Cheatsheets / Learn the Command Line

## code cademy

# Navigating the File System

#### pwd Print Working Directory

The shell command pwd displays the file path from the root directory to the current working directory.

\$ pwd /Users/sonny/Downloads

#### mkdir Make Directory

The shell command mkdir is used to make a new directory in the filesystem according to its argument. If a file path is given, the new directory will be placed at the end. Otherwise, it will create a new directory in the current working directory.

\$ mkdir new-directory \$ ls old-directory new-directory

#### **ls** List

The shell command ls is used to list the contents of a directory. If no arguments are given, it will list the contents of the current working directory.

\$ ls Desktop resume.pdf photo.png

#### cd Change Directory

The shell command cd is used to move throughout the filesystem of a computer. It accepts a variety of arguments:

Full file paths.

Names of children of the current directory.

.. the parent of the current directory.

#### \$ cd some-directory \$ cd ..

A computer's filesystem organizes the data stored by a computer, so that it can be easily retrieved by the user. Files are generally represented in a tree-like structure, in which any parent directory can have any number of children. The root directory is then found at the base of the tree.

### **Filesystem Structure**

#### touch Create New File

The shell command touch creates a new file in the current working directory with the name provided.

\$ touch grocery-list.txt

6/25/22, 15:45 1 of 2

#### **The Command Line**

code cademy

The command line allows a user to navigate the filesystem and run built-in programs or custom scripts. In Unix, the command line interface is called Bash, and the shell prompt is the \$.

#### **Helper Commands**

Helper commands for the command line include:

\$

2 of 2 6/25/22, 15:45