

15-123: Effective Programming in C and Unix

With Hunter Pitelka

Shell Scripting and Lab 1

Recitation 2
Wednesday September 3rd, 2008


hmm...

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 **15-123 Lab Information**

Lab Assignments

- None, yet

Done

Lets talk about....

Bash!

You should be able to...

- Write and Execute shell scripts
- Use (command line) variables
- Use:
 - for loops
 - if...then...elif..fi statements (including test statements)
 - switch statements
 - while/until loops
- Use cute little bash commands

Can You?

Write me a shell script!:

- count the number of lines, in all files in a given directory that have the extension .ext, that contain or match the first line of the file, with the first line not counting.
- If no path is given as the first argument, then use the current working directory
- output each file on a line as
 - filename.ext:#matchingLines
 - extra credit if you can get rid of the .ext part in filename when you print it out.

Thanks for coming!

- Office hours every M-Th in WeH 5419 (walk around, you'll find us)
- The first lab should go out.....soon?