Unix shell course

Bioinformatics students - please follow the links for the first part below.

Systems Biology students - please follow the links for the second part below.

Introduction to Unix shell

- 2016/17 Part II BBS Bioinformatics
- 16 Jan 2017, 15:00-17:00
- Bioinformatics Training Room, Craik-Marshall Building, Downing Site
- Alexey Morgunov

Begin here: Notes.

Exercises.

Answers to exercises. Please only check them once you have given the exercises a proper try.

Introduction to Unix shell 2

- 2016/17 Part III Systems Biology SEB module
- 8 Feb 2017, 10:00-13:00
- Bioinformatics Training Room, Craik-Marshall Building, Downing Site
- Alexey Morgunov

This short course is based on some reference style notes and exercises. Start by looking at the notes and trying to solve some exercises in parallel.

Begin here: Notes. Try to go through the Orientation exercise and understand how the most basic commands work. Even if this isn't your first time with shell, you might find it useful as a refresher.

Then attempt the Exercises. Answers to exercises. Please only check them once you have given the exercises a proper try.

Continue with Notes 2, attempting the Exercises 2. (You don't necessarily have to solve every single scripting one, it might take too long, just try a couple.) Answers 2 to exercises 2. Please only check them once you have given the exercises a proper try.

If you are done with it all, learn about Git, create a new repository on GitHub and upload your answer scripts to that repository.

License

Many of the shell scripting exercises are taken from Linux Shell Scripting Tutorial (LSST) v2.0 under a CC-BY-NC-SA license.

This is the part where I'd love to link to my personal website, but it is still work in progress, so for now I'll just leave a link to the verb conjugation resource in many languages that I built together with a friend over the past year. Lots of shell scripting was used in the process of building it, and I actually used my own course notes as reference all the time!:D