

Challenge 1: Terminal Navigation and Manipulating Files

Moving through the Linux directory structure is a fundamental skill. Knowing where you are and how to get to where you want to go is the first step in understanding the terminal. Once you have that mastered, learning to make/remove, edit and copy/move files in the next key step.

Step by Step Guide:

- Open up a terminal and print your working directory.
- List the contents of this directory in a long list format.
- Change directories into your Documents directory.
- Create two new directories called playground and sandbox.
- Change into the playground directory and create three files named file1, file2, and file3.
- Edit each file such that they contain some text of your choice.
- Display the contents of each file to the terminal to verify the text.
- Copy file1 to the sandbox folder and name keeping the name file1.
- Move file2 to the sandbox folder changing the name to fileA.
- Create a hard link in the sandbox folder to file3's location in the playground directory.
- Change directories to your sandbox directory.
- Remove fileA.
- Edit each of the remaining files to remove some of the text.
- Display the contents of each file to the terminal to verify the changes in text.
- Return to the playground directory. Which of these files will have changes?
- Display the contents of the files to verify.
- Remove all files in the playground directory using one command.
- Remove the playground directory.
- Remove all files in the sandbox directory and the sandbox directory itself using one command.