

Slide 1

## Administrivia

- Reminder: Project proposals due.

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## More Real-World(?) Examples — Locally-Written Admin Scripts

- (Script to find users over quota and send them mail.)
- (Script to back up directories on Pandora01.)
- (I won't put these on the Web but will mail copies to anyone who wants one.)

### More Real-World(?) Examples — Scripts

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- Scripts I use to help me with grading programming assignments — split up mailbox file into individual messages, put each in a folder with a name based on “from” line, compile, test, etc. Commands used include `formail`, a bit of Perl.
- Scripts for computing grades and mailing results (mostly `awk`). (Yes, most people use spreadsheets for this purpose! but my approach has provided entertaining opportunities to tinker and to learn more about various tools.)

### More Real-World(?) Examples — $\LaTeX$ and makefiles

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- Makefile to automatically generate slides in different configurations (one-per-page for class, two-per-page for Web, with notes) from  $\LaTeX$  source,
- Makefile to generate HTML and PDF from  $\LaTeX$  source (for, e.g., syllabus).
- $\LaTeX$  macros that add up points for an assignment or exam, based on points for individual problems.

## Minute Essay

- We have one more real class. I'm thinking of talking about CGI scripting (somewhat in general, with examples in various languages). I think this will be review for some of you. Okay, or do you have another suggestion?

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