

Announcements

■ Important Dates

- Final Assignment 8 Due Tonight
 - If you turn it in tonight, your score is multiplied by 1.08.
 - If you turn it in by tomorrow night, then there's no penalty, but there's no bonus either.
- Final Exam is June 12th at 3:30pm in Gates B01 and Nvidia Auditorium.
 - Will cover all material taught in Lectures 1 through 28 (through my systems principles lecture) in depth, and will expect surface understanding of the nonblocking I/O material I started last Friday and taught this past Monday and today.
 - Exam is closed notes, closed book, closed computer, but you can bring and refer to two 8.5" x 11" sheets of paper with as much as you can cram onto their four sides, front and back.

Announcements

■ Today's Lecture

- Nonblocking I/O and event-driven programming (**epoll**, **kqueue**, and **libev/libuv** packages), cross-language compilation, the [Tornado](#) web server, [node.js](#) and Google's [V8](#) engine.
 - Discuss the **epoll** suite of functions: **epoll_create**, **epoll_ctl**, and **epoll_wait**.
 - Discuss the difference between edge-triggered and level-triggered events.
 - Implement an event-driven HTML server using nonblocking I/O in one process and one thread of execution that makes efficient use of the CPU.