

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!!	<i>Never</i> enter <code>sudo rm /</code> because it will remove all files on your computer
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
<code>-rw-r--r--@</code> <code>drwxr-xr-x</code>	<code>1 technocrat</code> <code>9 technocrat</code>	<code>staff</code> <code>staff</code>	<code>22652</code> <code>288</code>	<code>Aug 6 01:47</code> <code>Jul 26 01:41</code>	<code>myplot.svg</code> <code>objs</code>
- Not set d Directory r Read w Write x Execute	Always the same on a single user system		Bytes	.svg = extension	