lsd ls with colors and icons

START HERE

`lsd`
List with colors and icons

`lsd --tree --depth 2`
Limit tree depth

`lsd -l`
Long table

`lsd -lt`
Newest last

`lsd -la`
Long, with hidden files

`lsd -lS`
Biggest last

`lsd --tree`
Tree view

`lsd --git -l`
Show git status

Config file config.yaml → **overridden by** → **Flags** --tree, -l, --sort → **render** → **Listing** colors + icons

CONCEPTS

lsd takes most ls flags, so alias ls to it. Icons need a Nerd Font in the terminal; use --icon never or --icon-theme unicode otherwise.

Flags beat config.yaml; --ignore-config skips the file entirely.

LISTING

`lsd [<path>]`
List a directory

`lsd -a`
Include hidden entries

`lsd -A`
Hidden, but not dot entries

`lsd -l`
Long table with permissions and sizes

`lsd -1`
One entry per line

`lsd -d <path>`
List the directory itself, not contents

`lsd -L`
Follow symlinks to their targets

`lsd --no-symlink`
Hide symlink targets

`lsd -F`
Append type indicators

`lsd -I <glob>`
Hide names matching a glob
Repeat the flag for several patterns.

`lsd -N`
Print names without quotes

TREE AND RECURSION

`lsd --tree`
Show a tree

TREE AND RECURSION (cont.)

`lsd --tree --depth <n>`
Tree limited to n levels

`lsd --tree -a -I .git`
Tree with hidden files, minus .git

`lsd --tree -l`
Tree with long columns

`lsd -R`
Recurse into subdirectories

`lsd -R --depth <n>`
Recurse to a limited depth

`lsd --tree --total-size`
Directory sizes in the tree

SORTING

`lsd -t`
Sort by modification time

`lsd -S`
Sort by size

`lsd -X`
Sort by extension

`lsd -v`
Natural version sort

`lsd -r`
Reverse the order

`lsd -U`
Keep directory order

`lsd --sort <key>`
Sort by size, time, version, extension or git

`lsd --group-dirs first`
Directories before files

`lsd --group-dirs last`
Directories after files

LONG FORMAT COLUMNS

`lsd -l --blocks <list>`
Pick and order columns
Comma-separated: permission, user, group, size, date, name, inode, git.

LONG FORMAT COLUMNS (cont.)

`lsd -l --header`
Show column headers

`lsd -l --size short`
Short sizes such as 1.2M

`lsd -l --size bytes`
Exact sizes in bytes

`lsd -l --date relative`
Dates like 2 days ago

`lsd -l --date '+<format>'`
Custom strftime date

`lsd -l --permission octal`
Permissions as 0644

`lsd -l -i`
Show inode numbers

`lsd -l -Z`
Show security context

`lsd --total-size -l`
Sum up directory contents

`lsd --git -l`
Show git status per file

COLORS AND ICONS

`lsd --color never`
Turn colors off

`lsd --color always`
Force colors, e.g. into a pager

`lsd --icon never`
Turn icons off

`lsd --icon-theme unicode`
Plain unicode icons, no Nerd Font

`lsd --hyperlink auto`
Clickable file names

`lsd --classic`
Behave like plain ls

CONFIGURATION

`lsd --config-file <path>`
Use another config file

CONFIGURATION (cont.)

`lsd --ignore-config`
Skip the config file

`~/.config/lsd/config.yaml`
Main config file location
colors.yaml and icons.yaml in the same folder hold overrides.

config.yaml keys

Key	Example	Effect
`layout`	tree	grid, tree or oneline
`blocks`	[permission, size, name]	Long columns
`sorting.dir-grouping`	first	Directories first
`date`	relative	Date style
`icons.theme`	unicode	Icon set
`ignore-globs`	[.git]	Always hidden

HELP

`lsd --help`
List all options

`lsd --version`
Show installed version

RECIPES

Aliases for your shell

```
alias ls='lsd'
alias l='ls -l'
alias la='ls -a'
alias lla='ls -la'
alias lt='ls --tree'
```

Project overview

```
lsd --tree --depth 2 -I .git -I
node_modules
```

What changed recently

```
lsd -ltr --date relative --
group-dirs none
```

Minimal config

```
# ~/.config/lsd/config.yaml
date: relative
sorting:
  dir-grouping: first
icons:
  theme: unicode
```