SETUP GUIDE

Welcome to the **Hacking Smart Electronics** workshop at OSCON 2015! It should be a fun few hours learning about and hacking together physical prototypes with a micro-controller and electronics.

To make the most of our time (and, bandwidth), it's best if you can install some software before you arrive. The three main steps are outlined to the right.

For the workshop, we'll be using the **Trinket** micro-controller from Adafruit. If you've heard of the wildly popular **Arduino**, the Trinket is much smaller, but uses the same software as the Arduino, called the Arduino IDE (Integrated Development Environment).

If you're not a developer, this might sound daunting, but it's really a lot like using Word or InDesign to express design ideas. The IDE just helps you design for a micro-controller. In fact, the process is called "sketching."

If you have difficulties with setup or other questions, feel free to contact me online (twitter: @robertgallup, email: bob@robertgallup.com).

I'll look forward to seeing you at the workshop!

Bob

1

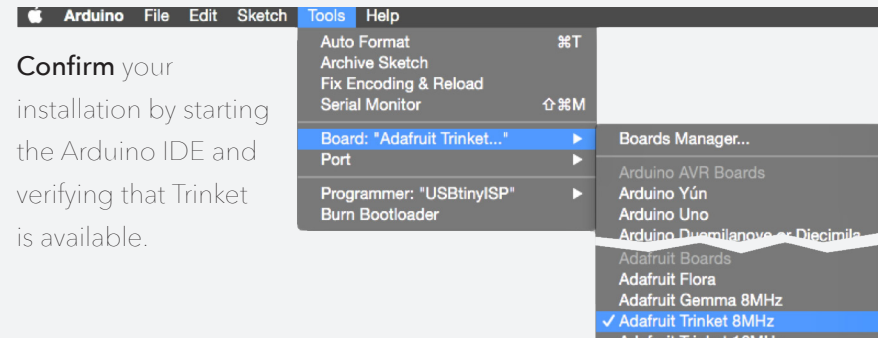Locate the installation instructions on the **Adafruit website** (https://learn.adafruit.com/adafruit-arduino-ide-setup/arduino-1-dot-6-x-ide)

2

Follow the "**Easy Installation**" instructions and download the Arduino version for your operating system*.

3

Confirm your installation by starting the Arduino IDE and verifying that Trinket is available.

* NOTES: You can also use the "Super Easy Installation" instructions if you prefer, or if you already have the most recent version of Arduino installed. On Windows, you don't have to install the Flora driver. If you're using Linux, you may find the following post helpful: http://planfully.com/install-arduino-ubuntu