Exercises and answers about Data Wrangling

Questions

Q1: What is the command we use to find a file in the file directory?

Q2: What is the command we use to find a text in files?

Q3: Let's say you wrote a command using *ffmpeg* before in your shell. How can you find it?

Q4: What is AWK?

Q5: How can you create multiple directories in one line? What is the command if you want to create directories aa, ab, ac, .. up to az?

Answers

A1: We use the *find* command. There are a lot of flags for find. For example, if we want to search the current and child directories for files starting with *hel*, we write `find . -name hel* -type f`. If we want to search for directories, we use *d* instead of *f* at the end.

A2: We use *grep*. `grep text file.txt`.

A3: We can use *history* command to see the previous commands we write. If we use that command with *grep* we can find it. `history | grep "ffmpeg"`.

A4: AWK is a column based stream editor. It is also a programming language and it can be used for many things. However, the main goal and use case for AWK is data manipulation/extraction, text processing and generating reports.

A5: mkdir a{a..z}