

AlarmTrigger

Summary

This block sends a selection of Alarms so it can be processed/exported by other blocks. At least one active selection has to be selected inside to work. The strategy execution can also be forced by activating a regular execution via the property "TriggerMode".

Implementation

- Drag and drop the block from the palette
- Link the "execute" action from the "executed" topic of the previous block
- Choose the corresponding selection(s). They must select alarms. Example: `alarm:[bql:select *`
- Adjust the interval

Example

The screenshot shows the 'Alarm Trigger' configuration dialog box. It has a title bar 'Alarm Trigger' and a subtitle 'AlarmTrigger (History Trigger)'. The dialog contains several fields and controls:

- Interval:** A text field with '00006h 00m 00s' and a unit selector set to '[1ms-+inf]'.
- Trigger Mode:** A dropdown menu currently set to 'Interval'.
- Time Of Day:** A checkbox that is currently unchecked.
- Start Time:** A text field with '12:00:00 AM CET'.
- End Time:** A text field with '12:59:59 PM CET'.
- Days Of Week:** A row of checkboxes for Sun, Mon, Tue, Wed, Thu, Fri, and Sat, all of which are checked.
- Last Trigger:** A text field with '29-Jan-2019 05:03 PM CET'.
- Next Trigger:** A text field with '29-Jan-2019 11:03 PM CET'.
- Selection:** A section with a plus icon, a search icon, a text field containing 'Alarms/All alarms', a right arrow, and a close icon.
- Buttons:** 'OK' and 'Cancel' buttons at the bottom right.

Properties

- *TriggerMode* { *Manual*, *Daily*, *Interval* }: The way the trigger will be executed
 - *Manual*: will be triggered only by invoking the "fireTrigger" action
 - *Daily*: will be triggered every day
 - *Interval*: will be triggered at regular intervals
- *LastTrigger*: Date of the last trigger
- *NextTrigger*: Date of the next trigger
- *Selection*: To select one or several history selections

Actions

- *FireTrigger*: To execute the trigger. It will, by default, execute the strategy on every selected element in a DO mode