

**CAN-Gateway software**  
by <https://shop.myhome-control.de>

**Configuration of ioBroker**  
**(in this example ioBroker 4.0.24 and CAN-Gateway**  
**SW version 29.330 used)**

# Preconditions

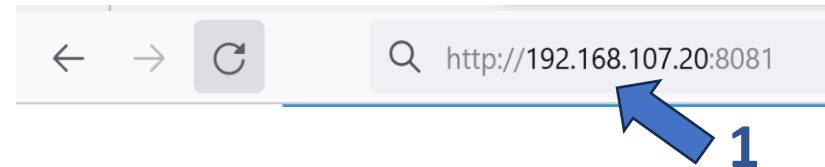
- CAN-Gateway Software (version  $\geq$  29.330) including parameters is configured (demo or full version)
- ioBroker is installed

# Summary

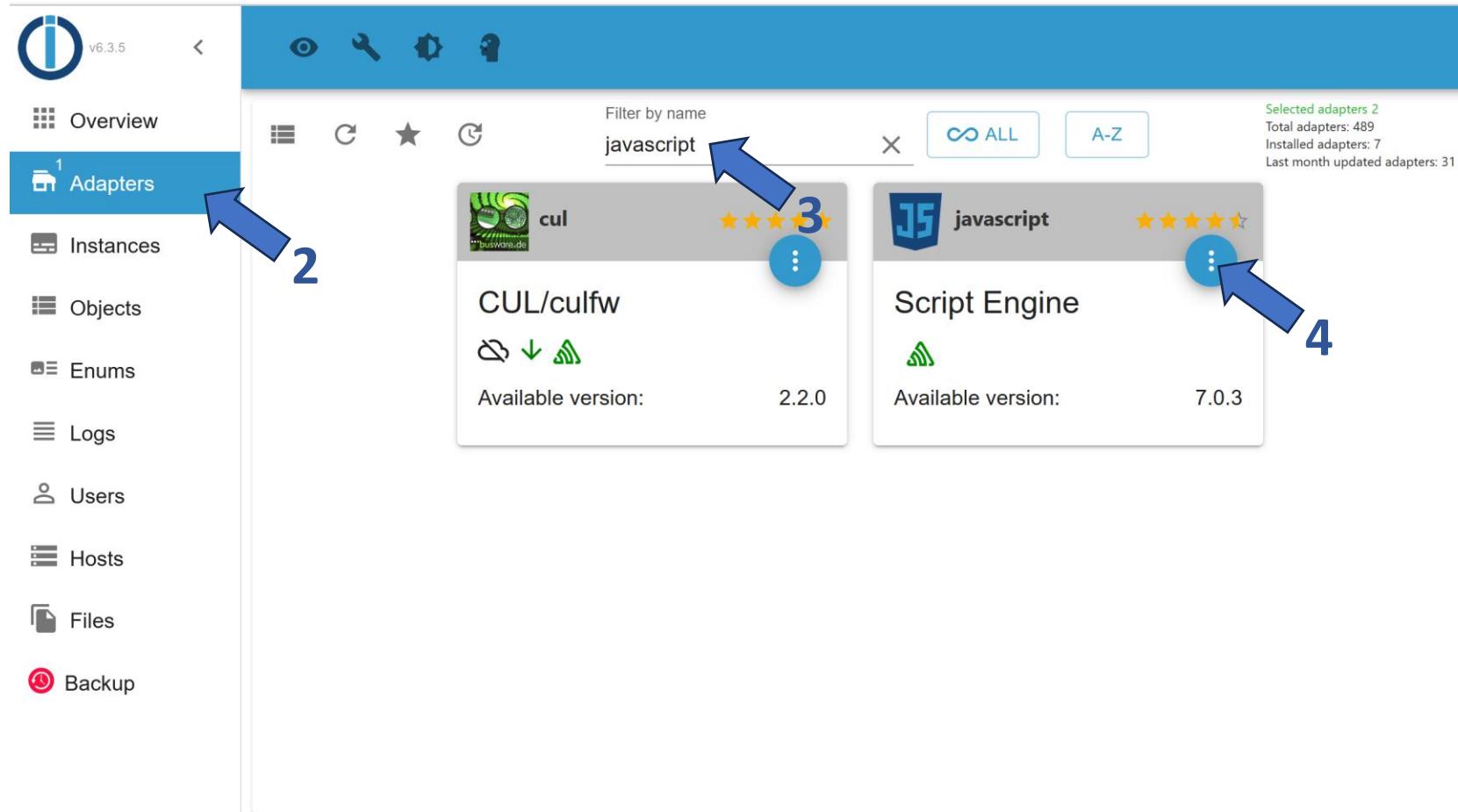
- 1) Installing of required Adapters (Steps 1-11)
  - JavaScript
  - VIS (Visualisation)
- 2) Generate JavaScript and import it into ioBroker (Steps 12-21)
- 3) Create VIS View (Steps 22-27)
- 4) Example: visualisation of a sensor as a number value (Steps 28-34)
- 5) Example: On/Off Switch as a control element with a label (Steps 35-40)
- 6) Example: Add textual sensor value (for lists) (Steps 41-45)
- 7) Example: Add Radiobuttons ValueList to control states (Steps 46-54)
- 8) Example Add Slider to control numeric set values (with label and additional number field) (Steps 55-68)
- 9) Close VIS edit mode and show results (Step 69)

## Installing of required Adapters

**Open your browser and go to ioBroker Admin (port: 8081, change IP address to the address of your ioBroker instance)**



## Installing of required Adapters



## Installing of required Adapters

The screenshot shows the ioBroker interface version v6.3.5. The left sidebar has a navigation menu with the following items:

- Overview
- 1 Adapters
- Instances
- Objects
- Enums
- Logs
- Users
- Hosts
- Files
- Backup

The main area is titled "Adapters" and shows a search bar with the text "javascript". Below the search bar, there are two adapter cards:

- CUL/culfw** by cul (busware.de) - Available version: 2.2.0
- Javascript/Blockly Script Engine for ioBroker**

A blue arrow points to a large blue "+" button located at the bottom right of the adapter card for the "Javascript/Blockly Script Engine for ioBroker". To the right of the "+" button is a large blue number "5".

On the top right of the main area, there is a summary of selected adapters:

- Selected adapters 2
- Total adapters: 489
- Installed adapters: 7
- Last month updated adapters: 31

## Installing of required Adapters

The screenshot shows the Adapter Management interface of a software application. The left sidebar menu includes: Overview, Adapters (selected), Instances, Objects, Enums, Logs, Users, Hosts, Files, Backup, and Scripts. The main area displays a list of adapters with the following details:

Adapter Name	Description	Available Version
icons-open-icon-library-png	Open icon library set as PNG	0.1.2
icons-fatcow-hosting	Open icon library set from FatCow Hosting	0.1.0
icons-ultimate-png	Ultimate icon set for visualisation as PNG	1.0.1
vis	Visualisation	1.4.16

A blue arrow labeled '6' points to the search bar at the top, which contains the text 'visualisation'. Another blue arrow labeled '7' points to the three-dot menu icon next to the 'vis' adapter entry.

## Installing of required Adapters

The screenshot shows the Openhab 6.3.5 interface with the sidebar menu open. The 'Adapters' option is selected, indicated by a blue background and a count of 1. The main area displays a search results page for 'visualisation'. The results show three adapter sets:

- icons-open-icon-library-png**: Open icon library set as PNG. Available version: 0.1.2.
- icons-fatcow-hosting**: Open icon library set from FatCow Hosting. Available version: 0.1.0.
- icons-ultimate-png**: Ultimate icon set for visualisation as PNG. Available version: 1.0.1.

A blue arrow points to the '+' button at the bottom left of the interface, which is used to add new adapters. A blue number '8' is overlaid near the bottom center of the screen, likely indicating the total number of installed adapters.

Selected adapters 10  
Total adapters: 489  
Installed adapters: 8  
Last month updated adapters: 31

Filter by name: visualisation

ALL A-Z

Icons

Overview

1 Adapters

Instances

Objects

Enums

Logs

Users

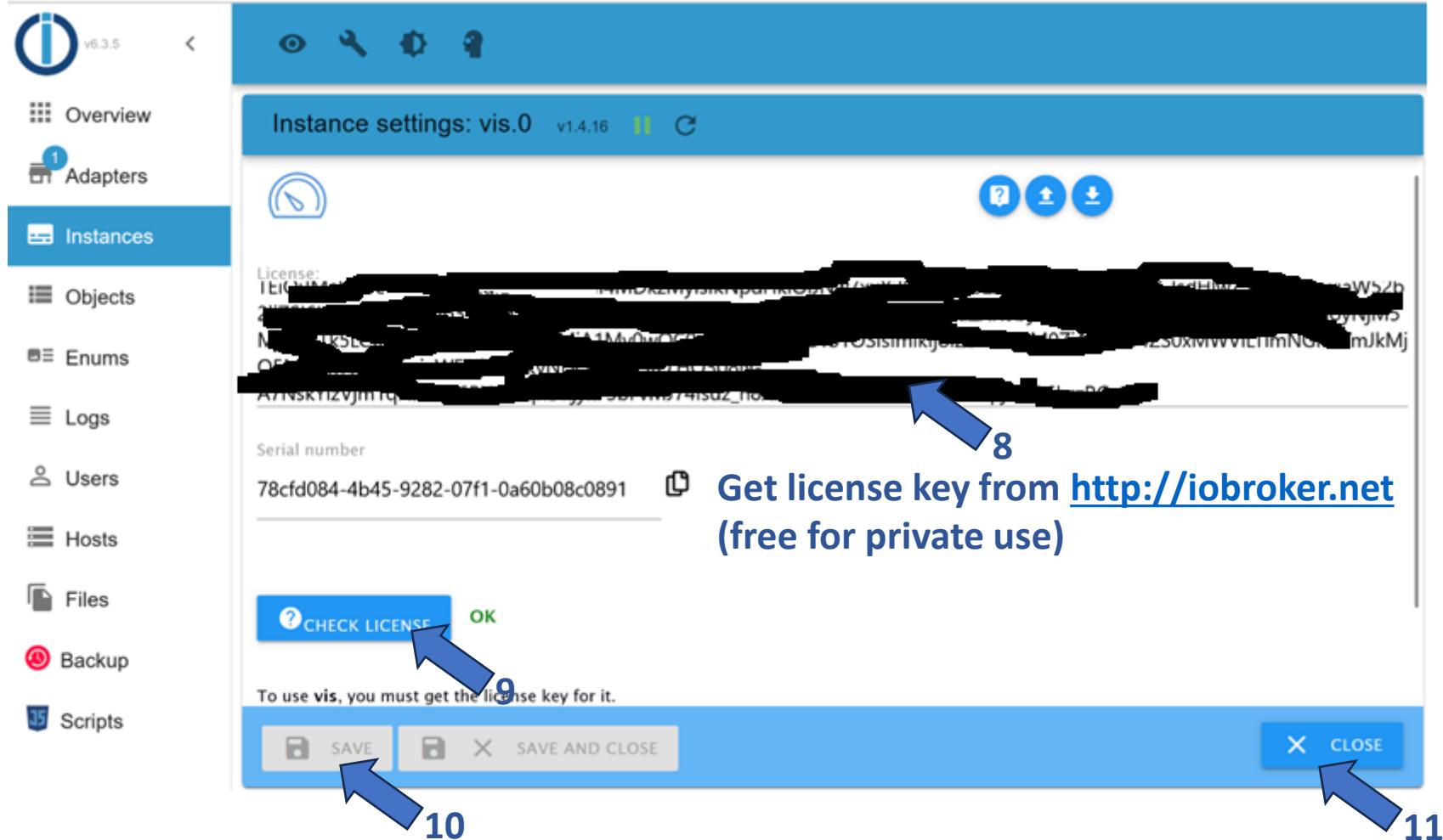
Hosts

Files

Backup

Scripts

# Installing of required Adapters



# Generate JavaScript and import it into ioBroker

## CAN Gateway

Language/Sprache: English ▾

Attention! Please read [there](#) the safety instructions.

[Settings](#)

[Parameter list](#)

[Generator for parameter configuration](#)

12

[Device list](#)

[CAN data logger](#)

[Parameter logger](#)

[State information](#)

[SD card info/state](#) (only hardware version > 5)

[Remote access via internet](#)

[KNX settings](#)

[KNX data logger](#)

[Info regarding Modbus TCP usage](#)

[Terms and conditions](#)

[Software update \(over-the-air\)](#)



# Generate JavaScript and import it into ioBroker

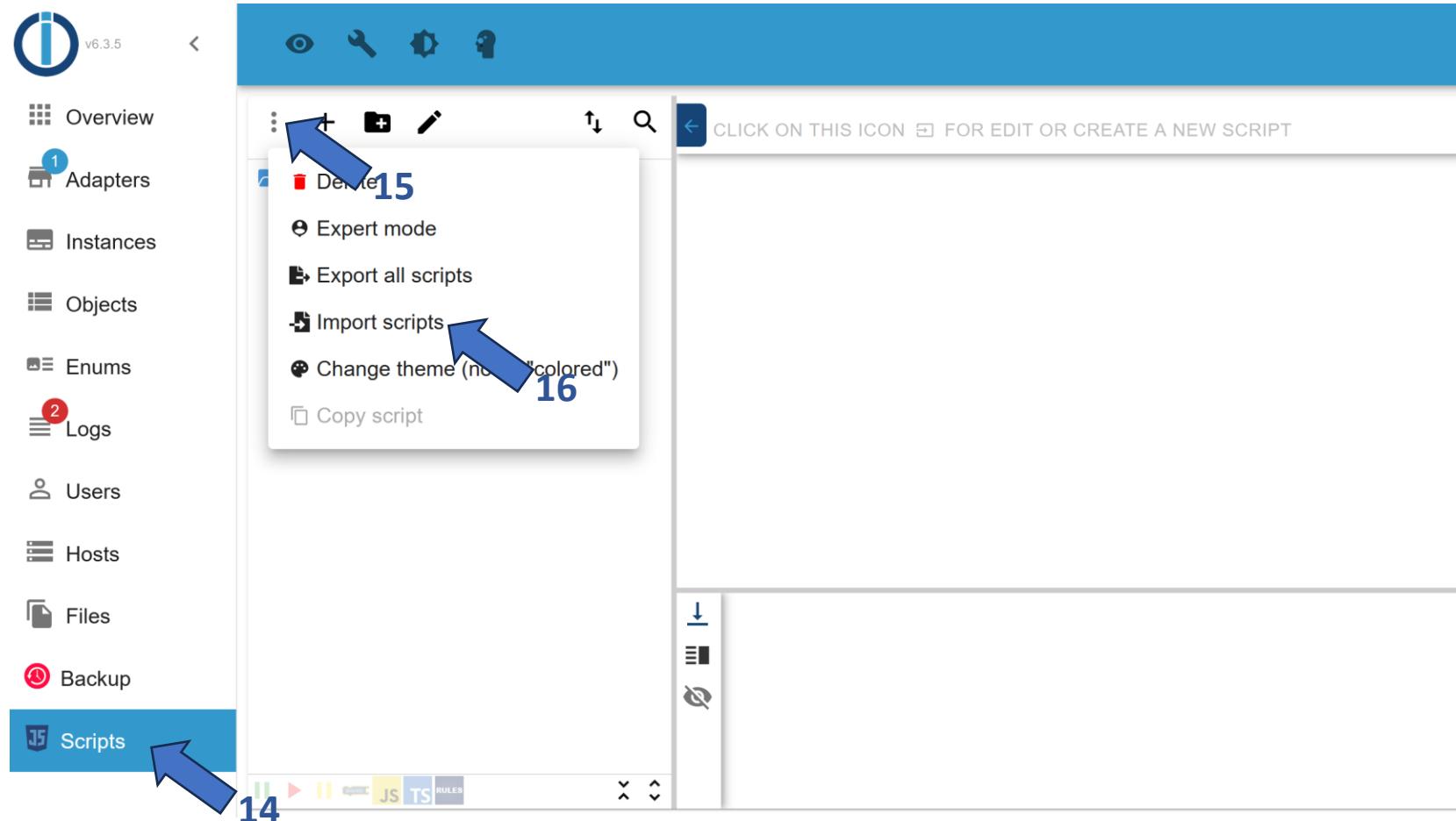
32	H P	i	n.a.				
33	H P	i	n.a.				
34	H P	i	n.a.				
35	H P	i	n.a.				
36	H P	i	n.a.				
37	H P	i	n.a.				
38	H P	i	n.a.				
39	H P	i	n.a.				
40	H P	i	n.a.				

Generate XML files for the integration into Loxone: [using ModBus TCP](#)

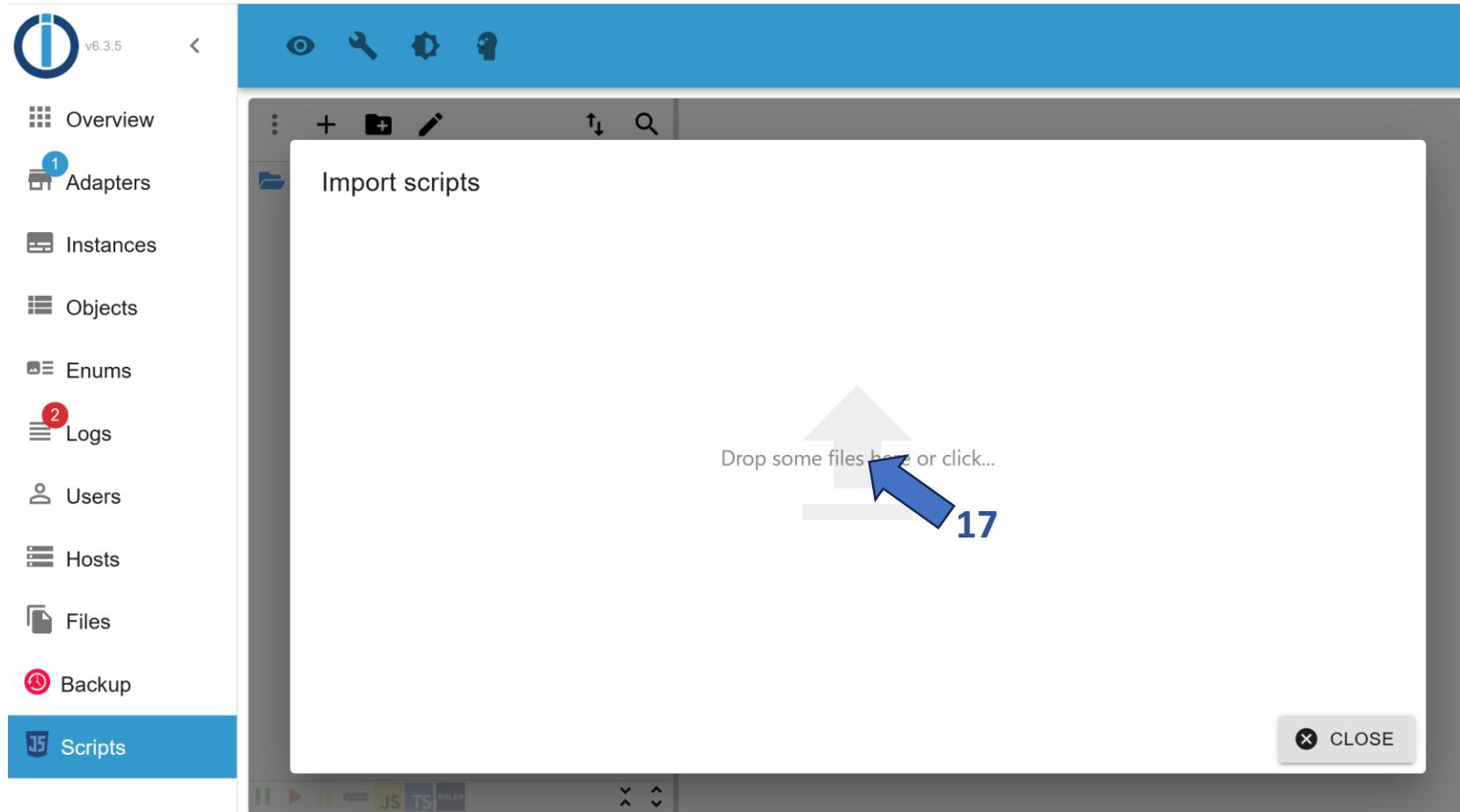
Or as an alternative: using virtual HTTP Inputs and using virtual HTTP Outputs

Integration in ioBroker: [generate JavaScript \(.zip File\)](#)

## Generate JavaScript and import it into ioBroker



## Generate JavaScript and import it into ioBroker

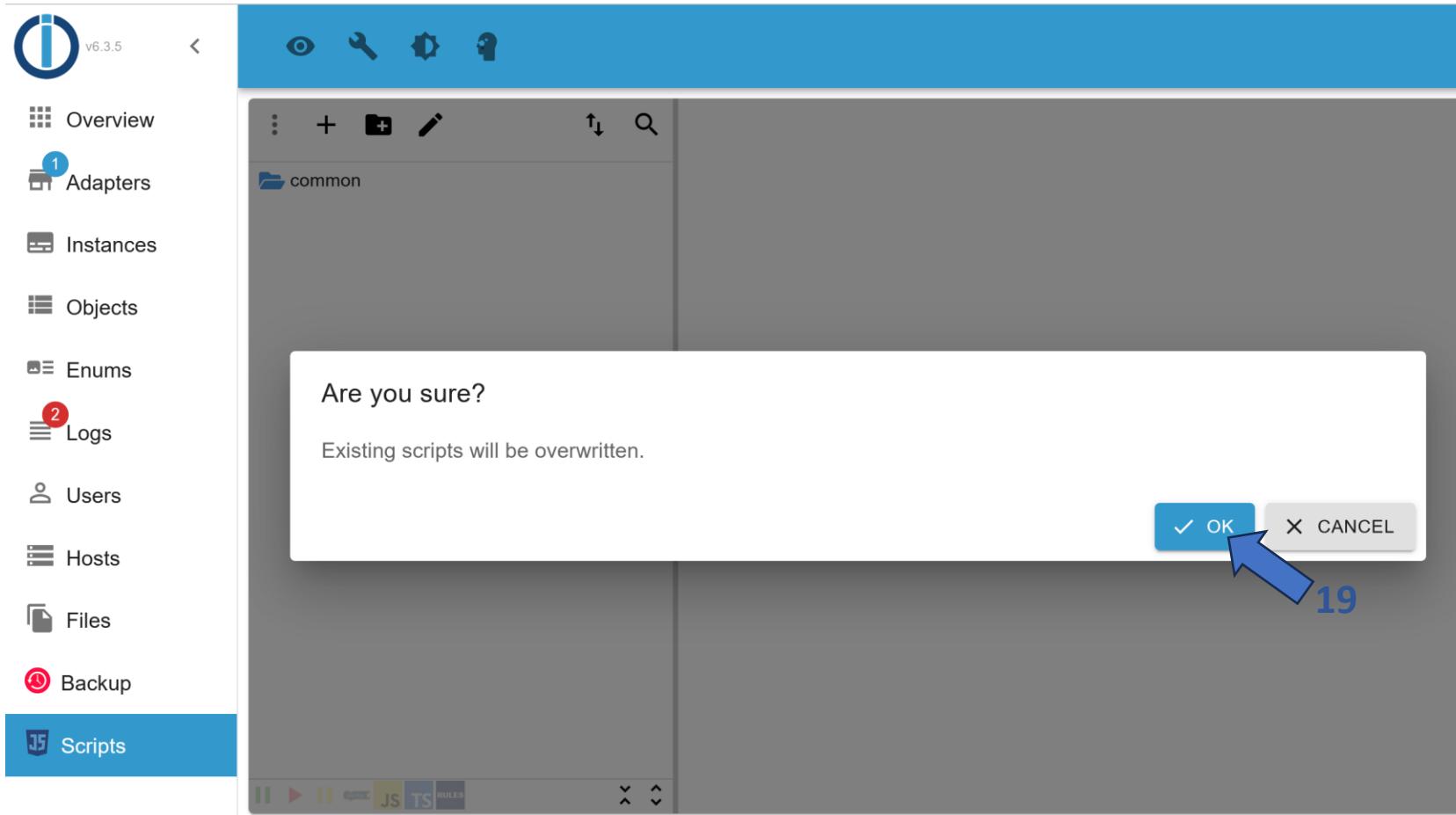


## Generate JavaScript and import it into ioBroker

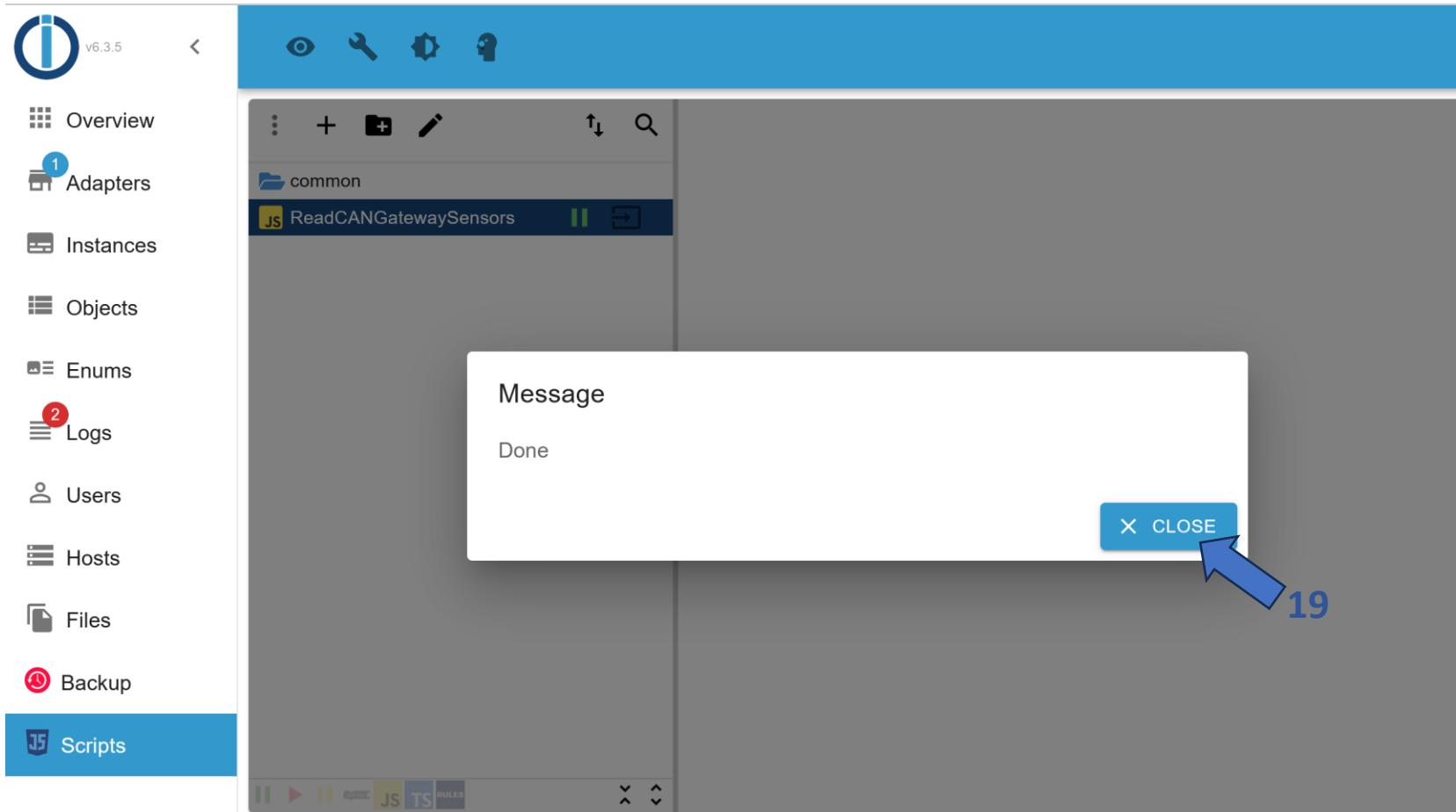
Name	Änderungsdatum	Typ	Größe
▼ Heute			
📁 ReadCANGatewaySensors.zip	20.08.2023 22:45	ZIP-komprimierter...	4 KB

18

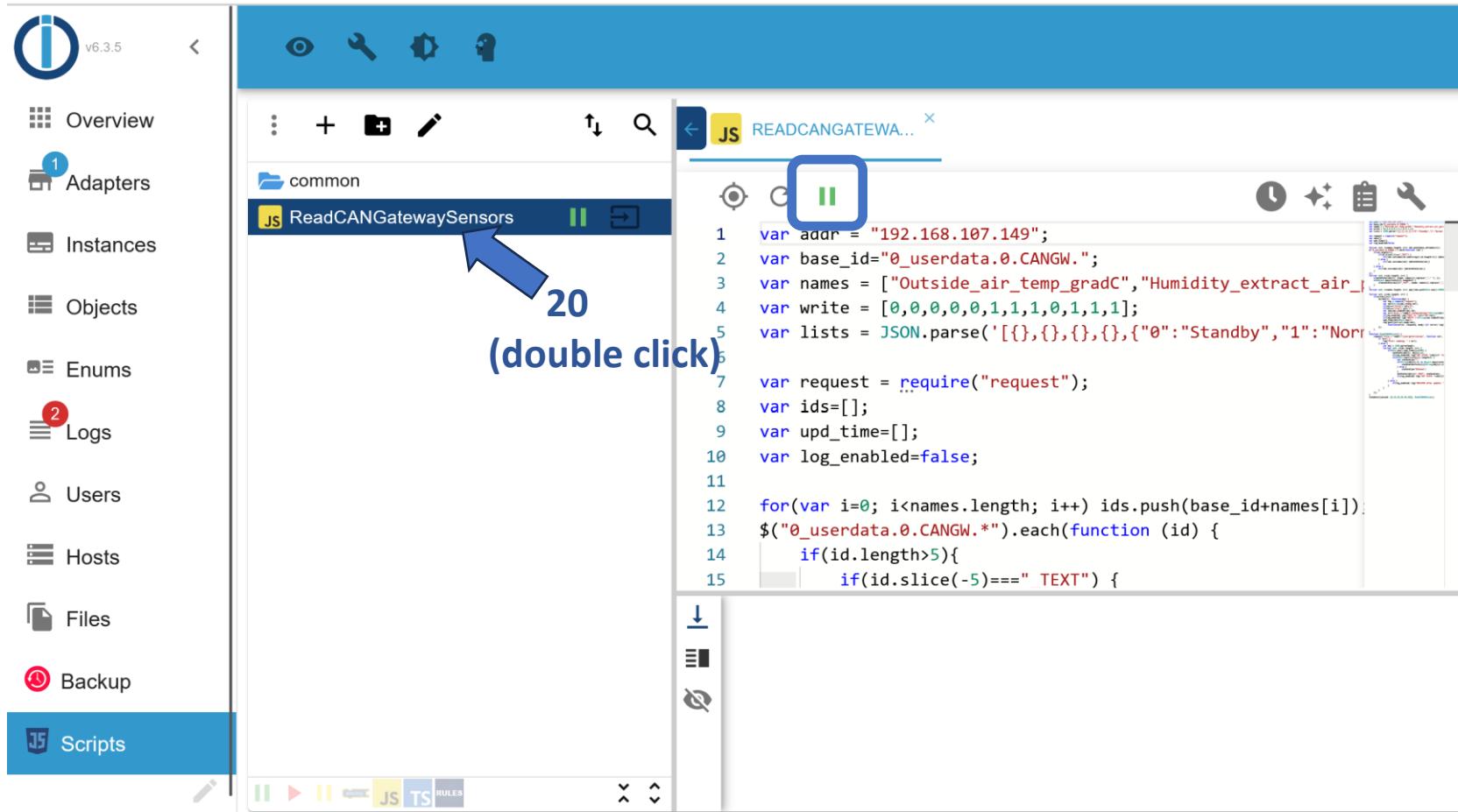
## Generate JavaScript and import it into ioBroker



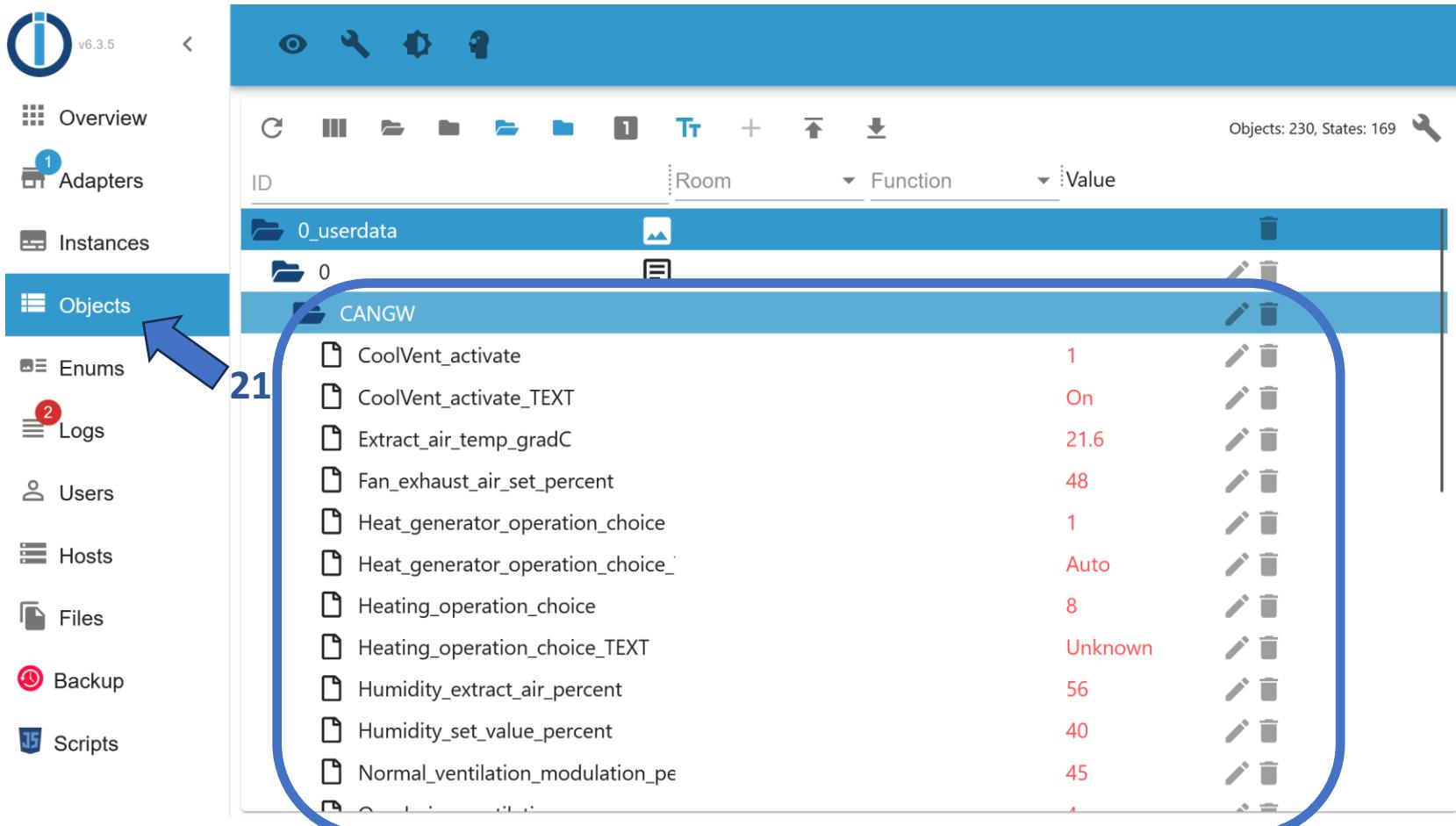
## Generate JavaScript and import it into ioBroker



## Generate JavaScript and import it into ioBroker



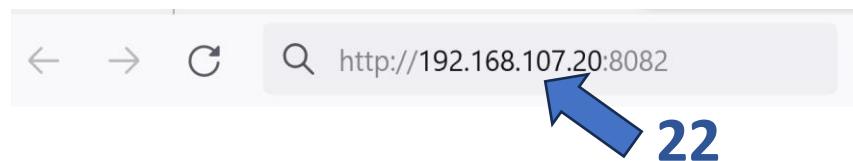
## Generate JavaScript and import it into ioBroker



The screenshot shows the ioBroker interface version 6.3.5. The left sidebar has a blue highlight over the 'Objects' item, which is selected. A blue arrow points from this highlight to the 'CANGW' object entry in the main list. The 'CANGW' entry is also highlighted with a blue rounded rectangle. The main list displays various objects with their IDs, room assignments, functions, and values. The 'Logs' item in the sidebar has a red circle with the number '21' next to it.

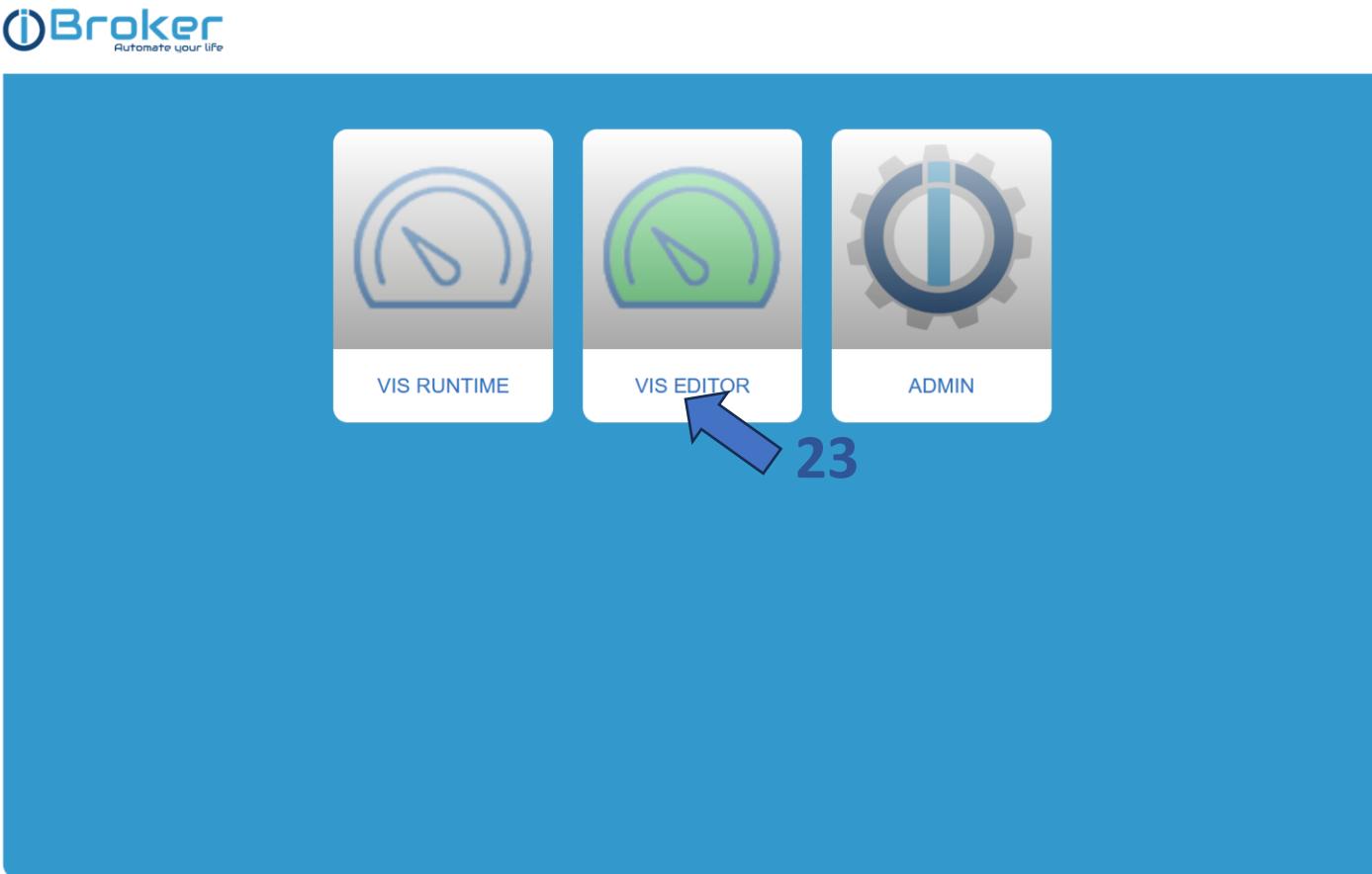
ID	Room	Function	Value	Actions
0_userdata				
0				
CANGW				
CoolVent_activate			1	
CoolVent_activate_TEXT			On	
Extract_air_temp_gradC			21.6	
Fan_exhaust_air_set_percent			48	
Heat_generator_operation_choice			1	
Heat_generator_operation_choice_TEXT			Auto	
Heating_operation_choice			8	
Heating_operation_choice_TEXT			Unknown	
Humidity_extract_air_percent			56	
Humidity_set_value_percent			40	
Normal_ventilation_modulation_percent			45	

**Open your browser and go to ioBroker VIS (port: 8082, change IP address to the address of your ioBroker instance)**



## Create VIS view

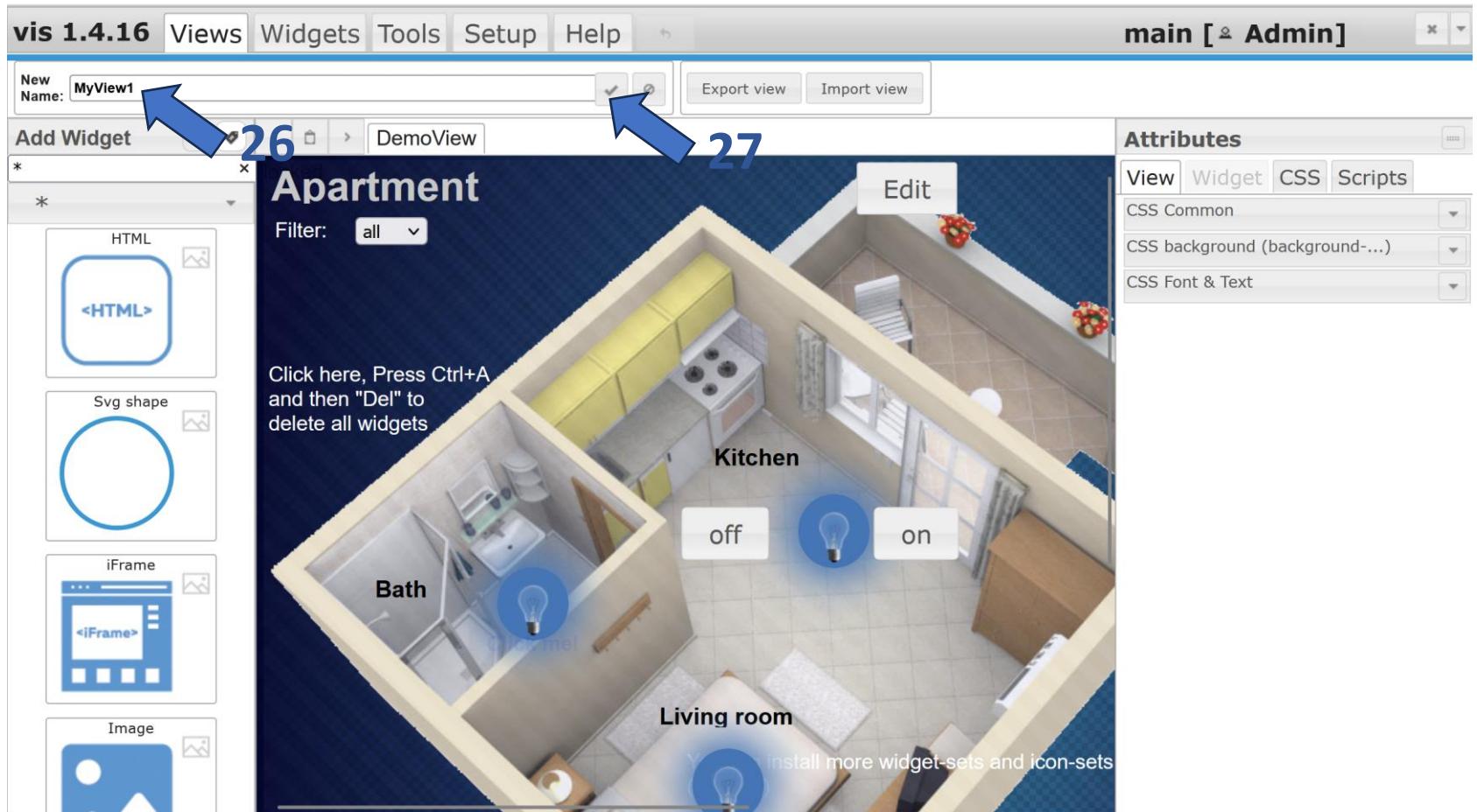
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## Create VIS view



## Create VIS view



## Example: visualisation of a sensor as a number value

The screenshot shows the vis 1.4.16 application window with the title bar "vis 1.4.16 Views Widgets Tools Setup Help main [ Admin ]". The "Active widget" dropdown shows "w00003 (basic - Number)". The "Align widgets" toolbar is visible. The "Add Widget" panel on the left lists "FILTER", "Number", "String", and "String (unesaped)" options. The "Number" option is selected, displaying a preview with "val" and "53, 27MB". The "Attributes" panel on the right shows the "General" tab selected, with "Object ID" set to "nothing\_selected". A large blue arrow labeled "28 (drop)" points from the "Number" preview area to the "Object ID" input field. Another blue arrow labeled "29" points from the "Object ID" field towards the "Extended settings" section.

Active widget: w00003 (basic - Number)

Align widgets:

Add Widget

Attributes

View w00003 CSS Scripts

General

Visibility

Common

Object ID: nothing\_selected

Prepend value:

Append to value (Singular):

Append to value (Plural):

Extended settings

CSS Common

CSS Font & Text

CSS background (background-...)

CSS Border (border-...)

CSS padding & shadow

Gestures

Notification icons

Show last change

28 (drop)

29

## Example: visualisation of a sensor as a number value

vis 1.4.16 Views Widgets Tools Setup Help main [ Admin ]

Select ID - nothing\_selected

ID	Name	Type	Role	Room	value
0_userdata.0					
CANGW					
CoolVent_activate	CoolVent activate	state	state		1
CoolVent_activate_TEXT	CoolVent activate (textual)	state	state		On
Extract_air_temp_gradC	Extract air_temp_gradC	state	state		21.6
Fan_exhaust_air_set_percent	Fan exhaust_air_set_percent	state	state		48
Heat_generator_operation_choice	Heat generator_operation_choice	state	state		1
Heat_generator_operation_choice_TEXT	Heat generator_operation_choice (textual)	state	state		Auto
Heating_operation_choice	Heating operation_choice	state	state		8
Heating_operation_choice_TEXT	Heating operation_choice (textual)	state	state		Unknown
Humidity_extract_air_percent	Humidity extract_air_percent	state	state		56
Humidity_set_value_percent	Humidity set_value_percent	state	state		40
Normal_ventilation_modulation_percent	Normal ventilation_modulation_percent	state	state		45
Op_choice_ventilation	Op choice_ventilation	state	state		4
Op_choice_ventilation_TEXT	Op choice_ventilation (textual)	state	state		Constant

30

31

Select Cancel

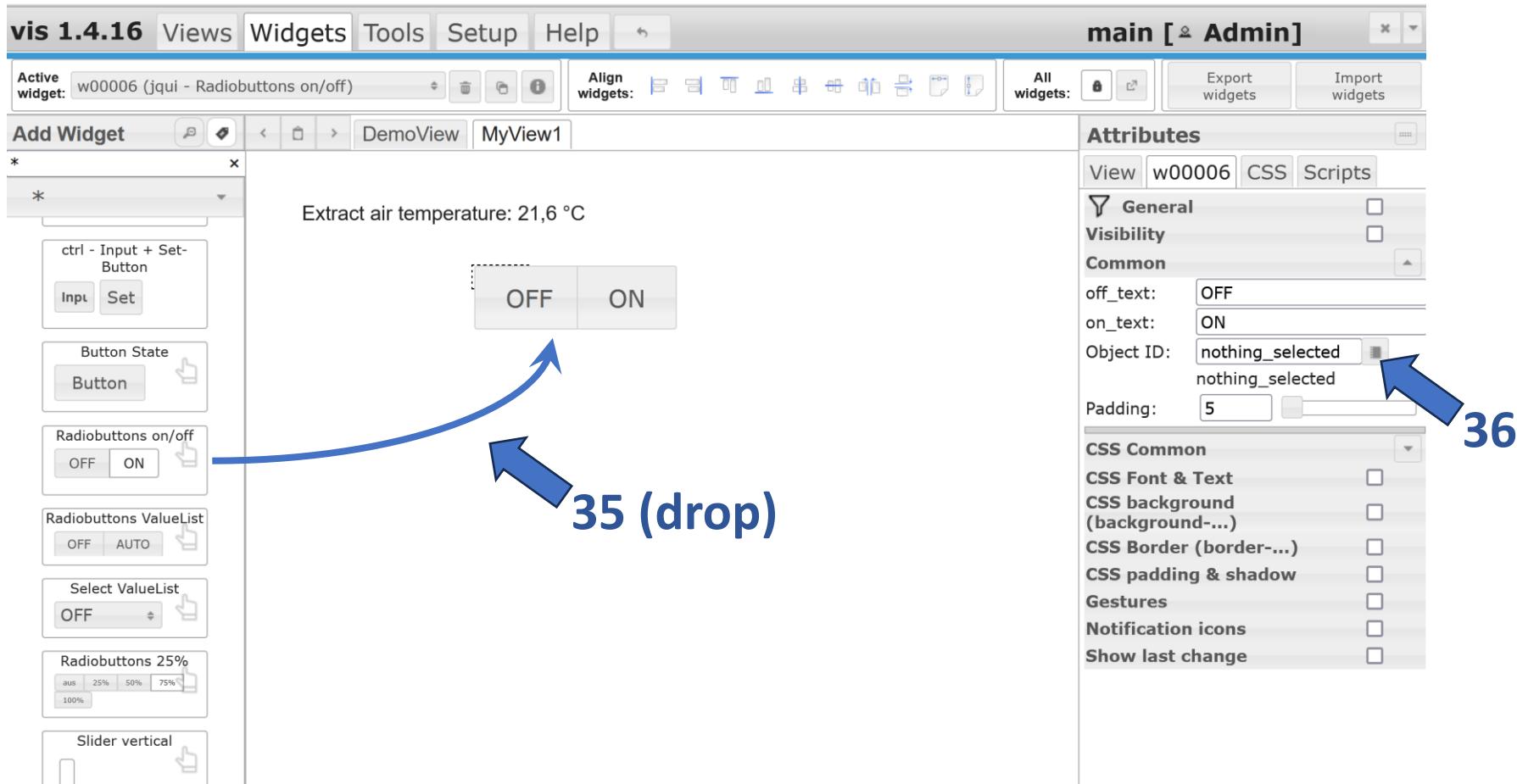
Show last change

## Example: visualisation of a sensor as a number value

The screenshot shows the vis 1.4.16 software interface with the following details:

- Top Bar:** Views, Widgets, Tools, Setup, Help.
- Active widget:** w00003 (basic - Number).
- Align widgets:** A toolbar with various alignment icons.
- All widgets:** Buttons for locking, unlocking, exporting, and importing widgets.
- Add Widget:** A dialog showing a list of available widgets:
  - FILTER**: A dropdown menu set to "all".
  - Number**: Shows "val" and "53, 27MB".
  - String**: Shows "val" and "TEXT".
  - String (unesaped)**: Shows "val" and "<div>".
- DemoView / MyView1**: View selection buttons.
- Attributes Panel:** Shows the configuration for view w00003.
  - General:** Object ID: 0\_userdata.0.CANC, Extract air\_temp\_gradC.
  - Prepend value:** Extract air temperature: (with a blue arrow labeled 32 pointing to it).
  - Append to value (Singular):** °C (with a blue arrow labeled 33 pointing to it).
  - Append to value (Plural):** °C (with a blue arrow labeled 34 pointing to it).
  - Extended settings:** A checked checkbox.
  - CSS Common:** Options for CSS styling.
  - Gestures:** Options for touch gestures.
  - Notification icons:** Options for notification icons.
  - Show last change:** A checked checkbox.

## Example: On/Off Switch as a control element with a label



## Example: On/Off Switch as a control element with a label

vis 1.4.16 Views Widgets Tools Setup Help main [ Admin ]

Select ID - CoolVent activate

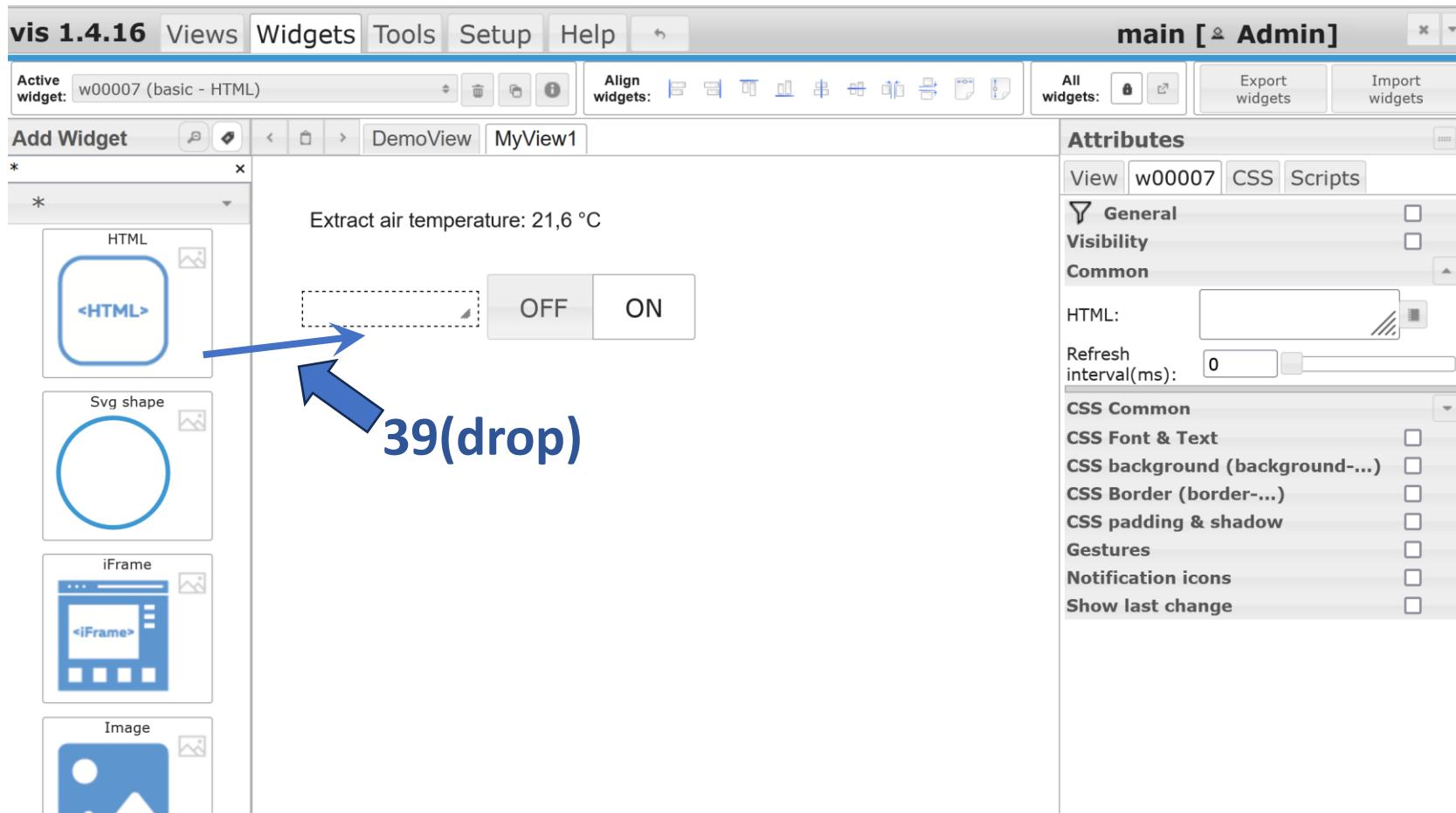
ID	Name	Type	Role	Room	value
0_userdata.0					
CANGW					
CoolVent_activate	CoolVent activate	state	state		1
CoolVent_activate_TEXT	CoolVent activate (textual)	state	state		On
Extract_air_temp_gradC	Extract air_temp_gradC	state	state		21.6
Fan_exhaust_air_set_percent	Fan exhaust_air_set_percent	state	state		48
Heat_generator_operation_choice	Heat generator_operation_choice	state	state		1
Heat_generator_operation_choice_TEXT	Heat generator_operation_choice (textual)	state	state		Auto
Heating_operation_choice	Heating operation_choice	state	state		8
Heating_operation_choice_TEXT	Heating operation_choice (textual)	state	state		Unknown
Humidity_extract_air_percent	Humidity extract_air_percent	state	state		56
Humidity_set_value_percent	Humidity set_value_percent	state	state		40
Normal_ventilation_modulation_percent	Normal ventilation_modulation_percent	state	state		45
Op_choice_ventilation	Op choice_ventilation	state	state		4
Op_choice_ventilation_TEXT	Op choice_ventilation (textual)	state	state		Constant

37

Select Cancel 38

The screenshot shows a software interface for managing building automation parameters. A central dialog box titled "Select ID - CoolVent activate" displays a table of parameter settings. One specific row, "CoolVent\_activate", is highlighted with a blue arrow and the number 37. The "value" column for this row contains the number 1. At the bottom right of the dialog, there are "Select" and "Cancel" buttons, with a blue arrow and the number 38 pointing to the "Select" button.

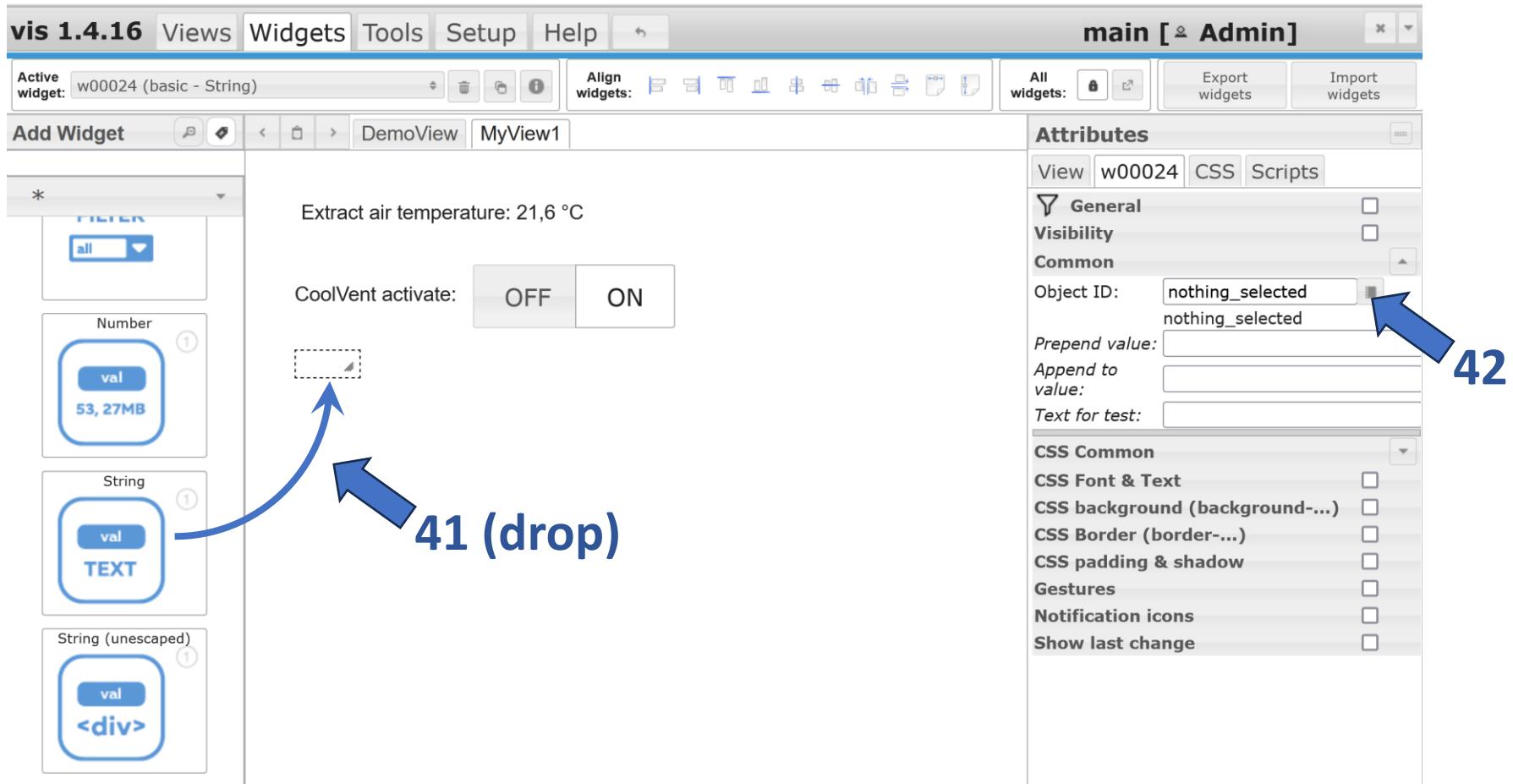
## Example: On/Off Switch as a control element with a label



## Example: On/Off Switch as a control element with a label

The screenshot shows the vis 1.4.16 software interface. The top menu bar includes Views, Widgets, Tools, Setup, Help, and a main window titled "main [ Admin ]". The "Active widget" dropdown shows "w00007 (basic - HTML)". The "Align widgets" toolbar is visible. The left sidebar contains an "Add Widget" section with categories: HTML, Svg shape, iFrame, and Image. A preview area displays the text "Extract air temperature: 21,6 °C" and an "On/Off" switch labeled "CoolVent activate:" with "OFF" and "ON" buttons. The right panel is titled "Attributes" for "View w00007" and includes tabs for CSS and Scripts. The "General" tab is selected, showing checkboxes for Visibility and Common. The "Common" tab lists various CSS properties like CSS Font & Text, CSS background, and CSS Border. A blue arrow points from the "CoolVent activate:" label in the preview area to the corresponding input field in the "Attributes" panel, with the number "40" placed near the arrow. The "Scripts" tab is also visible in the Attributes panel.

## Example: Add textual sensor value (for lists)



## Example: Add textual sensor value (for lists)

vis 1.4.16 Views Widgets Tools Setup Help main [ Admin ]

Select ID - Status heating\_circuit\_control (textual)

ID	Name	Type	Role	value
Op_choice_ventilation	Op choice_ventilation	state	state	4
Op_choice_ventilation_TEXT	Op choice_ventilation (textua	state	state	Constant
Outside_air_temp_gradC	Outside air temp_gradC	state	state	12.4
Status_heating_circuit_control	Status heating_circuit_contro	state	state	2
Status_heating_circuit_control_TEXT	Status heating_circuit_control (textua	state	state	Comfort heating
Status_vent_regulation	Status vent regulation	state	state	3
Status_vent_regulation_TEXT	Status vent regulation (textua	state	state	Humidity
admin.0				
backup.0				
discovery.0				
javascript.0				
script.js	js	device		
system.adapter.admin.0	admin	instance		
system.adapter.backup.0	backup	instance		
system.adapter.discovery.0	discovery	instance		

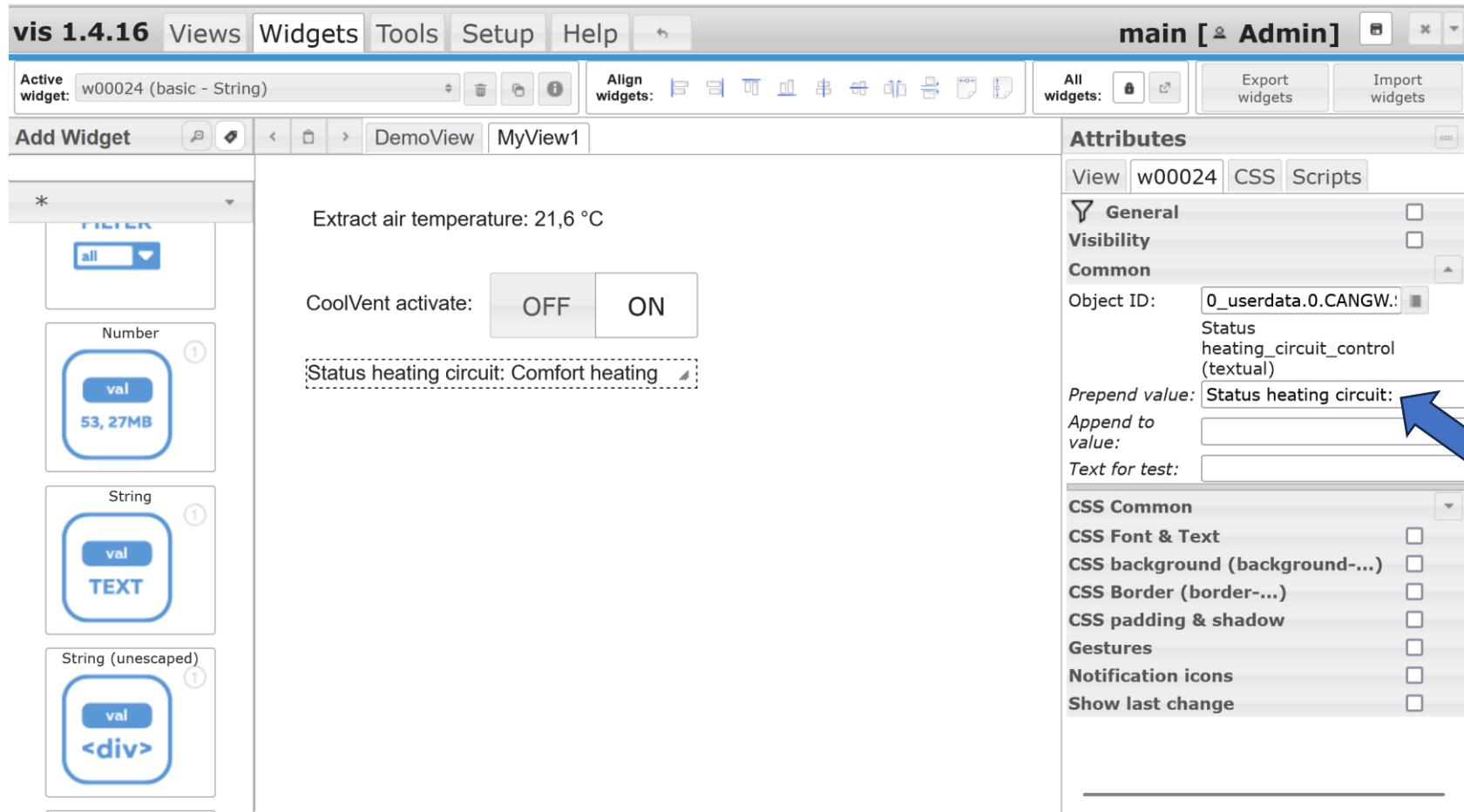
Add W

43

44

Select Cancel

## Example: Add textual sensor value (for lists)



45

## Example: Add Radiobuttons ValueList to control states

vis 1.4.16 Views Widgets Tools Setup Help main [ Admin ]

Active widget: w00025 (jqui - Radiobuttons ValueList) Align widgets: All widgets: Export widgets Import widgets

Add Widget DemoView MyView1

Extract air temperature: 21,6 °C

CoolVent activate: OFF ON

Status heating circuit: Comfort heating

OFF ON AUTO

Attributes

View w00025 CSS Scripts

General Visibility Common

Object ID: nothing\_selected  
Values: 0;1;2  
Texts: OFF;ON;AUTO

CSS Common CSS Font & Text CSS background (background-...) CSS Border (border-...) CSS padding & shadow Gestures Notification icons Show last change

46 (drop)

47

## Example: Add Radiobuttons ValueList to control states

vis 1.4.16 Views Widgets Tools Setup Help main [ Admin ]

Select ID - Heat generator\_operation\_choice

ID	Name	Type	Role	Me	Room	value
Extract_air_temp_grade	Extract air temp grade	state	state			48
Fan_exhaust_air_set_percent	Fan exhaust_air_set_percent	state	state			48
Heat_generator_operation_choice	Heat generator_operation_choice	state	state			1
Heat_generator_operation_choice_TEXT	Heat generator_operation_choice_TEXT	state	state			Auto
Heating_operation_choice	Heating operation_choice	state	state			4
Heating_operation_choice_TEXT	Heating operation_choice (text)	state	state			Constant
Humidity_extract_air_percent	Humidity extract_air_percent	state	state			56
Humidity_set_value_percent	Humidity set_value_percent	state	state			40
Normal_ventilation_modulation_percent	Normal ventilation_modulation	state	state			45
Op_choice_ventilation	Op choice_ventilation	state	state			4
Op_choice_ventilation_TEXT	Op choice_ventilation (textual)	state	state			Constant
Outside_air_temp_gradC	Outside air_temp_gradC	state	state			12.4
Status_heating_circuit_control	Status heating_circuit_control	state	state			2
Status_heating_circuit_control_TEXT	Status heating_circuit_control (text)	state	state			Comfort heating
Status_vent_regulation	Status vent regulation	state	state			3
Status_vent_reulation_TEXT	Status vent regulation (textual)	state	state			Humidity

48

49

Select Cancel

Example: Add Radiobuttons ValueList to control states

## Go to CAN-Gateway web interface:

11 H P	CoolVent_activate	100	1	00	8	
12 H P	Heat_generator_operation_choice	110	1	00	8	
13 H P		n.a.				
14 H P						
15 H P						
16 H P						
17 H P						
18 H P						
19 H P		n.a.				
20 H P			n.a.			
21 H P			n.a.			
22 H						

⊕ 192.168.107.149

Possible parameter values:

- 0 = Off
- 1 = Auto
- 4 = Heating
- 5 = Cooling

Next step

OK

## Example: Add Radiobuttons ValueList to control states

vis 1.4.16 Views Widgets Tools Setup Help main [ Admin ]

Active widget: w00025 (jquery - Radiobuttons ValueList) Align widgets: All widgets: Export widgets Import widgets

Add Widget DemoView MyView1

Extract air temperature: 21,6 °C

CoolVent activate: OFF ON

Status heating circuit: Comfort heating

Off Auto Heating Cooling

Attributes

View w00025 CSS Scripts

General Visibility Common

Object ID: 0\_userdata.0.CANGW.I  
Heat generator\_operation\_choice

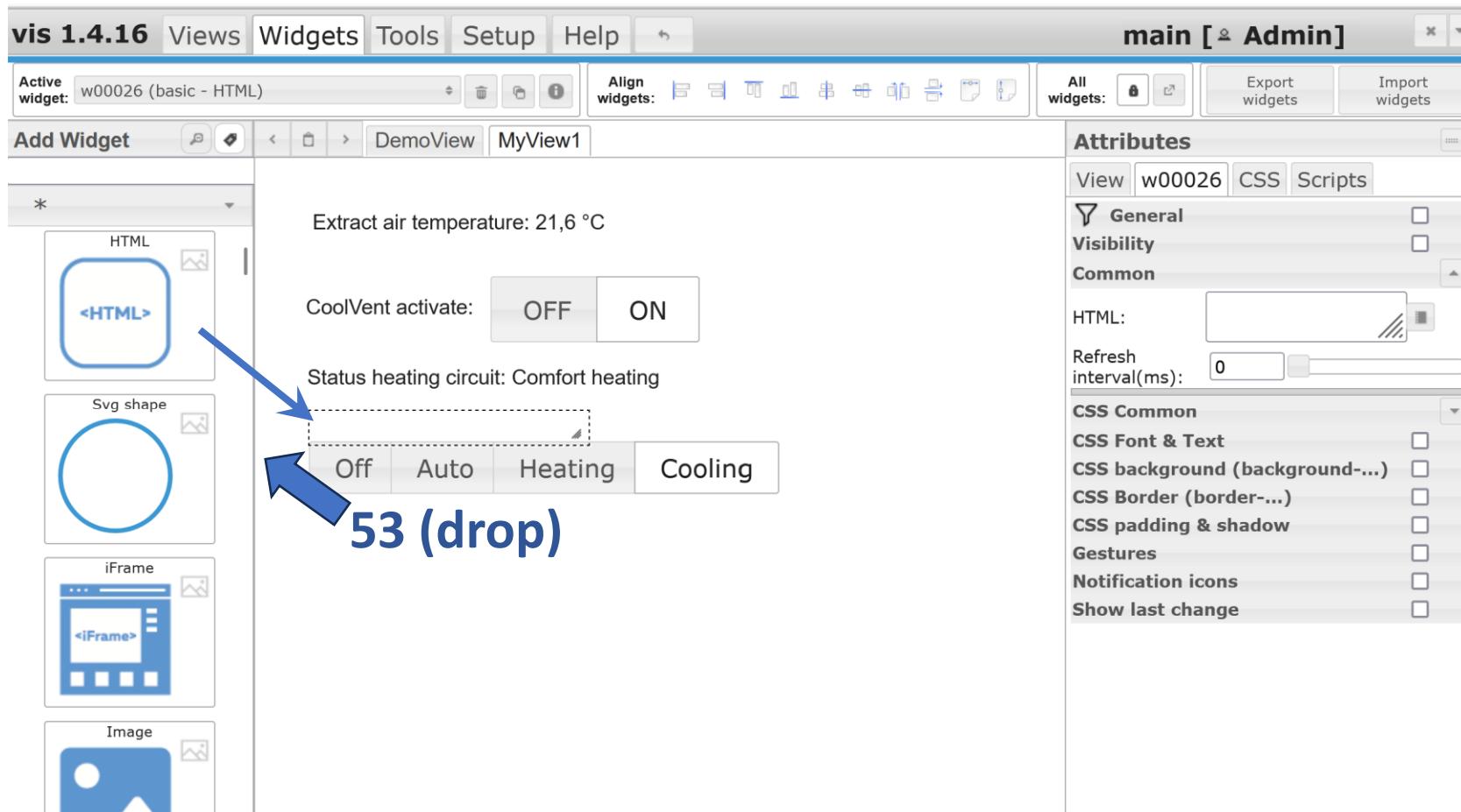
Values: 0;1;4;5;  
Texts: Off;Auto;Heating;Cooling;

CSS Common CSS Font & Text CSS background (background-...) CSS Border (border-...) CSS padding & shadow Gestures Notification icons Show last change



51 52

## Example: Add Radiobuttons ValueList to control states



## Example: Add Radiobuttons ValueList to control states

The screenshot shows the vis 1.4.16 software interface for configuring a view. The top menu bar includes Views, Widgets, Tools, Setup, Help, and a main [Admin] section. The active widget is w00026 (basic - HTML). The left sidebar shows an 'Add Widget' panel with categories: HTML, Svg shape, iFrame, and Image. The main content area displays the following information:

- Extract air temperature: 21,6 °C
- CoolVent activate: OFF ON
- Status heating circuit: Comfort heating
- Heat generator operating mode:  
Off Auto Heating Cooling

The 'Attributes' panel on the right shows the following configuration for the view:

- View: w00026
- General: Heat generator operating mode: (radio button selected)
- Visibility: (checkboxes)
- Common: Refresh interval(ms): 0
- HTML: Heat generator operating mode: (radio button selected)
- CSS Common: (checkboxes)
- CSS Font & Text: (checkboxes)
- CSS background (background-...): (checkboxes)
- CSS Border (border-...): (checkboxes)
- CSS padding & shadow: (checkboxes)
- Gestures: (checkboxes)
- Notification icons: (checkboxes)
- Show last change: (checkboxes)

A blue arrow points to the 'Heat generator operating mode:' radio button in the HTML section of the Attributes panel. A large blue number '54' is overlaid on the right side of the Attributes panel.

## Example: Add Slider to control numeric set values

vis 1.4.16 Views Widgets Tools Setup Help main [ Admin ]

Active widget: w00027 (jqui - Slider horizontal)

Add Widget Align widgets: All widgets: Export widgets Import widgets

DemoView MyView1

Extract air temperature: 21,6 °C

CoolVent activate: OFF ON

Status heating circuit: Comfort heating

Heat generator operating mode:

Off Auto Heating Cooling

Slider vertical

Slider horizontal

ctrl - Icon State set value

ctrl - Icon State / val - Icon Bool set value

Attributes

View w00027 CSS Scripts

General

Visibility

Common

Object ID: nothing\_selected nothing\_selected

OID Range max.: Working Object ID: OID Working max.: min: max: step: Inverted value: Submit method:

CSS Common

CSS Font & Text

CSS background (background-...) CSS Border (border-...) CSS padding & shadow Gestures Notification icons Show user change

55 (drop)

56

## Example: Add Slider to control numeric set values

vis 1.4.16 Views Widgets Tools Setup Help main [ Admin ]

Select ID - Humidity set\_value\_percent

ID	Name	Type	Role	Me	Room	value
0_userdata.0						
CANGW						
CoolVent_activate	CoolVent activate	state	state			1
CoolVent_activate_TEXT	CoolVent activate (textual)	state	state			On
Extract_air_temp_gradC	Extract air_temp_gradC	state	state			21.6
Fan_exhaust_air_set_percent	Fan exhaust_air_set_percent	state	state			48
Heat_generator_operation_choice	Heat generator_operation_choice	state	state			1
Heat_generator_operation_choice_TF	Heat generator_operation_choice (textual)	state	state			Auto
Heating_operation_choice	Heating operation_choice	state	state			4
Heating_operation_choice_TEXT	Heating operation_choice (textual)	state	state			Constant
Humidity_extract_air_percent	Humidity extract_air_percent	state	state			56
Humidity_set_value_percent	Humidity set_value_percent	state	state			40
Normal_ventilation_modulation_percent	Normal ventilation_modulation_percent	state	state			45
Op_choice_ventilation	Op choice_ventilation	state	state			4
Op_choice_ventilation_TEXT	Op choice_ventilation (textual)	state	state			Constant
Outside_air_temp_gradC	Outside air_temp_gradC	state	state			12.4
Status_heating_circuit_control	Status heating circuit control	state	state			?

Icon Bool  
set value

Select Cancel

Notification icons 58  
Show last change

## Example: Add Slider to control numeric set values

vis 1.4.16 Views Widgets Tools Setup Help

main [ Admin ]

Active widget: w00027 (jqui - Slider horizontal)

Align widgets:

All widgets: Export widgets Import widgets

Add Widget DemoView MyView1

Extract air temperature: 21,6 °C

CoolVent activate: OFF ON

Status heating circuit: Comfort heating

Heat generator operating mode:

Off Auto Heating Cooling

Slider horizontal

ctrl - Icon State set value

ctrl - Icon State / val - Icon Bool set value

Attributes

View w00027 CSS Scripts

General   
Visibility   
Common   
Object ID: 0\_userdata.0.CANGW.  
Humidity set\_value\_percent  
OID Range max.:   
Working Object ID:   
OID Working max.:   
min:   
max:   
step:   
Inverted value:   
Submit method:   
**59**

CSS Common

CSS Font & Text   
CSS background (background-...)   
CSS Border (border-...)   
CSS padding & shadow   
Gestures   
Notification icons



## Example: Add Slider to control numeric set values

vis 1.4.16 Views Widgets Tools Setup Help main [ Admin ]

Select ID - Humidity set\_value\_percent

ID	Name	Type	Role	Me	Room	value
0_userdata.0						
CANGW						
CoolVent_activate	CoolVent activate	state	state			1
CoolVent_activate_TEXT	CoolVent activate (textual)	state	state			On
Extract_air_temp_gradC	Extract air_temp_gradC	state	state			21.6
Fan_exhaust_air_set_percent	Fan exhaust_air_set_percent	state	state			48
Heat_generator_operation_choice	Heat generator_operation_choice	state	state			1
Heat_generator_operation_choice_TF	Heat generator_operation_choice (textual)	state	state			Auto
Heating_operation_choice	Heating operation_choice	state	state			4
Heating_operation_choice_TEXT	Heating operation_choice (textual)	state	state			Constant
Humidity_extract_air_percent	Humidity extract_air_percent	state	state			56
Humidity_set_value_percent	Humidity set_value_percent	state	state			40
Normal_ventilation_modulation_percent	Normal ventilation_modulation_percent	state	state			45
Op_choice_ventilation	Op choice_ventilation	state	state			4
Op_choice_ventilation_TEXT	Op choice_ventilation (textual)	state	state			Constant
Outside_air_temp_gradC	Outside air_temp_gradC	state	state			12.4
Status_heating_circuit_control	Status heating circuit control	state	state			?

60

61

Select Cancel

Icon Bool  
set value

Notification icons  
Show last change

## Example: Add Slider to control numeric set values

vis 1.4.16 Views Widgets Tools Setup Help

main [ Admin ]

Active widget: w00027 (jqui - Slider horizontal)

Align widgets: All widgets: Export widgets Import widgets

Add Widget DemoView MyView1

Extract air temperature: 21,6 °C

CoolVent activate: OFF ON

Status heating circuit: Comfort heating

Heat generator operating mode: Off Auto Heating Cooling



Attributes

View w00027 CSS Scripts

General Visibility Common

Object ID: 0\_userdata.0.CANGW.I Humidity set\_value\_percent

OID Range max.: Working Object ID: 0\_userdata.0.CANGW.I Humidity set\_value\_percent

OID Working max.: min:

min:

max:

step:

Inverted value:  Submit method: stop

62

CSS Common CSS Font & Text CSS background (background-...) CSS Border (border-...) CSS padding & shadow Gestures

## Example: Add Slider to control numeric set values

The screenshot shows the vis 1.4.16 software interface with the following details:

- Top Bar:** Views, Widgets, Tools, Setup, Help.
- Active widget:** w00034 (basic - HTML).
- Widgets Panel:** Add Widget, DemoView, MyView1. It lists several widget types: HTML (selected), Svg shape, iFrame, and Image.
- Main View Content:**
  - Extract air temperature: 21,6 °C
  - CoolVent activate: OFF | ON
  - Status heating circuit: Comfort heating
  - Heat generator operating mode: Off | Auto | Heating | Cooling
  - Set humidity:  (with a slider next to it)
- Attributes Panel:** main [ Admin ]. It shows the following settings:
  - View: w00034
  - General
  - Visibility
  - Common
    - HTML: Set humidity:
    - Refresh interval(ms):
  - CSS Common
  - CSS Font & Text
  - CSS background (background-...)
  - CSS Border (border-...)
  - CSS padding & shadow
  - Gestures
  - Notification icons
  - Show last change

Two blue arrows point to specific elements: arrow 63 points to the 'HTML' icon in the widgets panel, and arrow 64 points to the 'Set humidity' input field in the attributes panel.

## Example: Add Slider to control numeric set values

The screenshot shows the vis 1.4.16 software interface for configuring a view. The main area displays a view with various widgets, including a text display of air temperature, two buttons for CoolVent activation, a dropdown for heating circuit status, a radio button group for heat generator mode, and a slider for setting humidity. A blue arrow labeled 65 points to the 'Number' widget used for the humidity slider. The right side shows the 'Attributes' panel for a selected 'Number' widget, with object ID '0\_userdata.0.CANGW.' highlighted by a blue arrow labeled 66. The 'set\_value\_percent' field contains '40 %'. Two other fields, 'Append to value (Singular)' and 'Append to value (Plural)', both containing '%', are also highlighted with blue arrows labeled 67 and 68 respectively. The 'Extended settings' checkbox is checked.

vis 1.4.16 Views Widgets Tools Setup Help

main [ Admin ]

Active widget: w00035 (basic - Number)

Add Widget Align widgets: All widgets: Export widgets Import widgets

Extract air temperature: 21,6 °C

CoolVent activate: OFF ON

Status heating circuit: Comfort heating

Heat generator operating mode:

Off Auto Heating Cooling

Set humidity: 40 %

Number

String

Attributes

View w00035 CSS Scripts

General

Visibility

Common

Object ID: 0\_userdata.0.CANGW.   66

Humidity set\_value\_percent

Prepend value:

Append to value (Singular): % 67

Append to value (Plural): % 68

Extended settings

CSS Common

CSS Font & Text

CSS background (background-...)

CSS Border (border-...)

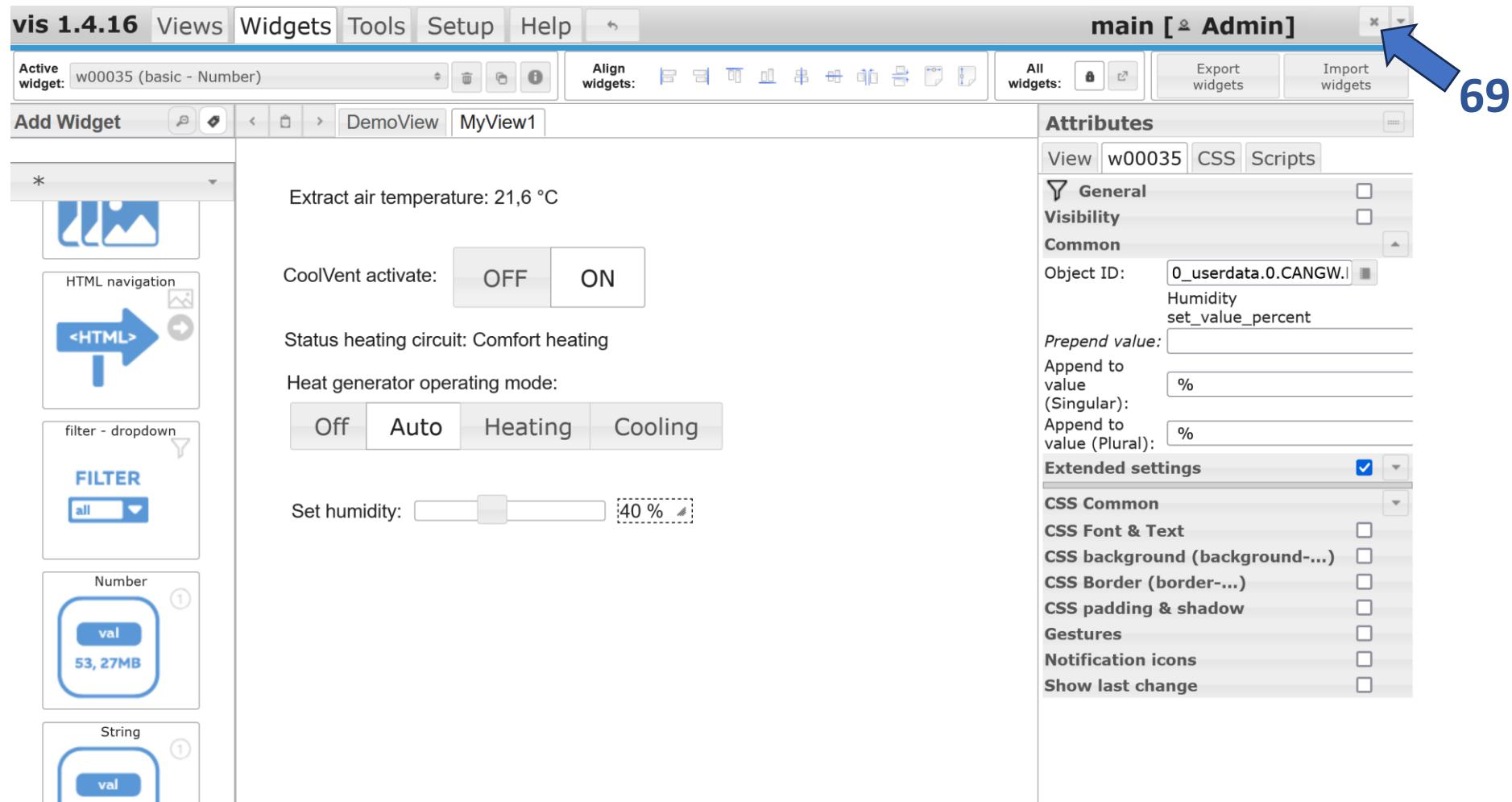
CSS padding & shadow

Gestures

Notification icons

Show last change

## Close VIS edit mode and show results



Close VIS edit mode and show results

Extract air temperature: 21,6 °C

CoolVent activate:



Status heating circuit: Comfort heating

Heat generator operating mode:



Set humidity:  40 %

