

WEINTEK LABS., INC.

Calculator

Demo Project

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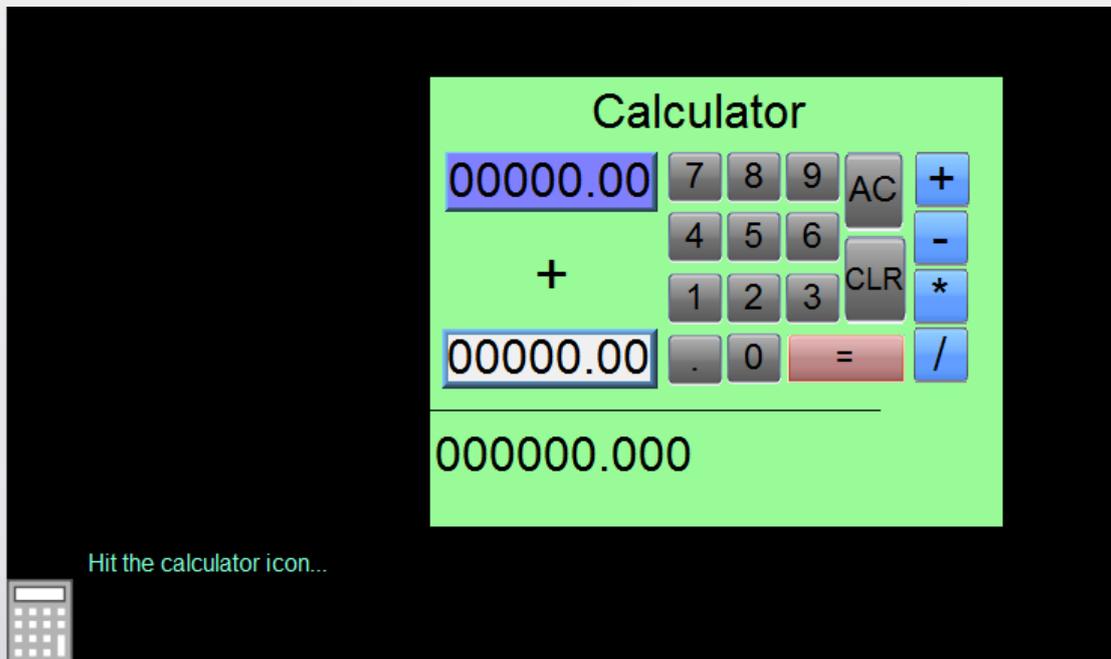
1. Overview and Operation

Overview

This demo project is a sample calculator.

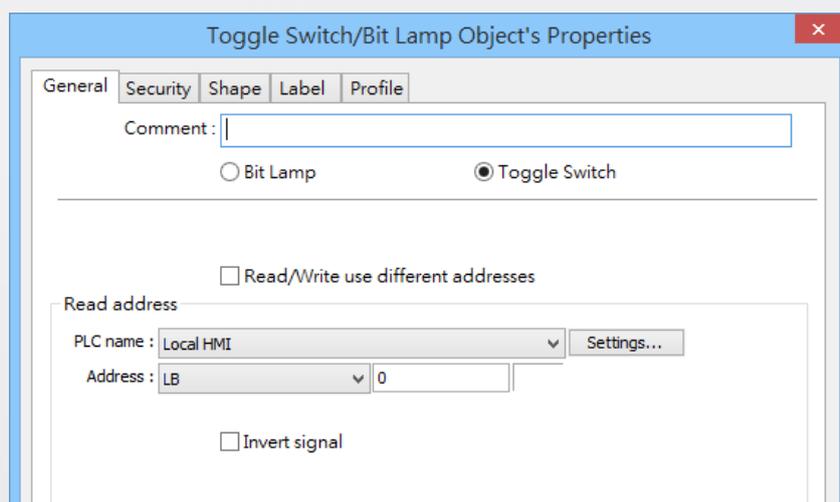
Operation

Hit the calculator icon at the corner. The calculator will pop up in a new window.

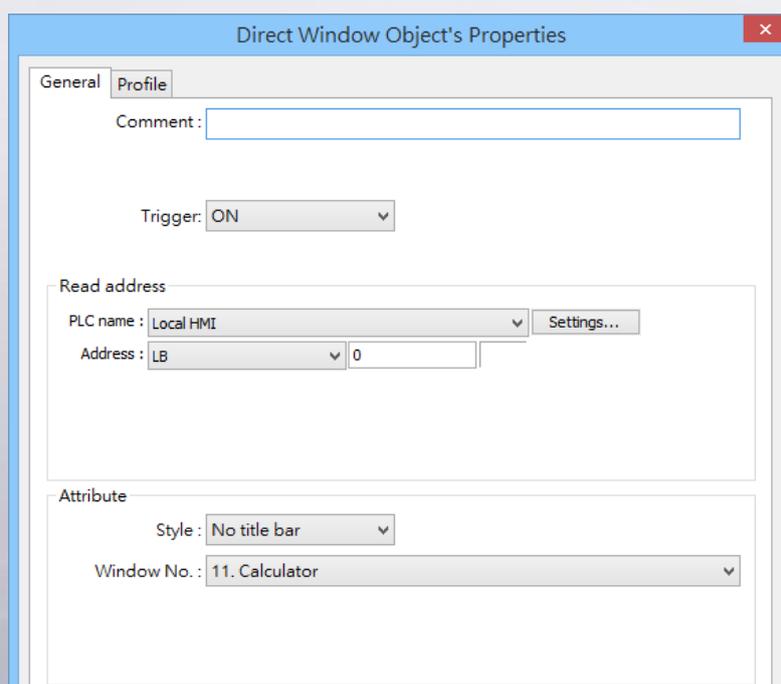


2. How to use in your own project

Step 1. In a window, place a Toggle Switch, and use a bit address. This switch is used to call the window which has the calculator.

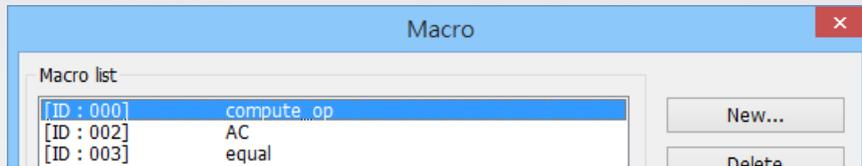


Step 2. In the same window, add a Direct Window, and use the same bit address as the switch in step 1. Select the window where the calculator screen will be. This window will be called.

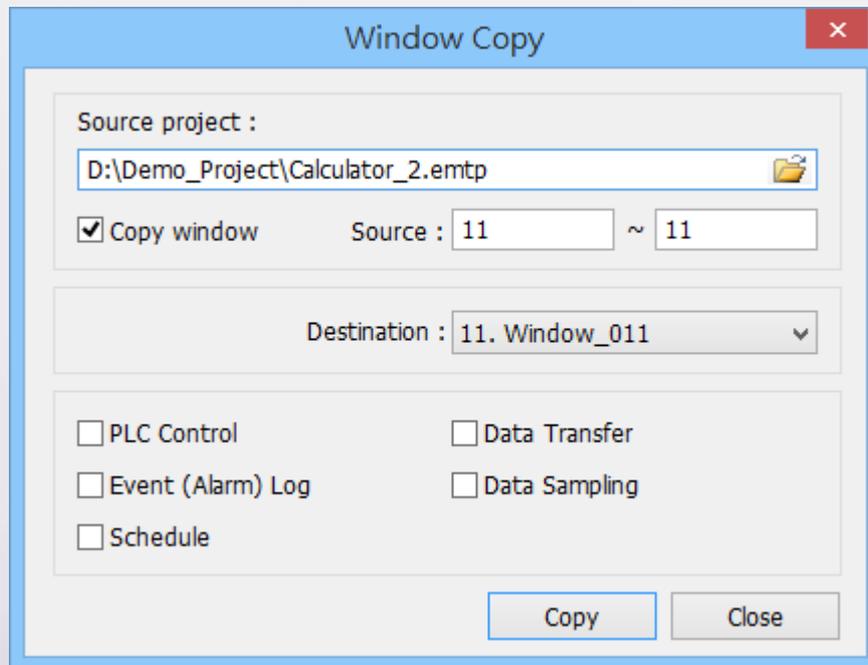


Step 3. Copy the macro command from the demo project to your own.

Assign appropriate names for easy reference later. If possible, use the same macro ID & order as the demo project.



Step 4. Copy the calculator window to your own project. Perform Window Copy found at [Edit] » [Window Process] » [Window Copy...]. Select the demo project as the source project and copy window 11. Set target window as the destination.



Step 5. If in step 3, the macro ID & order is different from the demo, re-assign them. Otherwise, confirm that objects are using the correct macro. Over the AC should be a function key using macro: AC. Over the equal button should be a function key using macro: equal. Over the arithmetic operators should be a function key using macro: compute_op.

3. Addresses

The addresses of objects used in this demonstration are listed below. If you are copying these elements to your own project, please be aware not to use the same addresses elsewhere.

Object	Address	Object ID	Description
Window 10			
Toggle Switch	LB-0	TS_0	For calculator pop-up window
Direct Window	LB-0	WC_0	For calculator pop-up window
Window 11			
Function Key		FK_1-14	Character Entry
Word Lamp	LW-10	WL_0	Current Arithmetic operation
Function Key		FK_0, FK_15, FK_16	Macro execution
Numeric	LW0-3	NE_0, NE_1	Display calculation result
Numeric	LW4-5	ND_0	Numeric entry
Set Bit	LB-1	SB_0	Initialization
Macro	LB-1, LB-2, LB-5, LW-10, LW-11		Control Bit/Word