

Event Write Address

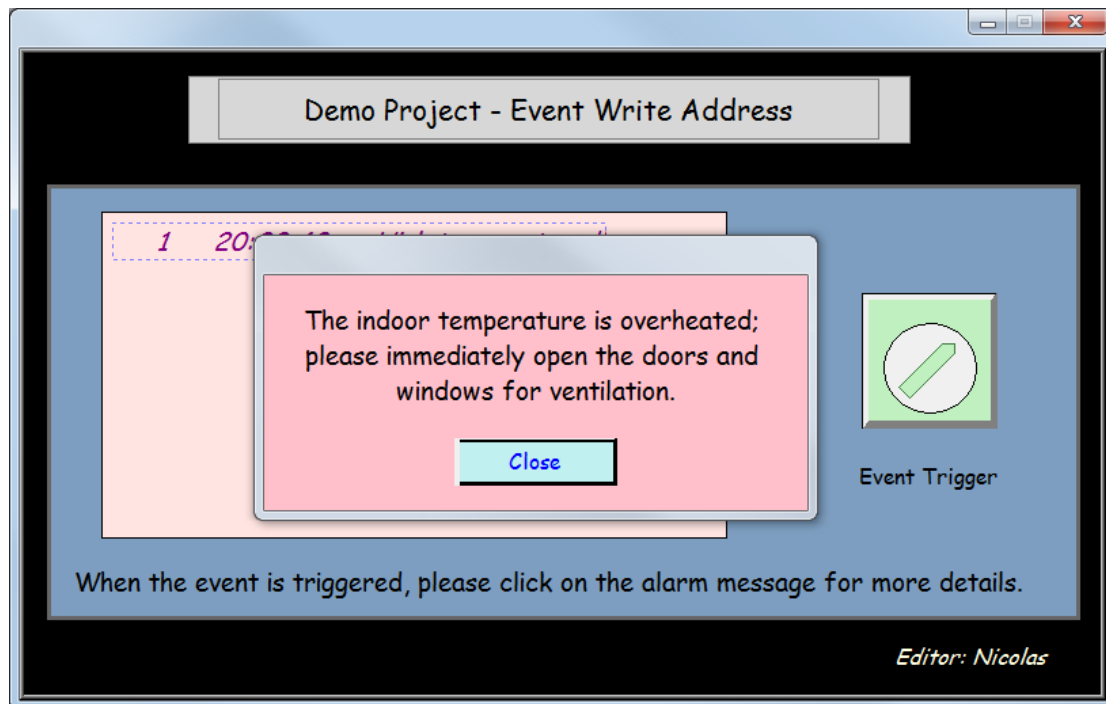
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1. Overview and Operation

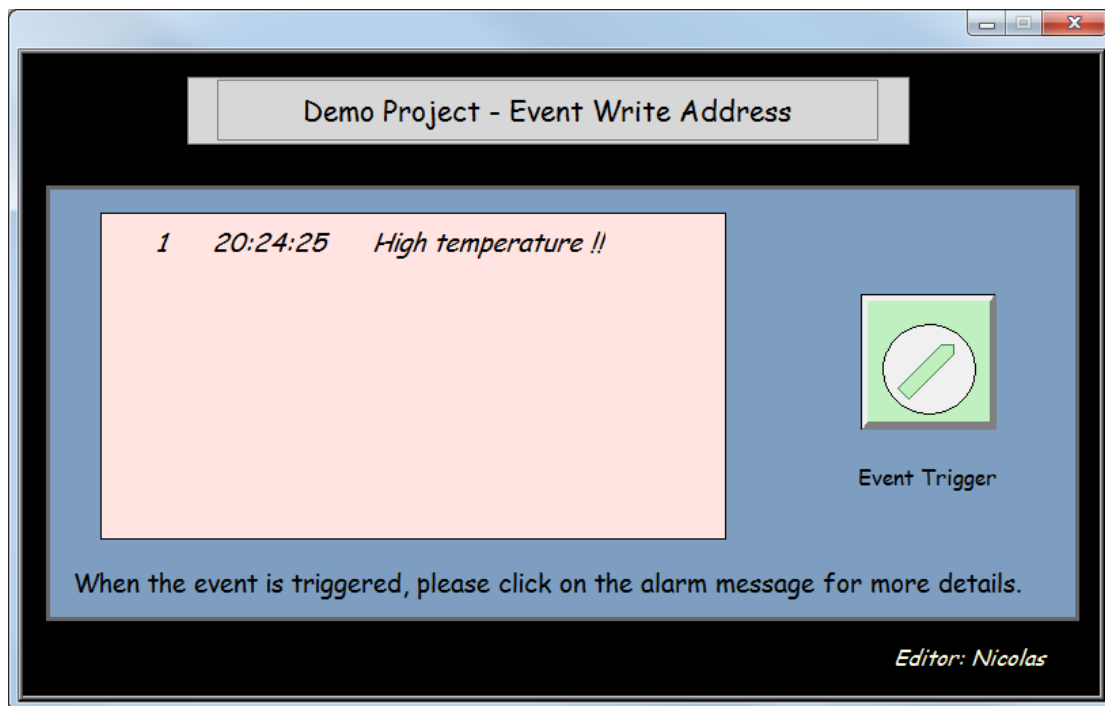
Overview

This demo project introduces how to use Write Address of Event Display Object. When an event is triggered, click on the event to acknowledge it. A popup dialog will then display the detailed message of the event.

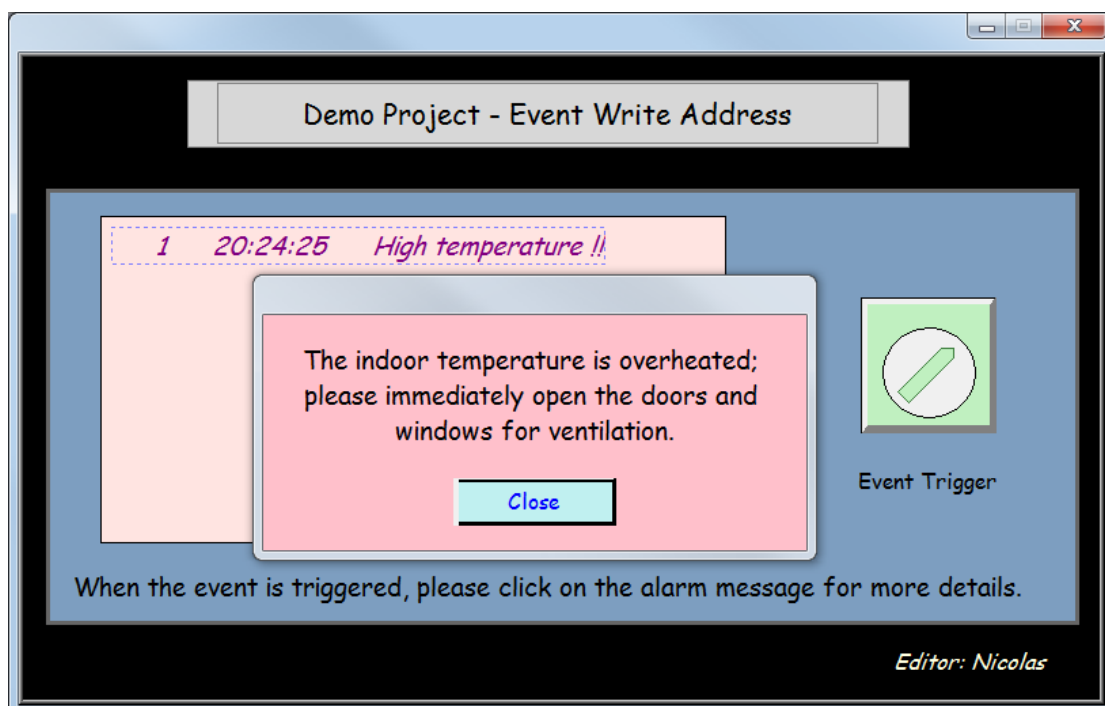


Operation

Click on the [Event Trigger] button to trigger an event.

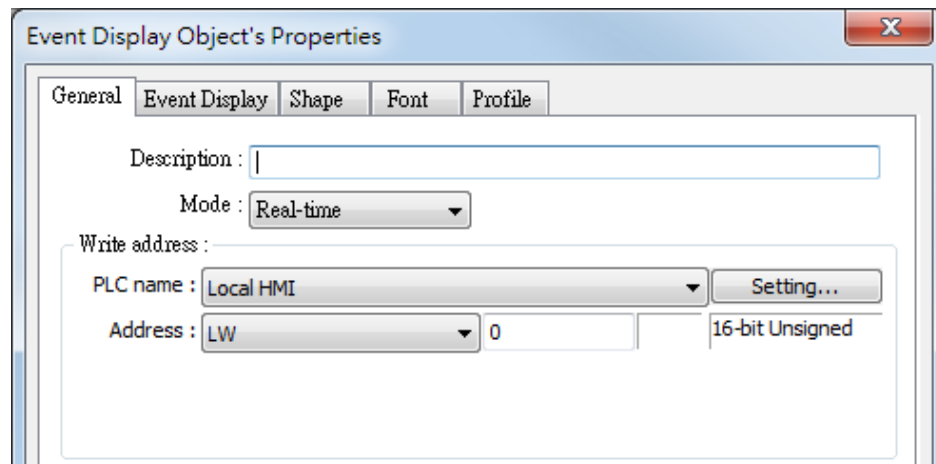


When an event is triggered, click on the event to acknowledge it. A popup dialog displays more details.



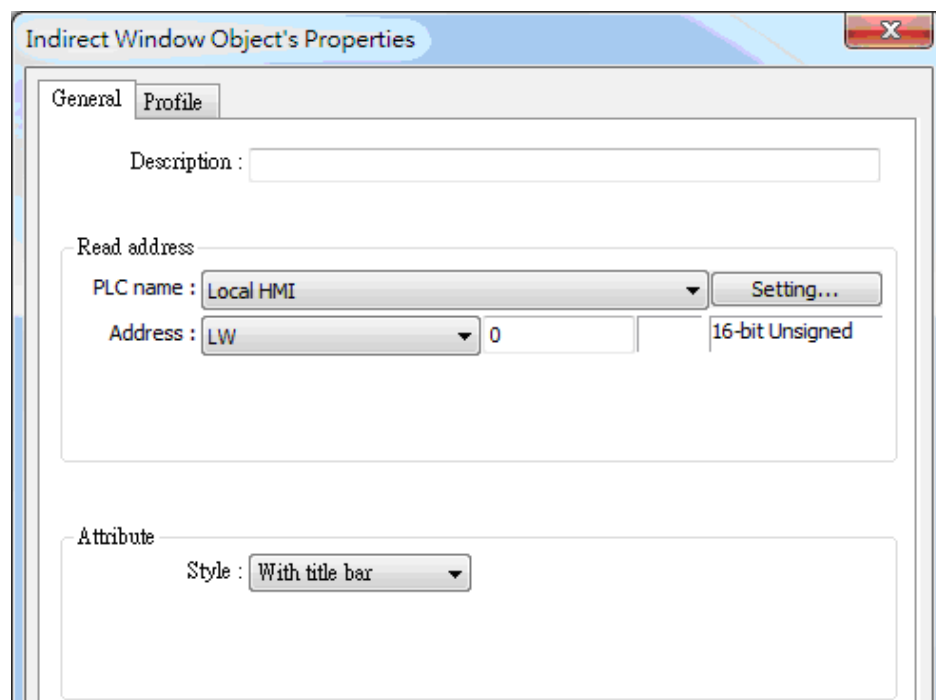
2. Setting up the Screen

1. In window no. 10 create an Event Display Object, set to [Real-time] mode. Set [Write address] to LW-0.

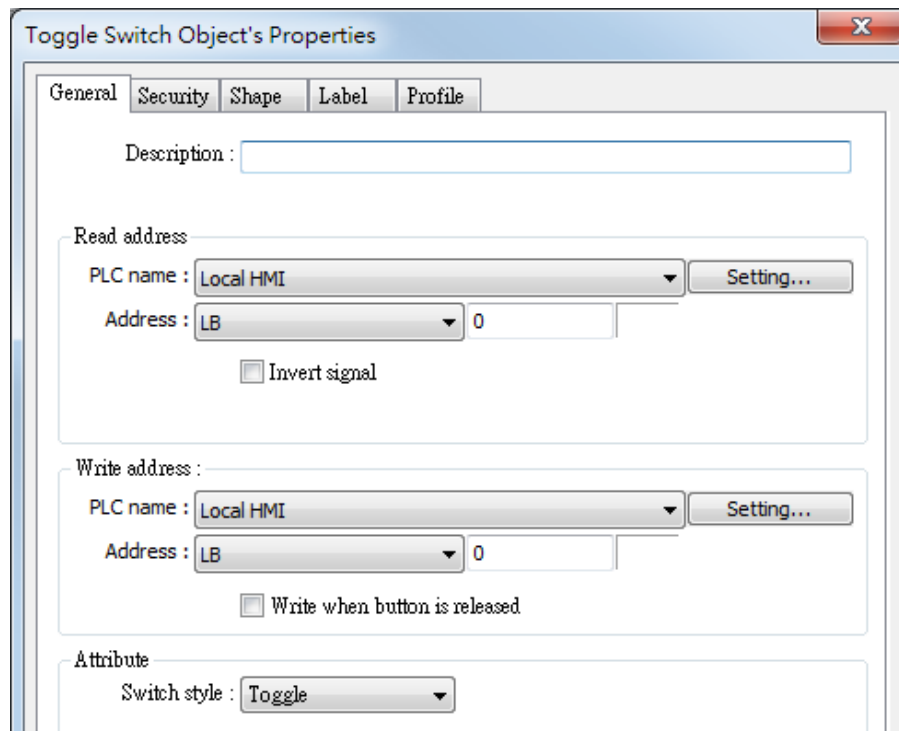


In the [Event Display] tab, set the relevant properties.

2. In window no. 10 create an Indirect Window Object. Set [Read address] to LW-0 and select "With title bar".



3. In window no. 10 create a Toggle Switch Object. Set [Read address] and [Write address] to LB-0. Set [Switch style] to "Toggle".



Toggle Switch Object's Properties

General Security Shape Label Profile

Description :

Read address

PLC name : Local HMI Setting...

Address : LB 0

☐ Invert signal

Write address :

PLC name : Local HMI Setting...

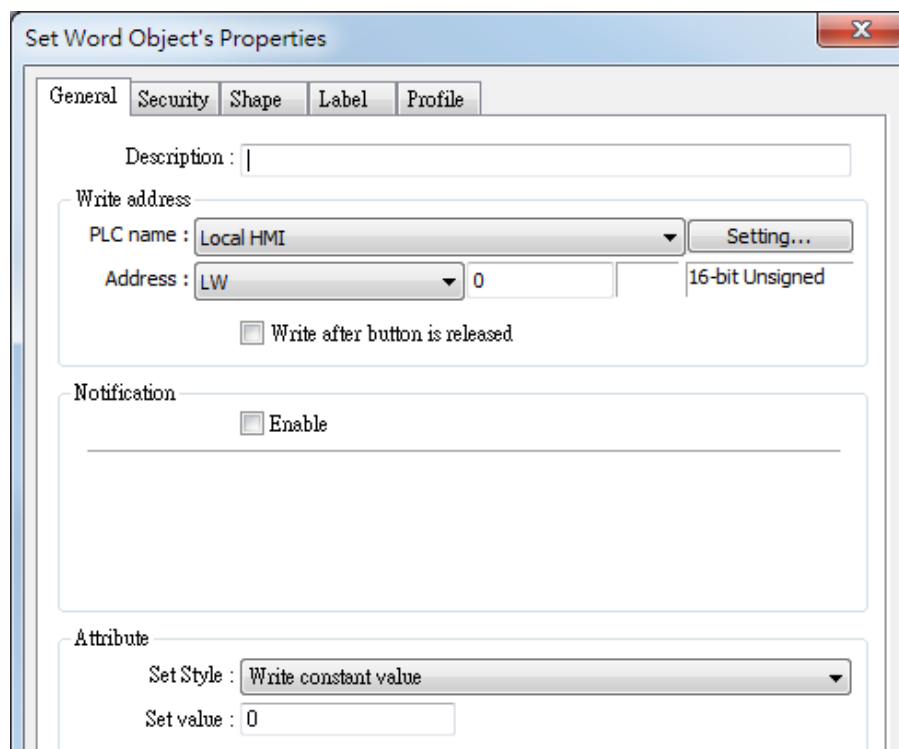
Address : LB 0

☐ Write when button is released

Attribute

Switch style : Toggle

4. In window no. 11 create a Set Word Object to close the Indirect Window. Set [Write address] to LW-0, [Set style] to "Write constant value", and [Set value] to 0.



Set Word Object's Properties

General Security Shape Label Profile

Description : |

Write address

PLC name : Local HMI Setting...

Address : LW 0 16-bit Unsigned

☐ Write after button is released

Notification

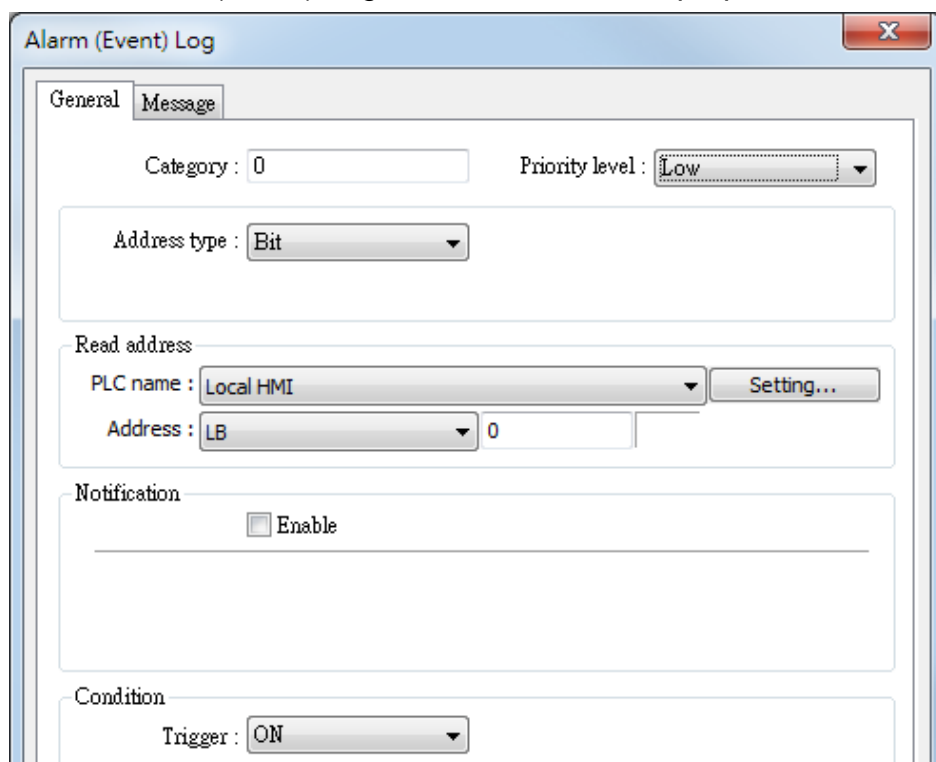
☒ Enable

Attribute

Set Style : Write constant value

Set value : 0

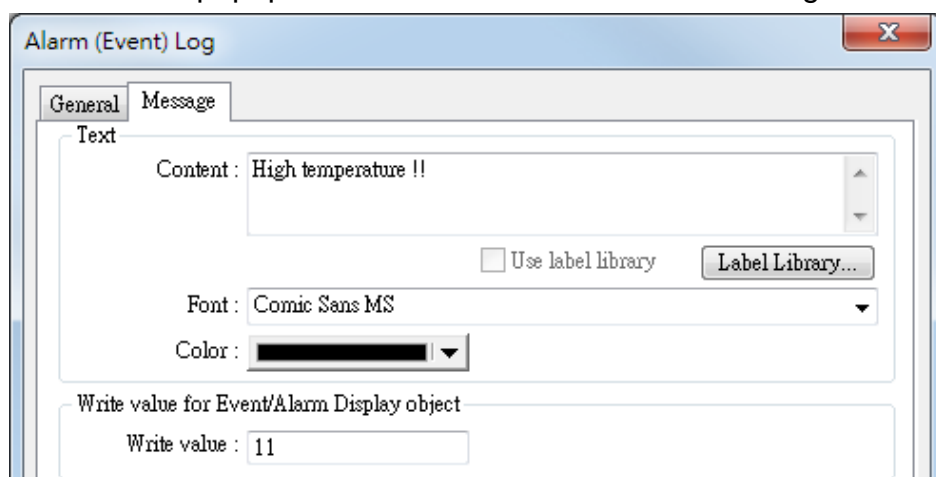
5. Create an Alarm (Event) Log and set the relevant properties as follows:



The screenshot shows the 'Alarm (Event) Log' window with the 'General' tab selected. The 'Message' sub-tab is also active. The configuration is as follows:

- Category:** 0
- Priority level:** Low
- Address type:** Bit
- Read address:**
 - PLC name:** Local HMI
 - Address:** LB 0
- Notification:**
 - ☐ Enable
- Condition:**
 - Trigger:** ON

In the [Message] tab, set [Write value for Event / Alarm Display object] to 11. Window no. 11 will popup when an event / alarm is acknowledged.



The screenshot shows the 'Alarm (Event) Log' window with the 'Message' tab selected. The configuration is as follows:

- Text:**
 - Content:** High temperature !!
 - ☐ Use label library
 - Font:** Comic Sans MS
 - Color:** Black
- Write value for Event/Alarm Display object:**
 - Write value:** 11

3. Addresses

The addresses of the objects used in this demonstration are listed below.

Object	Address	Object ID	Description
Window 10			
Event Display	LW_0	ED_0	Displays the events
Indirect Window	LW-0	WP_0	A popup message window
Toggle Switch	LB-0	TS_0	Triggers events
Window 11			
Set Word	LW_0	SW_0	Closes the popup window