

# Single Page CLI Cheatsheet For macOS

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## Invoking

Click Terminal.app	in Utilities folder of Applications folder in Finder
Click into	click next to percent sign %, the prompt

## Orientation and Navigation

pwd	show the current directory
cd	change to home directory, Users/yourname in Finder
cd dirname	change to the named subdirectory of current directory
cd ..	change to the parent directory
cd ../dirname	change to the named directory under the parent directory
open /Applications/appname.app	open the appname in the Applications folder
directory folder	used interchangeably

## Inspection

ls	show the names of files
ls -l	show the names, size in bytes and dates of files
open .	see files in current folders in Finder

## Changing files

touch filename	create an empty file if it doesn't exist
touch filename	change an existing filename to current date and time
mkdir dirname	create a new directory under current directory

cp filename1 filename2	create an independent copy of a file
mv filename1 filename2	rename a file
mv filename ..	move filename to its parent directory
rm filename	remove a filename without confirmation
rm -i filename	remove filename, with confirmation
rm -rf dirname	remove a directory and all its files without confirmation

⚠️DANGER!! ⚠️

sudo command	execute commands with administrator privileges—use with caution
open -e filename	open filename in its default application
open -u https://juliamapping.com/cli-macos_cheatsheet.pdf	open this cheatsheet in default browser

## Miscellaneous

date	display the system date and time
cal	display a calendar of the current year
cal -m month	display a calendar of specified month by name, abbr or number

## File Attributes

Permissions	Owner	Group	Size	Last modified	File name
-rw-r--r--@ 1 technocrat staff 22652 Aug 6 01:47 myplot.svg			22652	Aug 6 01:47	myplot.svg
drwxr-xr-x 9 technocrat staff 288 Jul 26 01:41 objs			288	Jul 26 01:41	objs

- Not set  
d Directory  
r Read  
w Write  
x Execute

Always the same on a single user system

Bytes

.svg = extension