eza Modern ls replacement

START HERE

`eza`
List the folder

`eza -l --icons`
Add file icons

`eza -l`
Long view

`eza -D`
Directories only

`eza -la`
Long, with hidden

`eza -T`
Tree view

`eza -l --git`
Show git status

`eza -l -s size`
Sort by size

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

LISTING (cont.)

`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

`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

LONG VIEW (cont.)

`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

TREE (cont.)

`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

`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

SORTING AND FILTERING (cont.)

-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 -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 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 --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

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

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
```