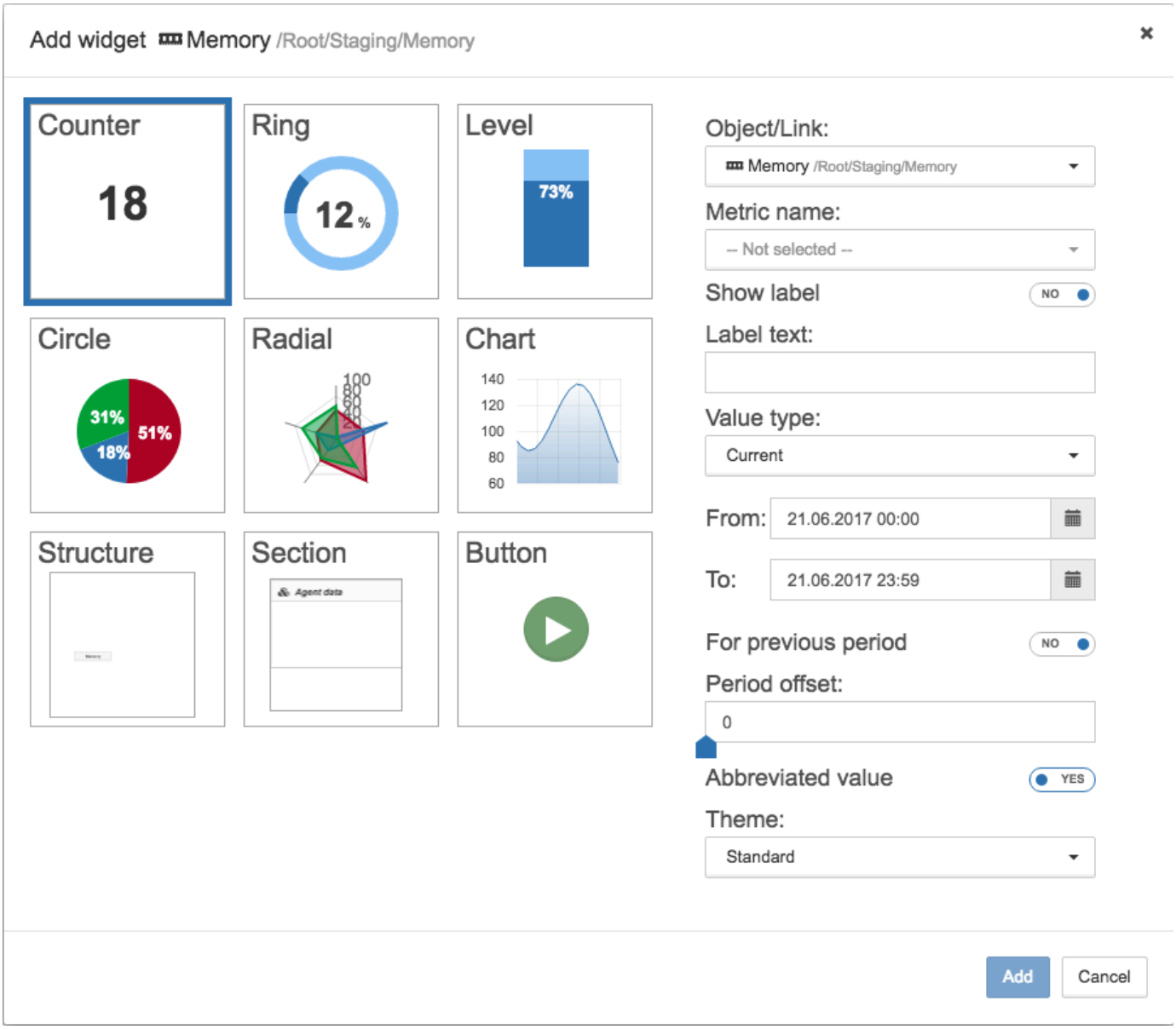
Counter

Counter - the basic, the simplest and the most common widget to display text and numeric values fromData table.

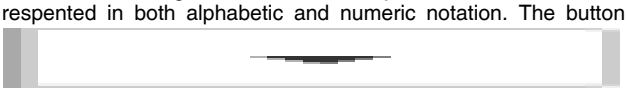


This widget allows to choose one metric from one object.

Additional fields:

Field	Description
Show label	Displays or hides metric name under its value.
Label text	Displays custom metric name.

Value type	Current value is used for all metric types. For the numeric metric you can use one of the following functions: • minimum value, • averagevalue, • maximumvalue, • number ofvalues, • sum of values, • standard deviation
Period	Displays the metric value for the last: • hour, • day, • week, • month, • quarter, • year or another period defined in"From" and "To" fields.
Count from	Defines the logic of the period count: • Present moment - displays the value type for the selected period, counting fron the present moment. E.g. you set the script execution and get the date metric (today's date) with the value of 15. When setting up the minimum weekly value: **Count = metric value (15) - Period (7 days)**. The widget wll display the date of 8. • Calendar period - displays the value type for the selected period, counting fron the calendar biginning. E.g. you set the script execution and get the date metric (today's date) with the value of 15 (Thursday). When setting up the minimum weekly value: **Count = metric value (15) - Period (Monday)**. The widget wll display the date of 12.
For previous period	Calculates and displays the metric value for the previous period with the offset defined in the "Period offset" field. E.g. you check website availability withPingsensor and getpacketsReceived as one of the metrics. You can display itsaveragevalue forthe last week or the previous weekby turning on switcher and defining 1 for the offset.
Abbreviated value	Transforms numbers tocompact view with K, M, G and T postfixes.
Theme	Allows to change a theme to apply to widget: • standard, • car, • vintage.
Multiline	Dispalys all lines of the metric value. If the parameter is off, only the first line of the value is displayed. E.g. when executing an HTTP request, the body metric is returned, the value of which is multi-line text. When you switch the slider to the "Yes" position and specify the font size, the response body will be fully displayed on the widget.

Dictionary	Serves to display the data that came from the agent in a human readable form on the widgets of Counters. The Dictionary is the set of records of the form "Key = Value". The data obtained from the agent are compared with the "Key". If a match is found, thepropriate "Value" will be displayed on th widget. For example, the door open sensor sends the values "0" and "1", which corresponds to its opening and closing. To display the state ofthe door in a human readable form, add to a widget the dictionary with the values: • 0 = the door is closed; • 1 = the door is opened. The sensor fixed the door opening and sent the value "1". These data are compared with the dictionary in which correspondence is stored: The value "The door is opened" will be displayed on the Counter. The amount of created dictionaries and the rows stored in them for one widget is not limited. Key and Value can be respented in both alphabetic and numeric notation. The button  allows to see a list of already existing dictionaries.