Virtual Color Mixer

Description

This example uses three potentiometers and reads the values of them on the serial monitor. We will be using the code provided under the examples on the Arduino* IDE 1.5.3.

Hardware

- Intel® Galileo
- Breadboard
- 3 Potentiometer
- Wires

Instructions

1. Place the potentiometer on the breadboard. *(see circuit below)*
2. Connect a wire from GND on the Galileo to the Ground strip on the bread board.
3. Connect a wire from 5V on the Galileo to the 5V strip on the bread board.
4. Connect pin 1 on the potentiometers to ground strip. *(see circuit below)*
5. Connect pin 3 on the potentiometers to 5V strip. *(see circuit below)*
6. Connect pin 2 on the potentiometers to A0, A1, and A2.
7. Connect power supply to the Galileo and USB to USB Client Port on the Galileo.
8. Open Arduino IDE under Tools → Board select Intel® Galileo
9. Under Tools → Serial Port select the Com # where the Galileo is connected to.
10. Under File → Examples → 04.Communication and select the "VirtualColorMixer" example.
11. Upload to the Galileo by clicking the upload button.
12. Monitor the value of the potentiometers in the Serial Monitor.

Circuit