Introductory LINUX/command line training

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Motivation

Likely in priority order for most:

- **Only** way to interface with HPC resources, either locally (e.g. Hopper) or external (e.g. ACCESS) [HPC training]
- Easiest way to interact with Git repositories, although GUI methods exist [Git training]
- Many spatial geophysical datasets (e.g. reanalysis, gridded hydrology, forecasts, etc) most easily accessed/processed through command line tools [Spatial data training]
- Task automation through shell scripting

Overview

- Terminology
- Basic command line construction and commands
- Slightly more advanced command line
- Automation example for R
- Shell scripting
- High level (e.g. R) to shell functionality

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Resources

- Learning Linux (linkedin.com)
- A very quick intro to Linux (linkedin.com)
- Cornell Virtual Workshop: Overview