Analog Input

Description

This example uses a potentiometer as an input output device to control the blinking rate of the LED. We will be using the code provided under the examples on the Arduino* IDE 1.5.3.

Hardware

- Intel® Galileo
- Breadboard
- Potentiometer
- Wires
- 1 LED

Instructions

1. Place the potentiometer on the breadboard. *(see circuit below)*
2. Connect pin 1 on the potentiometer to GND on the Galileo board. *(see circuit below)*
3. Connect pin 2 on the potentiometer to A0 on the Galileo board. *(see circuit below)*
4. Connect pin 3 on the potentiometer to 5V on the Galileo board. *(see circuit below)*
5. Connect the positive side of the LED to pin-out 13 on the Galileo board.
6. Connect the negative side of the LED to GND pin-out on the Galileo.
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 → 03.Analog and select the "AnalogInput" example.
11. Upload to the Galileo by clicking the upload button. 

Circuit