zoxide Smarter cd

CONCEPTS

zoxide learns the directories you cd into and ranks them by frequency and recency. Visit a directory once, then jump back with a few letters.

cd you change directory
↓ `hook adds`
Database paths with scores
↓ `keywords match`
Ranking frequency + recency
↓ `best or pick`
z / zi jump there

Only directories you have already visited are known. z does nothing useful for a path zoxide has never seen.

SETUP

`eval "$(zoxide init bash)"`
Enable in ~/.bashrc

`eval "$(zoxide init zsh)"`
Enable in ~/.zshrc, after compinit

`zoxide` **`init fish | source`**
Enable in config.fish

`zoxide` **`init`** *`<shell>`* **`--cmd`** *`<name>`*
Rename z and zi, e.g. j and ji

`zoxide` **`init`** *`<shell>`* **`--cmd cd`**
Replace cd itself

`zoxide` **`init`** *`<shell>`* **`--hook`** *`<hook>`*
When to count a visit: none, prompt, pwd

Put the init line at the end of the shell config so other prompt hooks do not override it.

JUMPING

`z` *`<keyword>`*
Jump to the best matching directory

`z` *`<kw1>`* *`<kw2>`*
Match directories containing all words

`z` *`<path>`*
Plain cd for an existing path

`z -`
Back to the previous directory

JUMPING (cont.)

`zi` *`<keyword>`*
Choose among matches with fzf

`z` *`<keyword>`* *`<Space><Tab>`*
Show interactive completions

Matching is case-insensitive and keywords can sit anywhere in the path, so z proj api often reaches ~/work/projects/api.

QUERY

`zoxide` **`query`** *`<keyword>`*
Print the best match without jumping

`zoxide` **`query -l`**
List all directories, best first

`zoxide` **`query -l`** *`<keyword>`*
List every match for a keyword

`zoxide` **`query -ls`**
List with scores

`zoxide` **`query -i`** *`<keyword>`*
Pick interactively with fzf

DATABASE

`zoxide` **`add`** *`<path>`*
Add or bump a directory by hand

`zoxide` **`remove`** *`<path>`*
Delete a directory from the database

`zoxide` **`import --from z`** *`<file>`*
Import a z, fasd, z.lua or zsh-z database

`zoxide` **`import --from autojump`** *`<file>`*
Import autojump paths (no scores)

ENVIRONMENT VARIABLES

`_ZO_DATA_DIR`
Where the database lives

`_ZO_EXCLUDE_DIRS`
Globs never to record, : separated

`_ZO_FZF_OPTS`
Extra options for fzf in zi

WITH OTHER TOOLS

`zi`
Interactive jump, needs fzf 0.51+