Object Classes Management

In this window there are two tabs that allow you to manage existing objects classes and create new ones, also you can change the list of colunms displayed in the Table View.

In this window there are two tabs that allow you to create new and manageexisting objects classes, their properties and operations, and also change the columns list displayed in Table view.

- General
- Properties
- Operations
- Table

General

This section consists of a list of the existing classes, for which it is possible to change:

- name;
- description;
- view that will be used by default for selected class;
- display mode in tree.

The new class creation is done by pressing the button [+] .

Properties

The section includes two fields for filling:

- name;
- value.

The field "Value" is not required. A property will be created with an empty value.

Configuration

Users	Classes	General Properties Operations Table
Agents	☁ Cloud	
Event log	📄 Configuration File	IP address
Notification templates	🔲 CPU	
States	🕐 Dashboard	Value
Incidents	🗄 Database Schema	+ Add Cancel
Object classes	datagrside	
Scripts	DeviceInfo	
Configuration options	DeviceOptions	
	ElectroReport	
	Entrance	
	🖳 File System	
	Floor	
	▦ Hardware	
	🔋 Host	
	House	
	HTTP-Resp-Time	

Operations

There are two opeations types, depending on the choice of which the fields number and content to be filled in vary:

- Program / script executionruns executable file.

New operation   ✕

Name:

> Turn off the voltage in the electrical panel

Type:

> ⚡ Program / script execution   ▼

Subtype:

> Script from repository   ▼

Script:

> ⚡ disconnect voltage   ▼

Arguments:

> Arguments   ▼

Description:

> In the event of an alarm on the object, start the operation - stop the voltage supply.

[Create]   [Close]

- MQTT message sends a message using the MQTT protocol.

Change operation: Turn on climate control ✕

Name:

Turn on climate control

Type:

🔊 MQTT message ▼

Topic:

myhome/groundfloor/livingroom/temperature

Message:

on

Description:

Activation of the temperature setting in the living room on the first floor.

[Save] [Close]

Fields description:

Field	Description in program / script	Description in MQTT
Name	Operation name displayed in web interface	
Type	Drop-down list with available operationss types.	
Subtype	Drop-down list with available subtypes: • Program/script in file system - previously created file stored in the server file system. Specify binary name or script full path. • Script from repository - script created and added to systemrepositoryearlier. The script saved in repository is selected from the drop-down list. • Script with text - manual script introduction. The script text is entered.	
Topic		MQTT topic for message sending.
Message		MQTT message text.

Arguments	Arguments with which script is run. The field is filled as necessary.	
Description	Explanation a created operation.	

Table

The following columns are available by default:

- ID — unique object ID;
- Name—name of the object with icon according to this class;
- State— status of the object
- Widgets— graphic display of the widgets configured for the object (counter, ring, circle, chart, button)
- Time — date and time when the object get the current state;
- Duration — time during which the object is in the current state.

If it is necessary you can add your colunms using the panel:

where:

- metric name — the metric name which valueis takenfrom the table ofagent datadisplayed intheobjects table, for example«percentageUsage.combined» (case-sensitive);
- colunm name — an arbitraryname displayed inthetable headerinsteadof the metric name, for example«CPU Download,%»insted of«percentageUsage.combined».