lsd ls with colors and 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.

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

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

TREE AND RECURSION

lsd --tree
Show a tree

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

TREE AND RECURSION (cont.)

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 --group-dirs first
Directories before files

LONG FORMAT COLUMNS

lsd -l --blocks *<list>*
Pick and order columns

lsd -l --header
Show column headers

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

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 -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

COLORS AND ICONS (cont.)

lsd --hyperlink auto
Clickable file names

lsd --classic
Behave like plain ls

CONFIGURATION

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

lsd --ignore-config
Skip the config file

~/.config/lsd/config.yaml
Main config file location

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
```