Atuin Shell history, synced

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.

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

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

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

SEARCH UI (cont.)

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

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

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

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

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

HISTORY AND STATS (cont.)

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

atuin logout
Log out of the server

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

style = "compact"
UI style: auto, full, compact

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

RECIPES

Find what failed in this project

```
cd ~/src/app
atuin search --cwd . --exclude-exit 0 --limit 20
```