01 – Introduction

CS 2043: Unix Tools and Scripting, Spring 2019 [1]

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Cornell University
1. Welcome

2. Why are you here?

3. The command line feels unapproachable.
   But it doesn’t have to be.

4. Getting Started Lab: go to
   http://www.cs.cornell.edu/courses/cs2043
Welcome
Why are you here?
The command line feels unapproachable.

But it doesn’t have to be.
The shell isn’t magic. So what is it?

- A really easy programming language
- A really verbose dialogue box
- Typed Commands replace clicked buttons
- Raw User Interface
Why do we still need the shell?

- Scripting and automation
- very old, very new, or very simple programs
- low-overhead, no-frills system access
The plan for this class

- Short course: 19 sessions (including this one)
- Use the course infrastructure: wash.cs.cornell.edu
- Tiny, rapid-fire assignments and quizzes
- Mix of lecture and lab time
Getting Started Lab: go to http://www.cs.cornell.edu/courses/cs2043
• Set up your account!
• Your username is your netID; your password has been e-mailed to you (from milano@cs.cornell.edu)
• Go to wash.cs.cornell.edu in a browser; click the box and then press enter twice
• Can also SSH to wash.cs.cornell.edu
• Change your password!
Homework for tomorrow:

• Log in to the server! (This will only work on campus!)
• Bring a laptop to the next class!!
• Email the TAs if you do not have a laptop that you can bring.
[1] Stephen McDowell, Bruno Abrahao, Hussam Abu-Libdeh, Nicolas Savva, David Slater, and others over the years. “Previous Cornell CS 2043 Course Slides”.