

WEINTEK LABS., INC.

Action Trigger

Operating objects using Action
Trigger

Demo Project

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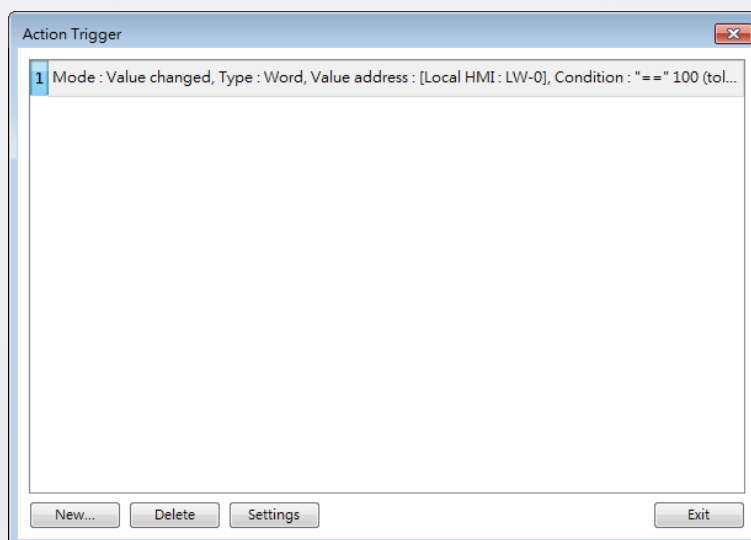
1. Overview

Action Trigger can trigger groups of actions in a preset sequence when the specified condition is met. When configuring Action Trigger, actions can be classified into groups. The actions within the same group are executed at the same time. When all the actions within the same group are completed, the actions in the next group are then executed. This demo project explains how to use Action Trigger object.

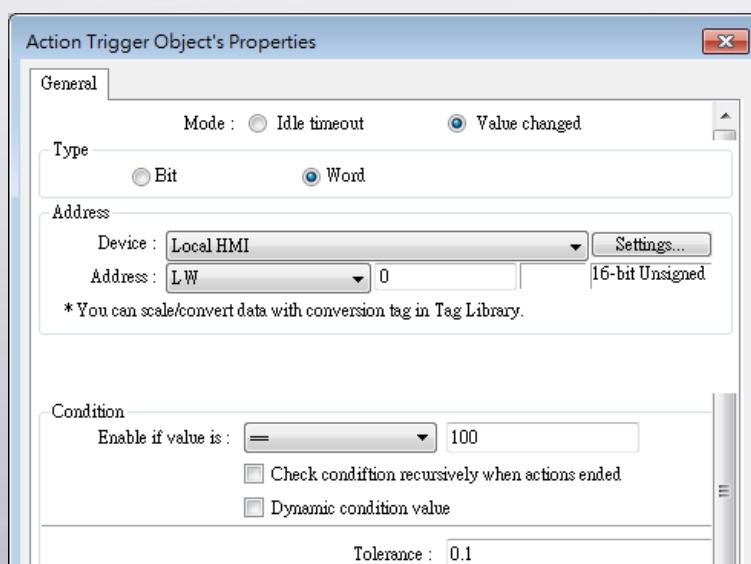
2. Setting up the Screen

Step 1. Click [Objects] » [Action-related] » [Action Trigger] to open the settings window.

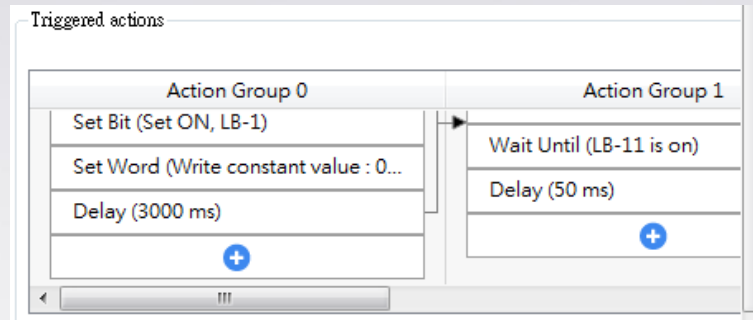
Step 2. Click [New] to open object's properties settings window.




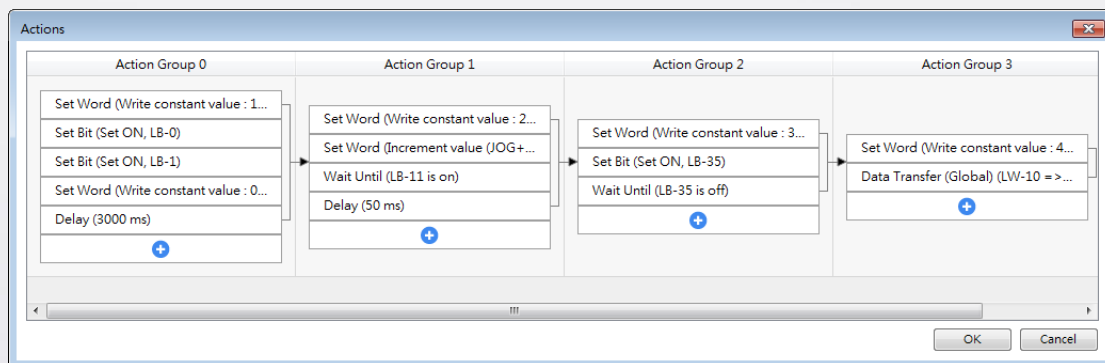
Step 3. Specify condition. The actions will be triggered when the specified condition is met.



Step 4. Add the actions to be triggered when the specified condition is met into Action Groups.



Step 5. Click  icon in the upper-right corner of Triggered Actions group box to expand Actions settings window for easier setting.



3. Address Settings

The addresses of key objects used in this demonstration are listed below, please adjust as necessary.

Object	Address	Object ID	Description
Window 10			
Bit Lamp	LB-0	BL_0	Turns the switch ON when the specified condition is met.
Bit Lamp	LB-1	BL_1	Turns the water valve ON when the specified condition is met.
Bit Lamp	LB-0	BL_2	Turns the switch ON.
Bit Lamp	LB-0	BL_3	Shows Emergency Stop button.
Toggle Switch	LB-11	TS_0	Group 2 - Emergency Stop.
Toggle Switch	LB-35	TS_1	Group 3 - Set Off Switch.
Numeric	LW-0	ND_0	Shows current temperature.
Meter Display	LW-0	MD_0	Shows current temperature.
Set Word	LW-0	SW_0	By default the temperature is 80 degrees.
Set Word	LW-0	SW_1	Raises the temperature up by 1 degree each second.
Numeric	LW-1	NE_0	Group 1 - Speed.
Set Word	LW-1	SW_2	By default the speed is 2.
Flow Block	LW-1	FB_0~FB_1	Shows water flow.
Numeric	LW-2	NE_1	Group 2 - Count.
Animation	LW-3~LW-4	AN_0	Shows current progress.
Word Lamp	LW-4	WL_0~WL_3	Shows current progress.
Numeric	LW-10	NE_2	Group 4 - Data Transfer.
Set Word	LW-10	SW_3	By default the value is 80.
Numeric	LW-11	ND_1	Group 4 - Data Transfer.
Picture		GP_0	Picture of the machine.
Window 11			
Picture		GP_0~GP_4	Background pictures.
Background			
Action Trigger			Global: Action Trigger object.