Robot Main.vi
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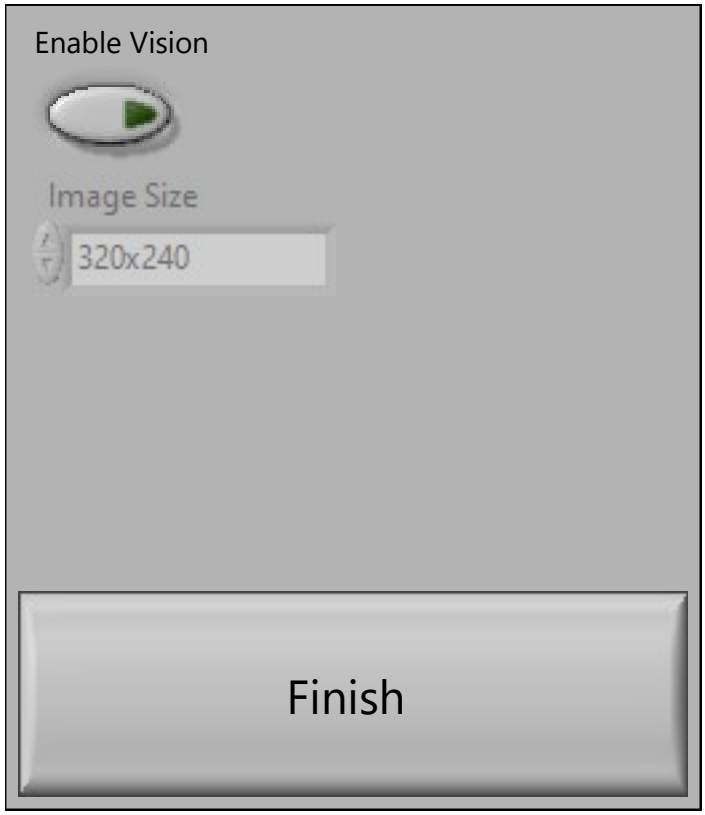
Robot Main.vi

This VI implements the framework and scheduler for your robotics program. It should not be necessary to modify the framework. You are expected to add your code to the VIs called from Robot Main - the ones located in the Team Code folder within the project.



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Documentation

Robot Main implements the framework and scheduler for your robotics program.

It should not be necessary to modify this VI. You should be able to code your robot within the Team VIs described below.

1. Begin.vi
Called once at beginning, to open I/O, initialize sensors and any globals, load settings from a file, etc.

2. Autonomous Independent.vi
Automatically started with the first packet of autonomous and aborted on the last packet. Write this Team VI to loop for the entirety of the autonomous period.

3. TeleOp.vi
Called each time a teleop DS packet is received and robot is enabled.

4. Disabled.vi
Called each time a packet is received and the robot is disabled.

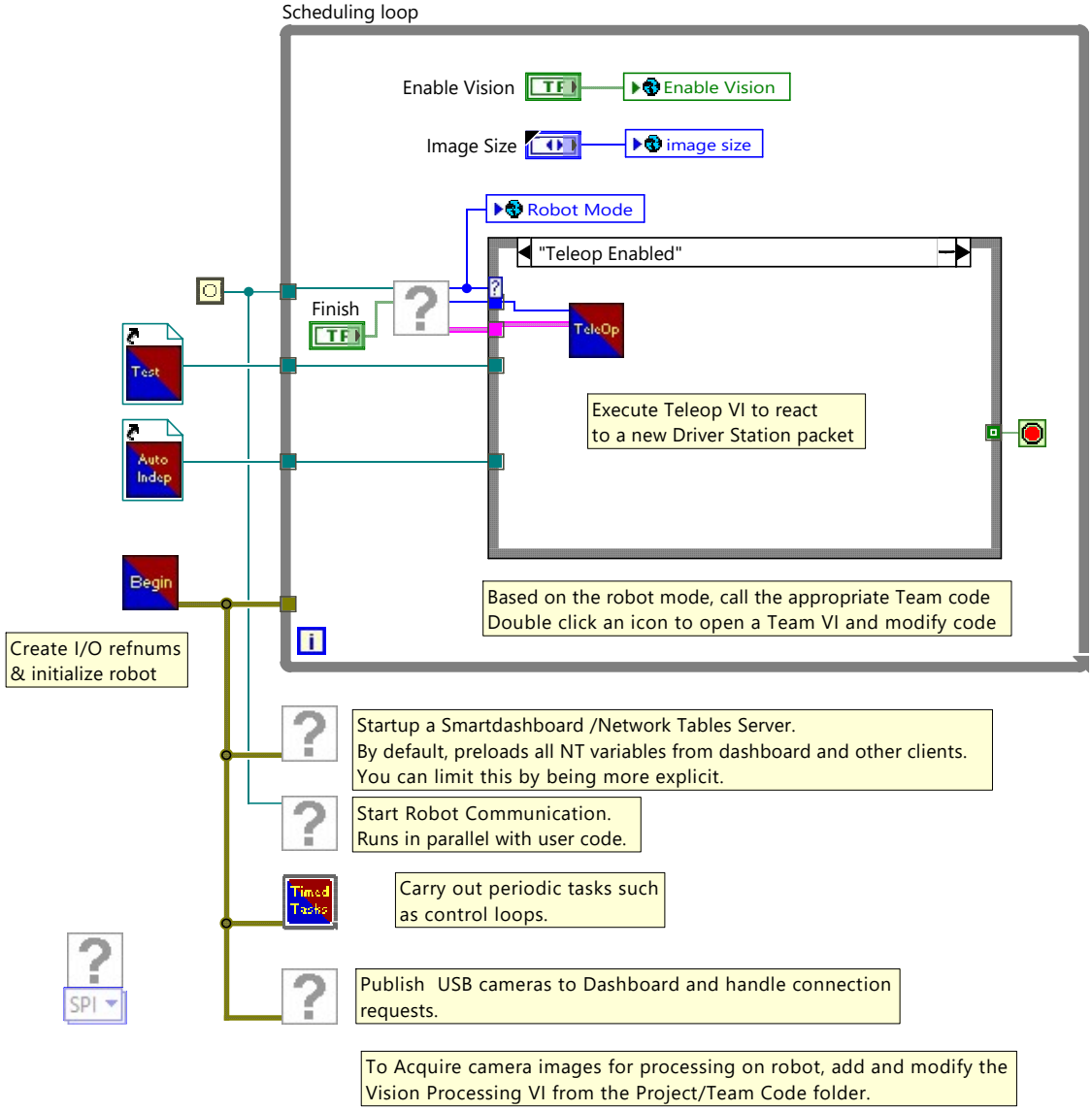
5. Test.vi
Called Automatically started with the first test packet and aborted on the last. Modify this VI to carry out robot and sensor validation tests.

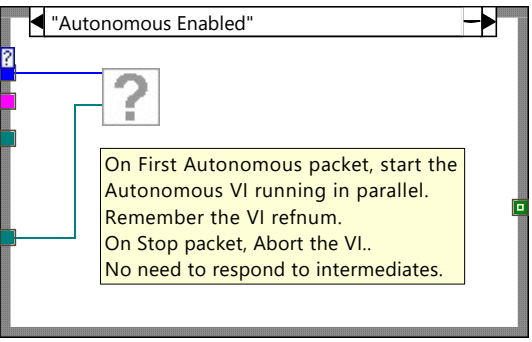
6. Vision Processing.vi
A parallel loop that acquires and processes camera images. Drag from the project/ Team Code if you wish to use this.

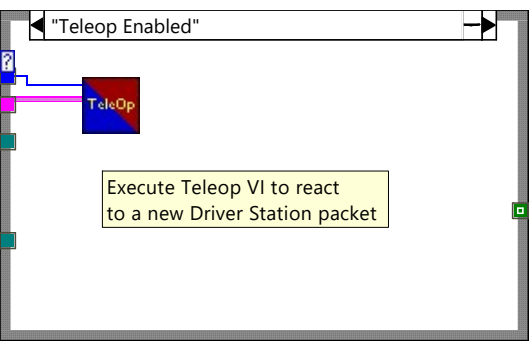
7. PeriodicTasks.vi
Parallel loops running at user-defined rates.

8. Finish.vi

Scheduling loop







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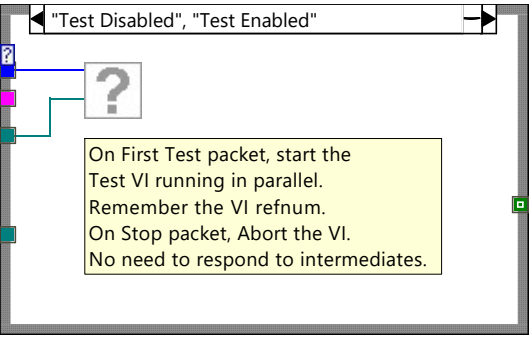

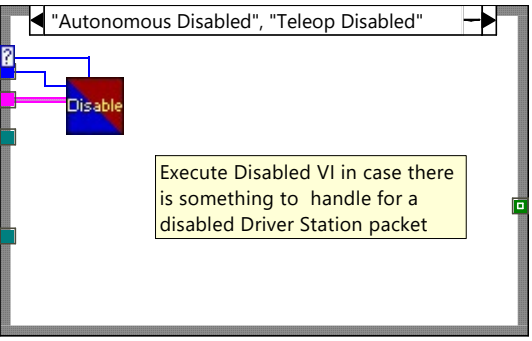

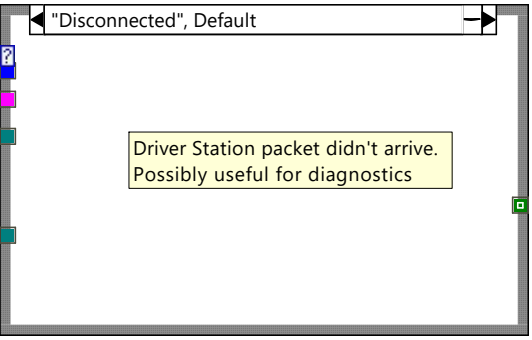

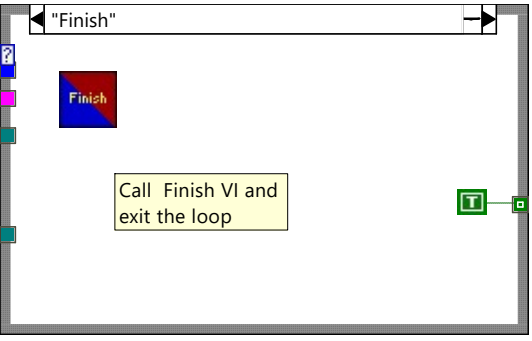

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