Atuin

Shell history, synced

Shell hook preexec / precmd → `records` → **Local DB** SQLite → `atuin sync` → **Sync server** end-to-end encrypted → `login + key` → **Other machines** same history

CONCEPTS

Atuin records each command with its directory, exit code, duration and host in a local SQLite database, so you can search by context, not just text.

Sync is end-to-end encrypted. Keep the key from atuin key safe: nobody can recover your history without it.

SETUP

`eval "$(atuin init zsh)"`
Enable in zsh (~/.zshrc)

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

`atuin init fish | source`
Enable in fish (config.fish)

`atuin init nu | save <file>`
Generate nushell init script

`atuin import auto`
Import history of current shell

`atuin import <shell>`
Import bash, zsh, fish history

SETUP (cont.)

`atuin init <shell> --disable-up-arrow`
Keep Up arrow untouched

`atuin init <shell> --disable-ctrl-r`
Keep Ctrl+R untouched

`atuin doctor`
Diagnose setup problems

SEARCH UI

`Ctrl+R`
Open search from the prompt

`Up`
Open search from the prompt

`Enter`
Run selected command

`Tab`
Paste selected command to edit

`Esc / Ctrl+G`
Cancel, keep original input

`Ctrl+R`
Cycle filter mode (inside UI)

`Ctrl+S`
Cycle search mode

`Alt+1-9`
Pick result by number

SEARCH UI (cont.)

`Ctrl+N / Ctrl+P`
Next / previous result

`Ctrl+O`
Open inspector

`Ctrl+Y`
Copy selected command

`Ctrl+A d`
Delete selected entry

Bare Enter runs immediately only if enter_accept is true; set it to false to always edit first.

SEARCH (CLI)

`atuin search <query>`
Search history, print matches

`atuin search -i <query>`
Open interactive search

`atuin search --cwd <dir> <query>`
Only commands run in a directory

`atuin search --exit 0 <query>`
Only successful commands

`atuin search --exclude-exit 0 <query>`
Only failed commands

SEARCH (CLI) (cont.)

`atuin search --after "yesterday 3pm"`
Only commands after a time

`atuin search --limit <n>`
Cap number of results

`atuin search --format "{time} {command}"`
Custom output format

Queries are prefix matches by default; use * or % as wildcards.

HISTORY AND STATS

`atuin history list`
List recorded history

`atuin history list --cwd`
Only this directory

`atuin history list --session`
Only this shell session

`atuin history list --cmd-only`
Commands without metadata

`atuin stats`
Most used commands, all time

`atuin stats week`
Stats for the last 7 days

SYNC

`atuin register -u <name> -e <email>`
Create an account

`atuin login -u <name>`
Log in on another machine

`atuin key`
Show your encryption key

`atuin sync`
Sync now

A new machine needs both the password and the key from atuin key.

CONFIGURATION

`~/.config/atuin/config.toml`
Config file

`filter_mode = "directory"`
Default scope of the UI

`search_mode = "fuzzy"`
How queries match

`inline_height = 20`
Lines used by the UI; 0 = fullscreen

`enter_accept = true`
Enter runs the command at once

`auto_sync = true`
Sync after commands