# eza Modern ls replacement

**START HERE**

**eza**
List the folder

**eza -l**
Long view

**eza -la**
Long, with hidden

**eza -T**
Tree view

**eza -l --git**
Show git status

**eza -l -s size**
Sort by size

**eza -l --icons**
Add file icons

**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

## 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
```