# Shell Befehle

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| Zeichen | Beschreibung | Kommentar |
| $ | Prompt | System is ready for input |
| pwd | Print working direction | command is printed to your standard output |
| Ls | List | print out of all the contents in the directory |
| ls -l |  | list of files that contains information similar to what we would find in our Finder (Mac) or Explorer (Windows): the size of the files in bytes, the date it was created or last modified, and the file name. |
| -h  z.B. ls -lh |  | Works just in combination  use unit suffixes: Byte, Kilobyte, Megabyte, Gigabyte, Terabyte and Petabyte in order to reduce the number of digits to three or less using base 2 for sizes |
| Cd | Change directory | Changeing directorys or go to root if you just tipe "cd" |
| cd - |  | To switch back and forth between two directories |
| Cd .. |  | Switch back to the directory before |
| xdg-open . |  | Open in linux the explorer |
| Man | Manual |  |
| q | Quit |  |
| Rm | Remove |  |
| Mkdir | make directories |  |
| Cat |  | read the text of the first file |
| Head  Tail |  | Just show the a quick glimpse of the first or the last part (10 lines) of a file.  To show a specific number for example 20:  head -n 20 will print 20 lines |
| ?  \* | wildcards | ? matches exactly one character  \* matches zero or more characters |
| mv | move | giving it the old name as the first argument and the new name as the second argument  **If the last argument you give to the mv command is a directory, not a file, the file given in the first argument will be moved to that directory.** |
| Cp | copy | command takes two arguments: the old name and the new name |
| echo |  | command simply prints out a text you specify. |
| Rm -r |  | delete folders with all their content. |
| Wc | Word count |  |
| Wc -l | Word count der lines |  |
| > |  | Output in file not in the terminal wc -l \*tsv > lengths.txt |
| | | Pipe | Multiple arguments in one line wc -l \*.tsv | sort -n | head -n 1 Liste anzahl Zeilen aller .tsv Dateien, diese werden aufsteigend sortiert, grösste Zahl davon ausgeben |
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