Engineer Platform

Authored 578 go-task automation targets

Authored 578 go-task automation targets spanning native, Docker and HTTPS dev modes, linting, testing, database and deployment.

2025

578

automation targets covering every way to run it

Situation. The codebase is a polyglot monorepo — Go, TypeScript, SQL, Python, shell — and every one of those brings its own way to build, test, lint and run. Left alone, that means everyone carrying a mental cheat-sheet of tool-specific commands, and newcomers spending their first day just working out how to make things go.

Task. Give the whole project one front door: a single, consistent way to run anything, whatever language it happens to be written in.

Action. That's built out with go-task — a Taskfile layer that has grown to 578 named targets, 50 in the root file and 528 in namespaced files beneath it. There are the development modes (native, Docker, an HTTPS variant for testing PWA and mobile), the code-quality side (lint, format, test, fix across all the languages), database management, and the environment-specific build and deploy tasks. There's even a low-memory mode for machines that can't spare the RAM to build the frontend the usual way. The point was never to have a lot of tasks; it was that you never have to know the underlying command.

Result. Anyone can run task –list and see the whole toolchain laid out, and run any part of it the same way regardless of what's under the hood. Onboarding got shorter, and the small, stupid mistakes — wrong flag, wrong directory, half-remembered command — mostly went away. The number is also a warning:

578 targets is past what anyone can hold in their head, so the naming and the namespacing are what keep it usable rather than the count being something to be proud of.

Bring this experience to your project

Use “Authored 578 go-task automation targets” as a starting point for a similar challenge in your organisation. The services behind this work are available for your project. Tested, released and reversible, so changes reach customers on a Tuesday afternoon rather than late on a Friday night.

Explore our services Get in touch →

Look behind the result

Read the situation, decisions and result in this example. We can discuss which parts transfer to your constraints and which need another approach. Authored 578 go-task automation targets — 578 automation targets covering every way to run it

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Want every routine task one command away?

Talk through your project with the engineer responsible for delivery. We agree the scope, price basis and handover in writing before work begins.

Role context: DevOps Engineer. It draws on DevOps, Automation & CI/CD, Testing & QA, Technical Leadership and Documentation. And while you are here, we are rather good at DevOps & CI/CD Automation and Technical Documentation.

Get in touch Explore our services

One piece of **a longer record** — and it is all on this site.

Every entry is written the same way: the situation, the task, what we did and what changed.

See the whole record

Define the improvement you need

Bring the deployment path, the operational risks and the people on call. We can scope a change with checks, a recovery route and clear ownership.

See what it costs Get in touch →

Want every routine task one command away?

Ask about the decisions behind “Authored 578 go-task automation targets”. You will speak with the people who can explain the work and assess your own project.

Explore our services

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Contact card

Carefully Crafted With Love by D.

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