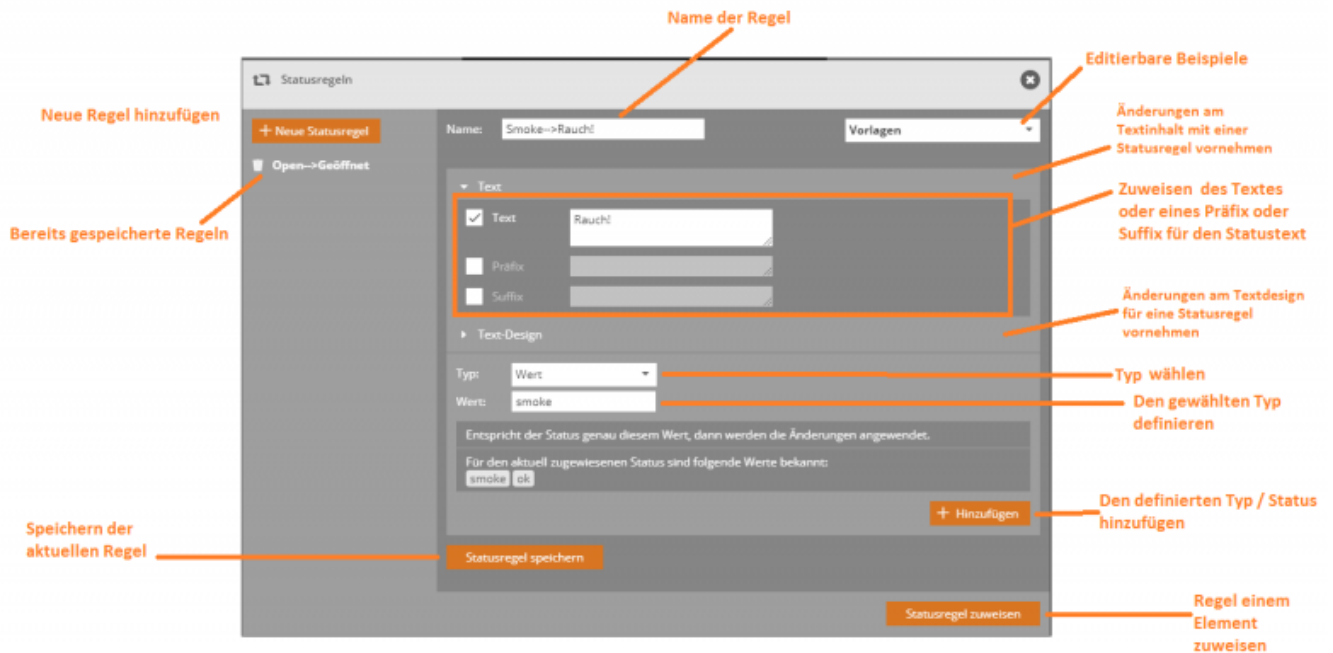
## Create a status rule for texts



To create a status rule for a text field, select the text field and click *Assign rule* on the right property bar.

## The status rule settings

The following image gives you a first overview of the functions. To create a new status rule, click on *New status rule* and enter a name for your rule.



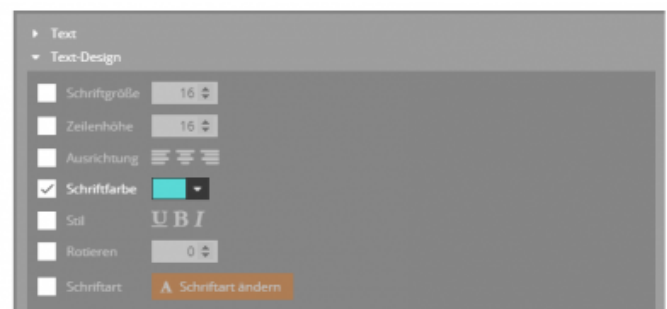
## Use a template or create the status rule by yourself

There are two ways to create a new status rule: - Create a rule from scratch. - Alternatively, you can use one of the sample templates or a rule that has already been saved, edit it and save it with a new name.

## Text content or text design: What should be displayed?



Textinhalt definieren



Textdesign definieren

First of all, you now have to determine how the change should look like, i.e. what should actually be displayed. With status rules for texts, you can define changes to the text content as well as changes to the text design. You can fold out the options for *text content* or *text design*.

Under *Text* you can specify a prefix or suffix in addition to the actual text content, which is then also displayed before or after the actual status. Under *Text design* you can specify the look of the text in more detail.

Text content and text design can be defined individually or together in a status rule. That is, When changing the value of a LED to “blue”, you can display both “blue” and at the same time have the text color or font changed.

## Excursus: The principle of text-state pair

Each rule consists of any number of “text-state pairs”. A text-state pair defines which text is displayed in which state (or which text design). A new text-status pair can be added to the status rule using the + *Add* button when text and status have been entered in the edit fields.

### An example

The following image shows the “Smoke detector” template with two pairs of text statuses as an example. With the message *okay kein Rauch* is output and with the message *smoke Rauch!* is displayed.

The screenshot shows the 'Statusregeln' (Status Rules) configuration window. On the left, there is a sidebar with a '+ Neue Statusregel' button and a list item 'Open->Geöffnet'. The main area is titled 'Rauchmelder' and includes a 'Vorlagen' dropdown. It contains two text-state pairs:

- Wert:  Änderungen: "Rauch!"
- Wert:  Änderungen: "Kein Rauch"

Below these, there are expandable sections for 'Text' and 'Text-Design'. The 'Typ' is set to 'Wert' and the 'Wert' field is empty. A note states: 'Entspricht der Status genau diesem Wert, dann werden die Änderungen angewendet.' Below this, it says 'Für den aktuell zugewiesenen Status sind folgende Werte bekannt:' followed by a list of values: 'smoke' and 'ok'. At the bottom right, there is a '+ Hinzufügen' button. At the bottom left, there is a 'Statusregel speichern' button. At the bottom right, there is a 'Statusregel zuweisen' button.

### Define the status rule: For which status?

After you have named your status rule and defined how the change should look via *Text* or *Textdesign*, you must now define for which status these settings should be displayed. To do this, first determine the status type for which you want to display the text and specify it by specifying the specific status value or the exact status interval. The following types are available:

#### 1. Value

The screenshot shows a configuration window for a status rule. At the top, there is a dropdown menu labeled 'Typ:' with 'Wert' selected. Below it is a text input field labeled 'Wert:' containing the text 'smoke'. A descriptive text box states: 'Entspricht der Status genau diesem Wert, dann werden die Änderungen angewendet.' Below this, another text box says: 'Für den aktuell zugewiesenen Status sind folgende Werte bekannt:' followed by two buttons labeled 'smoke' and 'ok'.

As a value you can enter a number or a character string (eg "on", "true", "open" etc.) that must correspond to the status designations reported by the device. If the status corresponds exactly to this value, the assigned text is displayed. The status for the selected device is displayed under the field for entering the status value, so that you know which status you can enter here.

## 2. Interval

The screenshot shows a configuration window for a status rule. At the top, there is a dropdown menu labeled 'Typ:' with 'Intervall' selected. Below it are two input fields: 'Intervall: von' with the value '-50' and 'bis' with the value '<15'. A descriptive text box states: 'Liegt der Status innerhalb dieses Zahlenintervalls, dann werden die Änderungen angewendet.' Below this, another text box says: 'Für den aktuell zugewiesenen Status ist folgender Wertebereich bekannt:' followed by two buttons labeled '-50' and '50'.

To define the interval, you can enter numerical values for the lower limit and the upper limit. If the status reported by the device lies within this interval, the assigned text is displayed. Under the field for entering the status value, the status areas known for the selected device are displayed to make it easier for you to select a suitable interval.

## 3. Set

The screenshot shows a configuration window for a status rule. At the top, there is a dropdown menu labeled 'Typ:' with 'Menge' selected. Below it is a text input field labeled 'Menge:' containing the text 'ok', followed by an orange '+' button. Below the input field, there is a button labeled 'smoke' with a red 'X' icon. A descriptive text box states: 'Entspricht der Status einem dieser Werte, dann werden die Änderungen angewendet.' Below this, another text box says: 'Für den aktuell zugewiesenen Status sind folgende Werte bekannt:' followed by two buttons labeled 'smoke' and 'ok'.

You can define any number of values (see point 1) as a (status) quantity, which are linked with each other via an "or" condition. This means: The assigned text is displayed when the reported device status corresponds to one of the values defined in the set. This can be particularly useful if the same status text is to be used for different devices that report different status values. The status for the selected device is displayed under the field for entering the status value, so that you know which status you can enter here.

## An example

The screenshot shows the 'Statusregeln' (Status Rules) configuration window. The rule is named 'Temperatur-Textfarbe'. It lists four status intervals with corresponding text color changes:

Intervall	Änderungen: Schriftfarbe
-50 <15	Blue
15 <23	Yellow
23 <28	Orange
28 50	Red

Below the intervals, there is a section for 'Text' and 'Text-Design'. The 'Typ' is set to 'Wert' (Value) and the 'Wert' is set to 'Wert'. A note states: 'Entspricht der Status genau diesem Wert, dann werden die Änderungen angewendet.' (Matches the status exactly to this value, then the changes are applied). Below this, it says: 'Für den aktuell zugewiesenen Status ist folgender Wertebereich bekannt: -50 bis 50' (For the currently assigned status, the following value range is known: -50 to 50). There are buttons for '+ Hinzufügen' (Add), 'Statusregel speichern' (Save status rule), and 'Statusregel zuweisen' (Assign status rule).

Here the text color should change depending on the temperature of a thermostat. Accordingly, four *status intervals* were selected and these were given the specific range of numbers and different text colors.

### Add text-state pair

The screenshot shows the 'Statusregeln' (Status Rules) configuration window for a rule named 'Open->Geöffnet'. The 'Vorlagen' (Templates) dropdown is set to 'Vorlagen'. Under the 'Text' section, the 'Text' checkbox is checked, and the text is 'Geöffnet'. The 'Präfix' and 'Suffix' checkboxes are unchecked. Under the 'Text-Design' section, the 'Typ' is set to 'Wert' (Value) and the 'Wert' is set to 'open'. A note states: 'Entspricht der Status genau diesem Wert, dann werden die Änderungen angewendet.' (Matches the status exactly to this value, then the changes are applied). Below this, it says: 'Für den aktuell zugewiesenen Status sind folgende Werte bekannt: open closed' (For the currently assigned status, the following values are known: open closed). There are buttons for '+ Hinzufügen' (Add), 'Statusregel speichern' (Save status rule), and 'Statusregel zuweisen' (Assign status rule).

Once you have defined your text-status pair, add this to the status rule using the + *Add* button. If you have all the text-state pairs of your status rule together, click on *Save status rule*.

## Edit a status rule

You can edit already saved status rules or templates by first calling up the respective status rule in the status rule list or the template from the template list. Now all text-status pairs of this status rule are displayed. If you select one of the text-status pairs, this can be edited in the editing area. By clicking on *Apply* the changes are saved.

### Delete text-state pair

A text-state pair can be deleted using the trash can icon.

### delete status rule

A status rule can be deleted using the trash can icon in front of the status rule.

### Copy status rule

You can copy a status rule by selecting the status rule and saving it with a new name.

## Assign a status rule

To assign a status rule for a status display to a text field element, first select this element on the remote control page. Now open the text status rule management under Properties and select the desired status rule. By clicking *Assign Status rule* , then rule is assigned to the selected element.

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For further reading:

- [status rules for graphics](#)

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