

# Terminal Cheatsheet

Letters are shown capitalized for readability only.

## SHORTCUTS

Key/Command	Description
Ctrl + A	Go to the beginning of the line you are currently typing on.
Ctrl + E	Go to the end of the line you are currently typing on.
<b>Ctrl + W</b>	Cut one word backwards using white space as delimiter
Ctrl + Y	Paste whatever was cut by the last cut command
<b>Ctrl + C</b>	Kill whatever you are running. Also clears everything on current line
Ctrl + _	Undo the last command.
Ctrl + B	Move cursor one character backward
Option + →	Move cursor one word forward
Option + ←	Move cursor one word backward
<b>Tab</b>	Auto-complete files and folder names
Up/down arrow	Navigate recent commands

## CORE COMMANDS

Key/Command	Description
cd [folder]	Change directory e.g. <code>cd Documents</code>
cd OR cd ~	Home directory ('~' is automatically substituted for home directory)
cd /	Root of drive
cd ..	Previous directory ('..' is previous directory. 'cd ../../' goes back twice)
ls	List files in current directory
ls -a	List files including hidden files
ls -lh	List files with file sizes
sudo [command]	Run command as an admin (Super User DO)
open [file]	Opens a file ( as if you double clicked it )
vim [file]	Opens the file using the vim editor or creates new file
clear	Clears the screen
!!	Execute the last command typed
!!:p	Print to the console the last command typed

## CHAINING COMMANDS

Key/Command	Description
A; B	Run command A and then B, regardless of success of A
A && B	Run command B if A succeeded
A    B	Run command B if A failed
A &	Run command A in background
A   B	Run command A and pass the result to command B
A > [file]	Run command A and save output into a file

## FILE MANAGEMENT

Key/Command	Description
touch [file]	Create a new file (use vim [file] whenever possible)
mkdir [dir]	Create new directory
pwd	Full path to working directory
rm [file]	Remove a file, e.g. <code>rm data.tmp</code>
rm -r [dir]	Remove a directory and contents
rm -f [file]	Force removal (use <code>rm -rf</code> for directories)
cp [file] [newfile]	Copy file to file
cp [file] [dir]	Copy file to directory
mv [file] [newfile]	Move/Rename, e.g. <code>mv file1.ad /tmp</code>

## HELP

Key/Command	Description
[command] -h OR info [command]	Offers help
man [command]	Show the help manual for [command]
whatis [command]	Gives a one-line description of [command]