

If you've ever programmed an Arduino, you've asked yourself...

How do I blink more than one LED?

(At the same time? At different speeds?)

Using timers, you can have multiple repeating events happening at the same time. As you know, this is very hard to do using `delay()`. The timer-scheduler library is for *fairly accurate, low speed timing* of Arduino functions. The timer-scheduler library can give the appearance of multiple channels of independent activity. It looks kind of like multitasking.

The timer-scheduler library for Arduino is in beta. If you'd like to find out if it's for you, or if you have Arduino problems that might be helped by good timing, come to the *intro to the timer-scheduler* workshop, by Ed Bennett (sbennett@saic.edu). We will install the library and then blink more than one LED at a time. The workshop will meet twice in the Art and Technology department conference room, McLean rm 435.

Monday Nov. 8th at 4:30PM

&

Thursday Nov. 11th at 4:30PM

The library is available for download on Google code at <http://code.google.com/p/timer-scheduler/downloads/list>



and a video of several channels of output running together is at <http://kineticsandelectronics.com/node/123>

