Shell

https://swcarpentry.github.io/shell-novice/04-pipefilter.html

Program that takes commands from the keyboard and gives them to the OS to perform

File System

Flags

* - r
* - n: numeric

Commands

* Wc
* Cat
* Head

Wildcard

* \* can take the place of a number of characters
* ? can take the place of one character

Telling shell to store output in files

Example

$ head -n 3 animals.csv > animals-subset.csv

$ tail -n 2 animals.csv >> animals-subset.csv

1. The first three lines and the last two lines of animals.csv

Passing output of one command as input to another

Diagram

Description automatically generated

Shell Script: .sh

Use `bash` before running it

* “$1” means first argument on the command line
* Save shell commands in a file