

01 – Introduction

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

Matthew Milano

January 23, 2019

Cornell University

Table of Contents

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>

Getting started lab

- 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.

References

- [1] Stephen McDowell, Bruno Abrahao, Hussam Abu-Libdeh, Nicolas Savva, David Slater, and others over the years. “Previous Cornell CS 2043 Course Slides”.