

Announcements

■ Assignments

- Assignment 3 is was due last night, just before midnight, and tomorrow night is the hard deadline, as per my late policy.
- Assignment 4 will go out after tomorrow evening's midterm. I want you to focus on the midterm and not be flustered by other CS110 obligations.

■ Today

- I still have several examples from those slide decks posted last [Monday](#) and last [Wednesday](#).
- The initial part of today's lecture will be spent reviewing the **condition_variable_any** class and why it's preferable to the busy-waiting solution we first came up with to prevent deadlock.
- We'll recognize the **condition_variable_any** approach as one that provides atomic increment and decrement on a nonnegative count that tracks some limited resource, where any attempt to decrement 0 blocks until some other thread increments it to 1.
- I don't want to introduce any new examples in today's slide deck, because I don't see us getting to them before this Wednesday at the earliest.

■ Remember that...

- I have mercurial repositories up for virtually all coding examples used in lecture.
- All C++ threading examples all reside within `/usr/class/cs110/spring-2015/lectures-examples/threads-cpp`.