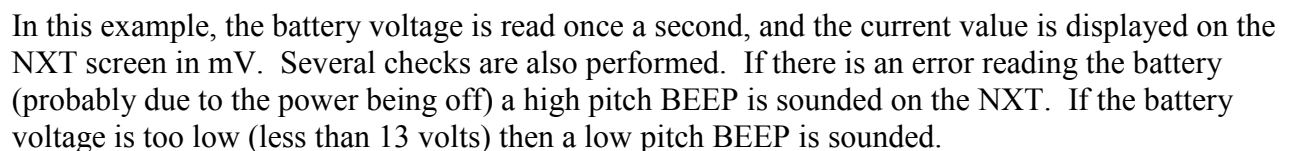


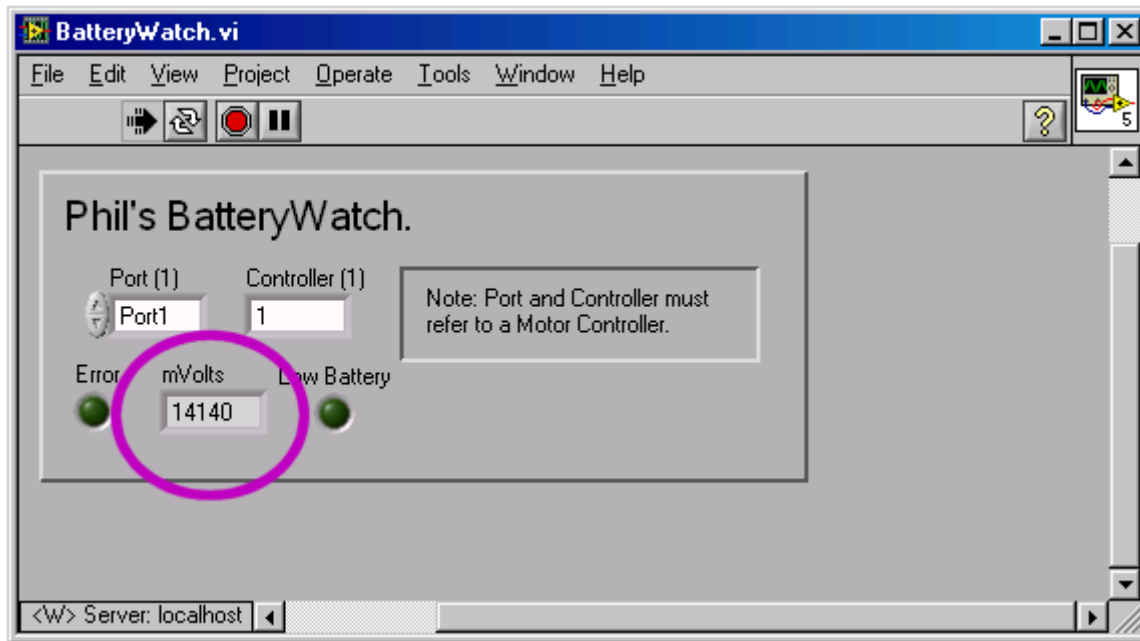
By Phil Malone. FTC 2818

ReadBatteryVoltage.vi talks to any HiTechnic Motor Controller and reads the battery level in milli-Volts (mV). There are 1000 mV in one Volt.

An example program is shown below. The ReadBatteryVoltage.vi is circled in the block diagram. It appears as a 12V Battery Icon.



If you run this program in “Diagnostic mode” while connected to your PC, then the LabVIEW display screen can also be used to see your battery status. This is shown in the image below.



The two files associated with this paper are:

- | | |
|-----------------------|--|
| BatteryWatchSample.vi | A sample LabVIEW program demonstrating the use of ReadBatteryVoltage vi. |
| ReadBatteryVoltage.vi | A LabVIEW vi for reading FTC battery voltage.
This vi may be placed in your robot project folder, or in the FTC Toolkit folder. |