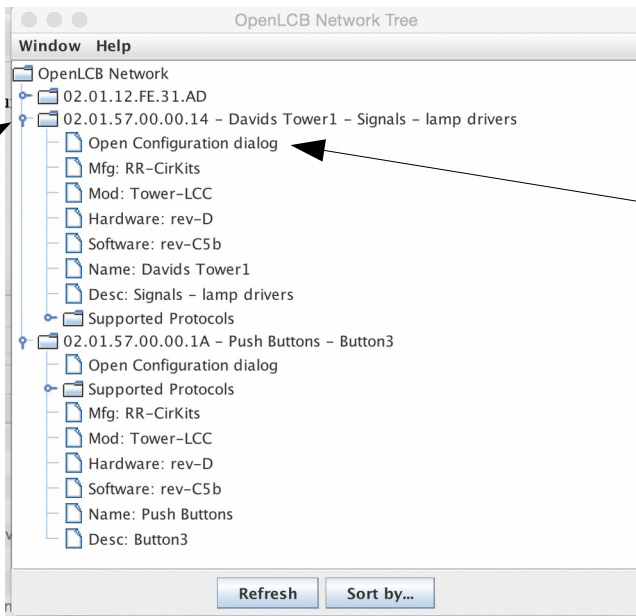


LED is attached to this node

Buttons attached to this node



Click on this icon to open up the tab.



Click here to open the CDI Tool.

## Setting up the two Buttons on the first node.

Line 11 (Button2) Line 12 (Button3) Line 13 (Button4) Line 14 (Button5) Line 15 (Button6) Line 16 (Button7)  
Line 1 (Button1) Line 2 (Button2) Line 3 Line 4 Line 5 Line 6 Line 7 Line 8 Line 9 (Button0) Line 10 (Button1)

Line Description  
Button1 Refresh Write

Output Function  
No Function Refresh Write

Input Function  
Active Lo Refresh Write

Delay  
Delay time values for blinks, pulses, debounce.  
Interval 1 Interval 2  
Delay Time (1-60000)  
0 Refresh Write

Units  
Milliseconds Refresh Write

Retrigger  
Yes Refresh Write

Event  
Event 1 Event 2 Event 3 Event 4 Event 5 Event 6  
Command  
(C) When this event occurs  
02.01.57.00.00.1A.00.00 Refresh Write Copy Paste Search  
Action  
the line state will be changed to  
None Refresh Write

Event  
Event 1 Event 2 Event 3 Event 4 Event 5 Event 6  
Upon this action  
Input On Refresh Write  
Indicator  
(P) this event will be sent  
02.01.57.00.00.1A.00.06 Refresh Write Copy Paste Search

Button1 on Input 1, Active Lo, when Event 1 is 'Input On' (i.e. low) the node will send eventid: 02.01.57.00.00.1A.00.06.

Line 11 (Button2) Line 12 (Button3) Line 13 (Button4) Line 14 (Button5) Line 15 (Button6) Line 16 (Button7)  
Line 1 (Button1) Line 2 (Button2) Line 3 Line 4 Line 5 Line 6 Line 7 Line 8 Line 9 (Button0) Line 10 (Button1)

Line Description  
Button2 Refresh Write

Output Function  
No Function Refresh Write

Input Function  
Active Lo Refresh Write

Delay  
Delay time values for blinks, pulses, debounce.  
Interval 1 Interval 2  
Delay Time (1-60000)  
0 Refresh Write

Units  
Milliseconds Refresh Write

Retrigger  
No Refresh Write

Event  
Event 1 Event 2 Event 3 Event 4 Event 5 Event 6  
Command  
(C) When this event occurs  
02.01.57.00.00.1A.00.0C Refresh Write Copy Paste Search  
Action  
the line state will be changed to  
None Refresh Write

Event  
Event 1 Event 2 Event 3 Event 4 Event 5 Event 6  
Upon this action  
Input On Refresh Write  
Indicator  
(P) this event will be sent  
02.01.57.00.00.1A.00.12 Refresh Write Copy Paste Search

Button2 on Input 2, Active Lo, when Event 1 is 'Input On' (i.e. low) the node will send eventid: 02.01.57.00.00.1A.00.12.

Setting up the LED attached to Line 1 on the second node.

Line 8 Line 9 (Aux) Line 10 (LG) Line 11 (LY) Line 12 (LR) Line 13 Line 14 Line 15 Line 16  
Line 1 (LED) Line 2 (LY) Line 3 (LR) Line 4 (HG) Line 5 (HY) Line 6 (HR) Line 7 (LYF)

Line Description  
LED Refresh Write

Output Function  
Steady Active Lo Refresh Write

Input Function  
Disabled Refresh Write

Delay  
Delay time values for blinks, pulses, debounce.  
Interval 1 Interval 2  
Delay Time (1-60000)  
500 Refresh Write

Units  
Milliseconds Refresh Write

Retrigger  
Yes Refresh Write

Event  
Event 1 Event 2 Event 3 Event 4 Event 5 Event 6  
Command  
(C) When this event occurs  
05.02.01.02.02.64.00.1E Refresh Write Copy Paste Search

Action  
the line state will be changed to  
On (Line Active) Refresh Write

Event  
Event 1 Event 2 Event 3 Event 4 Event 5 Event 6  
Upon this action  
None Refresh Write

Indicator  
(P) this event will be sent  
00.00.00.00.00.00.00.99 Refresh Write Copy Paste Search

Event1 is set to turn it on.

Line 8 Line 9 (Aux) Line 10 (LG) Line 11 (LY) Line 12 (LR) Line 13 Line 14 Line 15 Line 16  
Line 1 (LED) Line 2 (LY) Line 3 (LR) Line 4 (HG) Line 5 (HY) Line 6 (HR) Line 7 (LYF)

Line Description  
LED Refresh Write

Output Function  
Steady Active Lo Refresh Write

Input Function  
Disabled Refresh Write

Delay  
Delay time values for blinks, pulses, debounce.  
Interval 1 Interval 2  
Delay Time (1-60000)  
500 Refresh Write

Units  
Milliseconds Refresh Write

Retrigger  
Yes Refresh Write

Event  
Event 1 Event 2 Event 3 Event 4 Event 5 Event 6  
Command  
(C) When this event occurs  
05.02.01.02.02.64.00.1F Refresh Write Copy Paste Search

Action  
the line state will be changed to  
Off (Line Inactive) Refresh Write

Event  
Event 1 Event 2 Event 3 Event 4 Event 5 Event 6  
Upon this action  
None Refresh Write

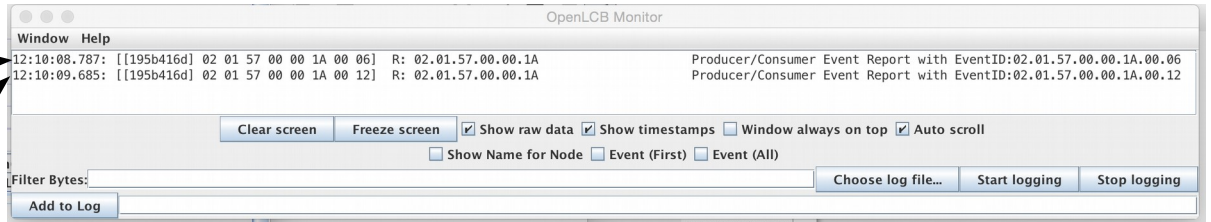
Indicator  
(P) this event will be sent  
00.00.00.00.00.00.00.99 Refresh Write Copy Paste Search

Event2 is set to turn it off.

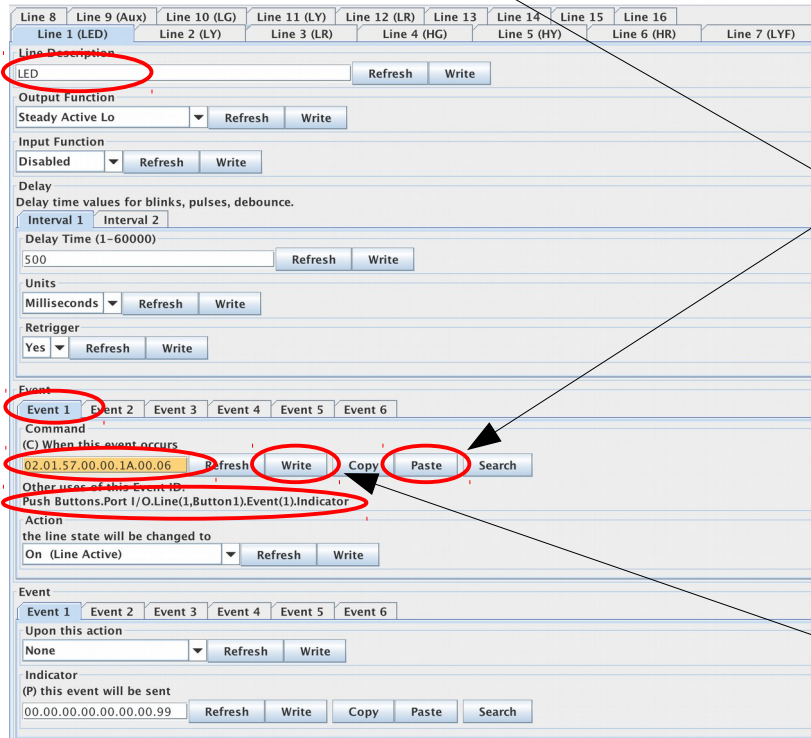
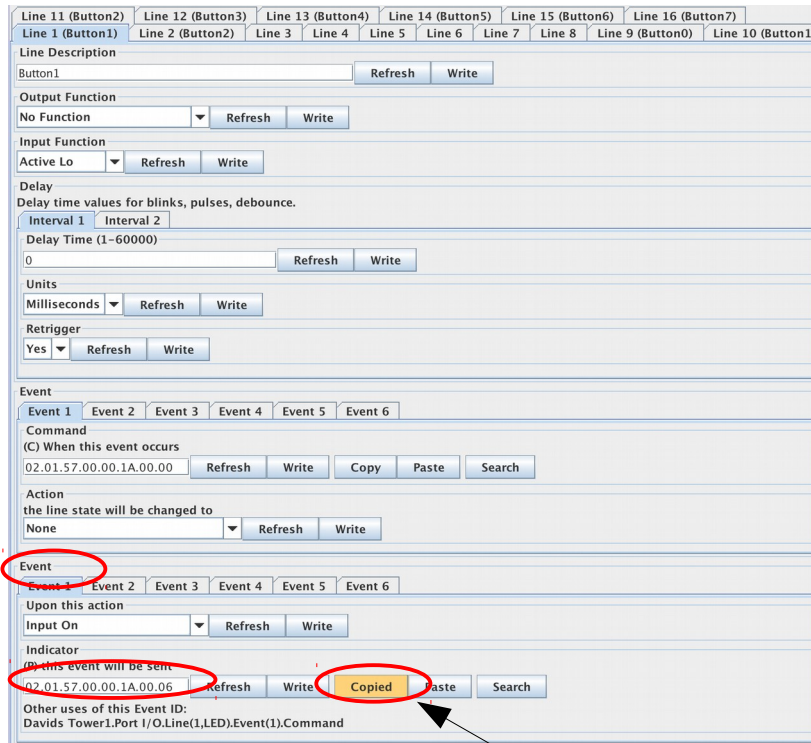
# Open the LCC Traffic window, and then press the Buttons:

When Button1 is pressed, it produces this event.

When Button2 is pressed, it produces this event.



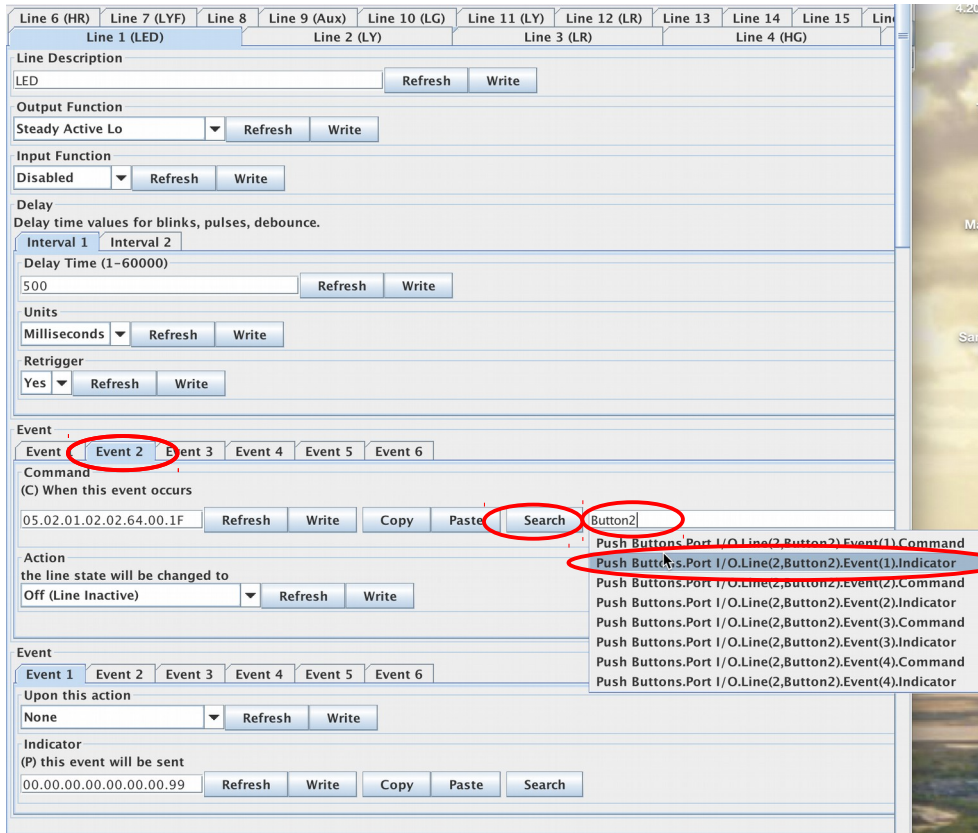
# Using the 'Copy' and 'Past' method to connect a Producer to a Consumer.



Using 'Copy' and 'Paste' to copy the eventid from Button1 to LED 'On' eventid.

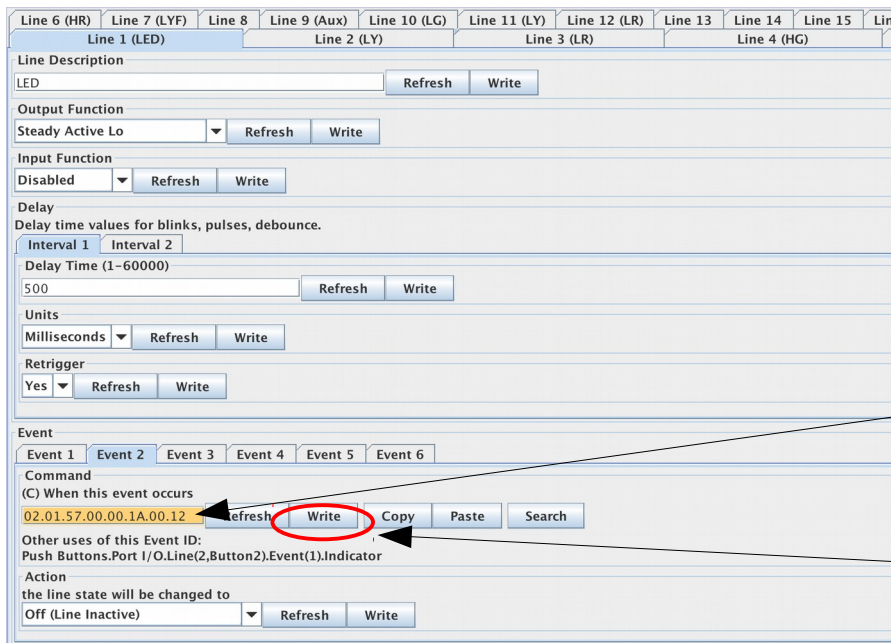
**DON'T forget to Write the change to the Node!!**

Another method is to use the 'Search' function to choose an eventid.



1. Click on Event2
2. Click on Search;
2. Type in 'Button2'
3. Choose Event1 and Indicator to choose the eventid which is produced.

'Command' = consumed event and an action (output)  
 'Indicator' = Input and produced event



4. The eventid is copied into the chosen field.

DON'T forget to Write the change to the Node!!

Now, pushing Button1 should turn on the LED, and pushing Button2 should turn it off.

DID you remember to Write the changes to the Nodes??