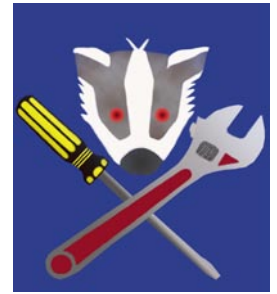




BadgerBOTics Camp

Building on Talented Students

RoboLAB 2.9.3 Quick Sheet #3



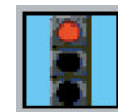
General Features – Start Icons and Wiring

All Programs:

Start Icon with Name
as it appears on NXT screen



End Icon



Notes: Delete the default starting “green light” icon and replace it with the NXT version. This allows you to name the program on the NXT. Change the name to save multiple programs to the NXT without overwriting the existing program. Remember the NXT start icon is on the NXT COMMANDS submenu.

Wiring :

Use the wiring spool cursor
from the the Tools Palette

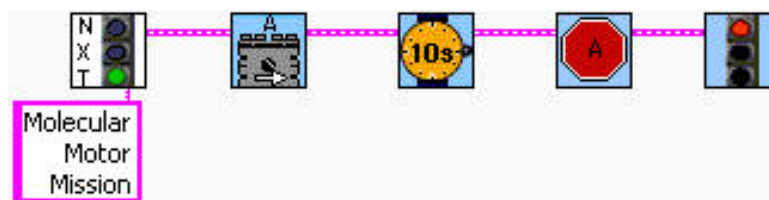


Wiring Sequence of Events:

Upper-right corner to upper-left corner
Sequencing wires connect pink wiring stubs.



NOTE: The program will execute your commands in the order in which they are wired to each other. This starts at the “green light” and goes to the “stop light”. Keep your programs organized and neat to make it easier to Debug them later.



Wiring Outputs and Inputs:

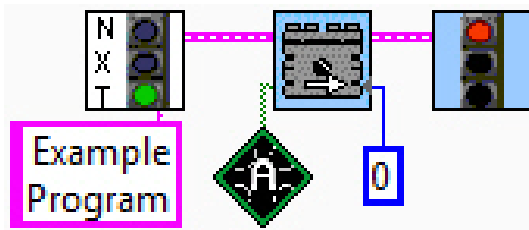
Lower-left corner to upper half of modifier for ports.
Port wires connect green wiring stubs.



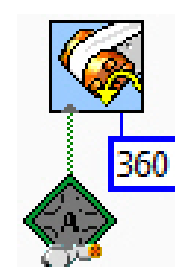
Lower-right corner to modifier for numeric constants.
Numerical constant wires connect blue stubs.



Examples:



OR



Wiring Multiple Outputs:

Top of one modifier to bottom of the other modifier
then from the top of the second modifier to the main icon.

