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Justfile reference

All automation in this repo is a mise task (defined in the repo-root `mise.toml`), with a matching just recipe kept as a thin shim — `just X` and `mise run X` are interchangeable. This page is generated from the live justfile + mise tasks by `tools/gen-docs.py` — run `just docs-update` to refresh it.

Run from the repo root. `just` with no arguments lists everything. Tasks are defined in the repo-root `mise.toml` — every recipe is equally runnable as `mise run <task>` (the justfile is a thin shim that delegates to mise).

Top-level

Recipe	Description	Runs
<code>just full-auto</code>	Full auto installation	packages, dev-setup, cli-tools, fish-shell, helix-editor, yazi-file- manager, fastfetch
<code>just full-auto-gui</code>	Fuller auto (graphical) in- stallation	full-auto, kitty- terminal, niri-window- manager
<code>just packages</code>	(Run first unless running full-auto) Setup Flatpak, pacman mirrors, Chaotic AUR, and paru AUR helper	
<code>just systemd-niri-config</code>	Enables the systemd ser- vices for some essential niri helpers	systemd-niri-config- install, noctalia-reload
<code>just systemd-niri- config-install</code>		

Install: essentials

Recipe	Description	Runs
<code>just cli-tools</code>	Essential CLI tools from the pacman repos	
<code>just dev-setup</code>	Programming languages, runtimes, toolchains, and git	
<code>just doom-bootstrap</code>	Install Emacs + Doom: clone the framework, stow config, sync packages	
<code>just fish-shell</code>	fish shell and plugins	
<code>just helix-editor</code>		
<code>just yazi-file-manager</code>	Yazi terminal file manager and plugins	

Install: graphical stack

Recipe	Description	Runs
<code>just kitty-terminal</code>		
<code>just niri-window-manager</code>	Install niri and tools used with it	

Install: optional extras

Recipe	Description	Runs
<code>just fastfetch</code>		
<code>just herdr-plugins</code>	ghzinga's viewer binary gzg comes from mise (cargo:ghzinga).	
<code>just keybase-ssh</code>	Import the Keybase PGP key into GPG and expose it for SSH auth	
<code>just pkg-categories</code>	List the manifest categories with their package counts	
<code>just pkg-install</code>	Install this host's missing manifest packages (or one category, or all)	
<code>just syncthing-file-sync</code>		

Stow (symlink management)

Recipe	Description	Runs
<code>just stow</code>	Stow base packages + this host's overlay (hosts/\$host-name/), auto-detected	
<code>just stow-check</code>	Dry-run the stow above (shows what would change, touches nothing)	
<code>just unstow</code>	Remove all symlinks created by stow (host overlay first, then base)	

Services

Recipe	Description	Runs
<code>just services-enable</code>	Enable + start the user services this setup expects	

niri: reload helpers

Recipe	Description	Runs
<code>just caffeine</code>	Keep the screen awake (Noctalia's caffeine: no idle lock or blanking). Also on the power menu.	
<code>just ext-brightness</code>	External monitor brightness over DDC/CI: up down 0-100 (bare shows current)	
<code>just ext-display</code>	Interactive TUI for the external monitor over DDC/CI (brightness, contrast, input, presets)	
<code>just noctalia-reload</code>		

Maintenance

Recipe	Description	Runs
<code>just doctor</code>	Health check: tools present, shell, host overlay, services, mise, key symlinks	
<code>just pkg-drift</code>	Explicit installs (post day-0) not yet in the manifest or any recipe	
<code>just pkg-missing</code>	Manifest packages this host expects but lacks (setup/hosts/.categories)	
<code>just pkg-tui</code>	Interactive manifest manager: browse categories, install/remove/audit (fzf TUI)	
<code>just update</code>	Bring an existing machine fully up to date (each step best-effort)	

Docs (this site)

Recipe	Description	Runs
<code>just docs</code>	Full docs build: regenerate markdown, then PDFs + cheatsheets, then the HTML site	<code>docs-pdf</code> , <code>docs-cheatsheets</code> , <code>docs-html</code>
<code>just docs-cheatsheets</code>	Landscape cheatsheet PDFs, Catppuccin Latte (print) + Mocha (dark) variants	<code>docs-update</code>
<code>just docs-html</code>	Build the HTML site into <code>site/public/</code> (Hugo + Hextra)	<code>docs-update</code>
<code>just docs-open</code>	Open a PDF (default: the combined handbook; e.g. <code>just docs-open tmux-shortcuts</code>)	<code>docs-pdf</code>
<code>just docs-pdf</code>	Build the PDFs (per-page references + combined handbook) into <code>docs/pdf/</code>	<code>docs-update</code>
<code>just docs-serve</code>	Live-preview the docs site while editing (opens the browser once it's up)	<code>docs-update</code>
<code>just docs-setup</code>	One-time install of the docs toolchain (hugo, pandoc, typst, fonts)	
<code>just docs-update</code>	Regenerate the generated markdown blocks from <code>tmux.conf</code> , <code>binds.kdl</code> , and the justfile	

calendar

Recipe	Description	Runs
<code>just gcal</code>	Google Calendar (khal+vdirsyncer, chroncal): <code>setup</code> <code>status</code> <code>reauth</code> <code>rotate-client</code> [app]	

file-transfer

Recipe	Description	Runs
<code>just file-transfer</code>	Set up LocalSend + rsync-over-ssh receiving (packages, firewall, folder, docs)	
<code>just file-transfer-harden</code>	Harden a receiving machine: inbound SSH key-only + LLMNR off (disables passwords!)	
<code>just gdrive</code>	Google Drive mount: setup status reauth rotate-client rotate-password	