

Slide 1

## Administrivia

- Reminder: Project proposals due today.

Slide 2

## Minute Essay From Last Lecture

- (Many people were apparently as uncomfortable as I am with languages that aren't strongly typed, though those who had used them indicated that they did sometimes help with getting something going quickly?)

### Full-Screen Text-Mode Programming

Slide 3

- As you know(?), the C standard library defines text input/output via “streams”, but these are line-oriented.
- But some of the text-mode programs you’ve used or I’ve talked about (text editors and `mutt`) allow for other kinds of text I/O.
- How do they do that? various ways, none portable in the sense of working with all standard-conforming implementations of C, but the `ncurses` library is fairly standard in UNIXworld.
- (Examples.)

### Minute Essay

Slide 4

- None really — just sign in.