

Week 13

Announcements

- Lecture 10 assignments due Wednesday April 21
- I will rerun the grader for all GitLab Basic and Advanced assignments at the end of April 30
 - I won't check for any dates or times when I clone your repos
 - What you do with this is up to you
- Please fill out teaching evaluations!
 - I take these very seriously and they help the class evolve for future semesters
- Also think about whether or not you want to be an IA for this class in FA 2021
 - Details about this will come out soon

Lecture 12:

Staff lectures and conclusion

Staff lectures

Conclusion

Some takeaways

- Hopefully terminals and the command-line are less intimidating
- Hopefully you start version controlling things
 - Remember how easy it is to set up a local Git repo?
- If you've kept up with this course, you probably have developed a decent ability to pick up and learn new things
 - You can impress managers at internships with this power (your mileage may vary)
- The next time you run into a productivity problem on your computer, try to see if you can automate it with a script or something

Random other things

My personal dev environment

I have successfully used this in a professional setting as well

- OS: Arch Linux
- Graphical environment: i3 window manager
- Terminal emulator: rxvt-unicode
- Shell: Zshell
- Editor: Vim
- Other tools:
 - tmux (terminal multiplexer)
 - cscope (code navigation tool)
 - ncd� (ncurses disk usage)

Random other things

Take the GNU/Linux pill

- Linux distros typically revolve around free software
- Imagine an OS that doesn't force you to update and doesn't take telemetry
- smol as you want
- Lots of software also have Linux versions
- Office software: LibreOffice
- Graphics: GIMP, Krita
- Video editing: KDenlive
- [Fun list \(it's for Arch, but gives a sense of what's there\).](#)

(I know this is a hard pill to swallow since Windows has WSL and macOS is already a *nix system)

Random other things

Contact

- Feel free to contact me after the class ends!
 - Pick my brain about grad school, computers, computer architecture, gacha games, operating systems, compilers, embedded systems, and more

Questions?

Thanks for a great semester!

Good luck on finals and enjoy your summer!