

Double click button

You may wish to detect 'double-click' or 'triple-click' on buttons. This would be useful for showing special menus (layers) - or sending commands that need a little more security.

To detect 'multiple-clicks' we use 'Event handler - preprocessor'.

In this simple guide we want to control a variable called "ShowMenu". It has just two options: off / on.

We create a behavior on a button - It must be double-clicked in order to set "ShowMenu" to 'on'

Create button behavior

- right-click desired button and select 'Create behavior'
 - Parameter: Var:ShowMenu
 - Settings template: [leave blank]

Create Event handler

- click 'Show more' > locate Event handler section > enter name "DbIPress" and click 'Create' > click new Event handler to open it
 - Handler type: Binary
 - Set values: 'on'

Inspector

Behavior A6

Layer: [Boot Screen](#)

Parameter:

IO Reference

Var:ShowMenu

Change



Settings Template:

MasterBehavior



Hide More

Clear All Settings

Feedback:

> Default Feedback

Textline1:

(x) {Var:ShowMenu}



Index

Create new

Insert At End

Event Handlers:

> Event handler DbIPress



Handler Type:

Binary (Button)



Set Values:

on



Event Preprocessor:

Advanced

From binary



From absolute



From pulsed



From speed



Create preprocessor (from binary)

- Locate the Event Preprocessor section > next to From binary > click '+' to create > click it to edit
- select 'Default' > click '+' to create > click 'ActDown' to open settings

- Repeat: Delayed <-- start a timer
- Repeat delay: 300 <-- timer lenght in milleseconds
- Burst count: 2 <-- number of required button presses to proceed with output

trigger

- Output trigger: ActDown

The screenshot displays the configuration interface for the Event Preprocessor. On the left, under 'Routes: InputEdge', the 'Default' route is selected. The 'Pass Through' checkbox is unchecked. Below this, there are buttons for 'ActDown' and 'ActUp', and a red square icon. A 'Create new...' button with a dropdown arrow and a plus sign is also visible. On the right, the 'Route: Default.ActDown' settings are shown. Under 'Repeat settings:', the 'Repeat' dropdown is set to 'Delayed'. The 'Repeat Delay' is set to '300'. The 'Max Repetitions' is set to '2'. The 'Block Leading Triggers' and 'Time Window To Prev Trigger' options are present but not configured. Under 'For Binary Outputs:', the 'Output Trigger' is set to 'ActDown' and the 'Output Edge' is set to 'ActDown'.

With the above, you must press button 2 times within 300ms for the action to proceed (ie. set ShowMenu to 'on')

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