The Arduino IDE

IN ORDER TO GET YOUR REDBOARD UP AND RUNNING, you'll need to download the newest version of the Arduino software from **www.arduino.cc** (it's free!). This software, known as the Arduino IDE (Integrated Development Environment), will allow you to program the RedBoard to do exactly what you want. It's like a word processor for coding. With an internet-capable computer, open up your favorite browser and type the following URL into the address bar:

DOWNLOAD THE SOFTWARE HERE: arduino.cc/downloads

1. DOWNLOAD AND INSTALL ARDUINO IDE

Select the installer option appropriate for the operating system you are using. Once finished downloading, open the file and follow the instructions to install.

2. INSTALL USB DRIVERS

In order for the RedBoard hardware to work with your computer's operating system, you will need to install a few drivers. Please go to **www.sparkfun.com/ch340** for specific instructions on how to install the USB drivers onto your computer.

3. CONNECT THE REDBOARD TO A COMPUTER

Use the USB cable provided in the SIK to connect the RedBoard to one of your computer's USB inputs.