eza Modern ls replacement

START HERE

eza
List the folder

eza -l --git
Show git status

eza -l
Long view

eza -l -s size
Sort by size

eza -la
Long, with hidden

eza -l --icons
Add file icons

eza -T
Tree view

eza -D
Directories only

Pick entries dir or files → `-a -D -f -I -L` → **Order** name by default → `-s -r --group-directories-first` → **Layout** grid, -1, -l, -T → `-h -g --git --time-style` → **Decorate** colour, icons → `--color-scale --icons`

CONCEPTS

eza is a modern ls replacement: most ls flags (-l -a -R -r -d -1) work the same. Differences: sizes are human-readable by default, -h adds a header row (not human sizes), and -s sorts by a named field.

Colour, icons and hyperlinks default to auto: they switch off when output is piped. Force with --color=always or --icons=always.

Common setup: alias ls=eza and alias ll='eza -lah --git --group-directories-first'.

LISTING

eza
List the current folder as a grid

eza *<path>*...
List given folders or files

eza -1
One entry per line

eza -a
Show hidden files

eza -aa
Also show the dot entries

eza -R
Recurse into folders

eza -d *<dir>*
List a folder itself, not contents

eza -x
Grid sorted across, not down

eza -F
Add type marks (/ * @)

eza -w *<cols>*
Set the width used for layout

eza --stdin
Read file names from stdin

LONG VIEW

eza -l
Permissions, size, owner, date

eza -lh
Add a header row

eza -lg
Add group column

eza -l --smart-group
Group only if it differs from owner

eza -lb
Binary size prefixes (KiB)

eza -lB
Sizes in bytes

LONG VIEW (cont.)

eza -lo
Octal permissions

eza -li
Show inode numbers

eza -lH
Show hard link counts

eza -lS
Show allocated blocks

eza -l@
Show extended attributes

eza -lZ
Show security context

eza -lX
Dereference symlinks

eza -l --no-permissions --no-user
Hide those columns

eza -l --no-filesize --no-time
Hide size and time columns

Long view columns

Column	Meaning
Permissions	type + rwx for user, group, other
Size	human-readable unless -b or -B
User / Group	owner; group needs -g
Date	modified unless -t is set
Git	status marks with --git

TREE

eza -T
Tree of the current folder

eza -T -L *<depth>*
Limit tree depth

eza -T -D
Tree of folders only

eza -T -I '*<glob>*|*<glob>*'
Skip names matching globs

eza -T --git-ignore
Skip files ignored by git

eza -lT
Tree with long details

eza -R -L *<depth>*
Recurse with a depth limit

eza -T --total-size -l
Recursive size of each folder

SORTING AND FILTERING

eza -s *<field>*
Sort by a named field

eza -r
Reverse the order

eza -s size -r
Largest first

SORTING AND FILTERING (cont.)

eza -s modified
Oldest to newest

eza -s extension
Group by file extension

eza -s Name
Sort by name, uppercase first

eza --group-directories-first
Folders before files

eza --group-directories-last
Folders after files

eza -D
Only folders

eza -f
Only files

eza -I '*<glob>*|*<glob>*'
Ignore names matching globs

eza --git-ignore
Hide files listed in .gitignore

eza --no-symlinks
Hide symbolic links

eza -D --show-symlinks
Show links even when filtering

-s takes one of: name, Name, size, extension, Extension, type, modified, accessed, changed, created, inode, none. Capitalised variants sort uppercase first.

GIT AND TIME

eza -l --git
Git status column per file

eza -l --git-repos
Status of nested repositories

eza -l --git-repos-no-status
Mark repos without status (faster)

eza -l --no-git
Turn git columns off

eza -l -t *<field>*
Show modified, changed, accessed or created

eza -l -u / -U / -m
Accessed / created / modified time

eza -l --time-style=*<style>*
default, iso, long-iso, full-iso, relative

eza -l --time-style='+%Y-%m-%d'
Custom strftime format

GIT AND TIME (cont.)

Git column: two marks per file (staged, working tree), such as - clean, N new, M modified, D deleted, I ignored.

COLOUR AND ICONS

eza --icons
Icons next to names

eza --icons=always
Keep icons when piping

eza --color=never
Plain output

eza --color=always | less -R
Keep colour in a pager

eza -l --color-scale=size
Colour a field by level

eza -l --color-scale=age
Colour by file age

eza -l --color-scale-mode=fixed
Fixed colours instead of a gradient

eza --hyperlink
Make names clickable links

Icons need a Nerd Font in the terminal. Colours can be customised with EZA_COLORS (and LS_COLORS).

Config via environment: EZA_COLORS, EZA_ICON_SPACING, EZA_MIN_LUMINANCE, EZA_STRICT, EZA_ICONS_AUTO. See man eza.

RECIPES

Everyday long listing

```
alias ll='eza -lah --git --group-directories-first'
ll src/
```

Project overview, no clutter

```
eza -T -L 2 --git-ignore -I 'node_modules|target'
# add -l --git to see status per file
```

Biggest files first

```
eza -l -s size -r -f --total-size | head
```

Recently changed

```
eza -l -s modified -r --time-style=relative | head
```