

Notes 6:

Each of the commands used for handling text files

Awk

Definition

Awk is a scripting language used for processing and displaying text.

Usage

```
awk + option + {awk command} + file + file to save (optional)
```

Examples

- Basic Example:
 - `awk {print $1}' ~/Documents/Csv/cars.csv`
 - Print of first field of /etc/passwd file
 - `awk -F: '{print $1}' /etc/passwd`
 - Print the last field of /etc/passwd file
 - `awk -F: '{print $NF}' /etc/passwd`
-

Sed

Definition

SED is a stream editor that performs operations on files and standard output.

Usage

```
sed options + sed script + file
```

Examples

- Basic Example
 - `sed 's/pizza/rice/' shopping-list.lst`
 - Replacing string on a range of lines
 - `sed '1,3 s/pizza/rice/' shopping list.lst`
 - Replacing string on a specific line number
 - `sed '3 s/pizza/rice/' shopping-list.lst`
-

Less

Definition

less command is a shows the linux terminal pager that shows a file's contents one screen at a time.

Usage

`less -`

- Forces less to open non-regular files (a directory or a device-special file).
 - `less -f`
 - less automatically exits upon reaching the end of file.
 - `less -E`
 - Removes all highlights from strings found using search.
 - `less -G`
-

Alias

Definition

alias allows you to configure a single word to serve as an alias for a command number

Usage

`alias`

Examples

- Alias using absolute path.
 - `alias frename='Example/Test/file_rename.sh'`
 - Alias to create a temporary one.
 - `alias c='clear'`
 - This displays the list in a format suitable for input to the shell
 - `alias -p`
-