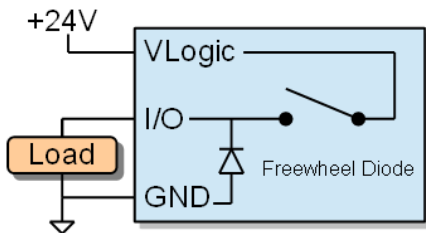# MMC Quick Start Guide

Lesson 3) Using Digital Outputs

IO points can be configured as outputs that act like switch closures to the VLogic supply (sourcing outputs).

Step 1) Wire in your load as shown.

Step 2) Apply power and start the Snap2Motion software. You should expect to see the green LED start to blink and the yellow LED steady on.
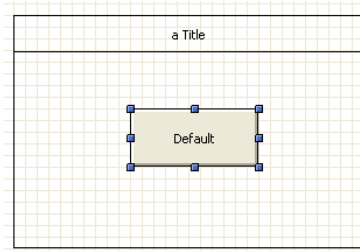
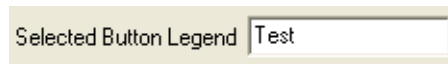**Step 3)** Click the "Console Tab".

Step 4) Click the "Button Tool".

Step 5) Drag a rectangle over the default form to make a button.

Step 6) Click on the Button Legend editor and change the name to "Test".

Note that the button name to the left changes to TestButton.

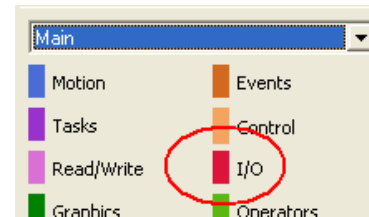## Make a Block List

Step 7) Click the "Blocks" Tab.

Step 8) Select "Main" from the object list and click the "Events" Category.

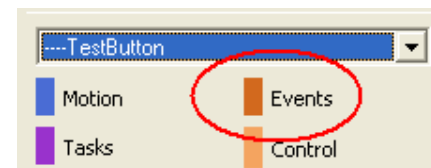**Step 9)** Drag the "Autostart" Block into the workspace.

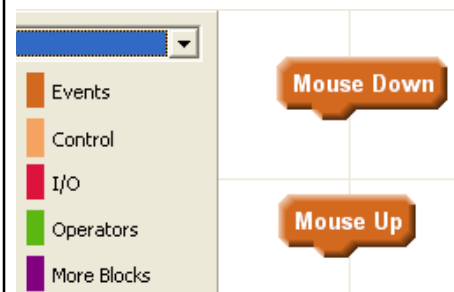**Step 10)** Click the "I/O" Category.

Step 11) Drag the "Configure IO" block under the Autostart Block and indicate the IO point being configured.

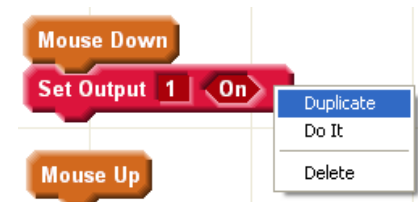**Step 12)** Select the "--TestButton" on the object list and click "Events".

Step 13) Drag the "Mouse Down" and "Mouse Up" Blocks to the Workspace.

Step 14) Select the "IO" Category and add the "Set Output" Block under the "Mouse Down" Block.

Step 15) Return to "Events" and drag the "Mouse Up" Block onto the workspace. Right click on the "Set Output" Block and select "Duplicate".

Step 16) Place the duplicated block under the "Mouse Up" Block. Click on the "On" diamond field and choose "Off".

Step 17) Click the button and wait for the status to indicate "Running". Click and hold the "Test Button" down. Your load should be active. Release the mouse and the load should be inactive.