



Night Shift

The Autonomous Overlord

Your projects, completed while you sleep.

The Old Way is Heavy.

- * Bulky LLM SDKs weigh down your environment.
- * Constant juggling of API keys and secrets.
- * Dependency conflicts and setup friction.



Summon the Crew.

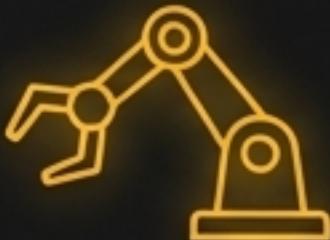
Night Shift is an **Autonomous Agent Orchestrator**.

It operates with two specialized entities:

The Brain (Director):
The strategist.
It observes, plans,
and decides.

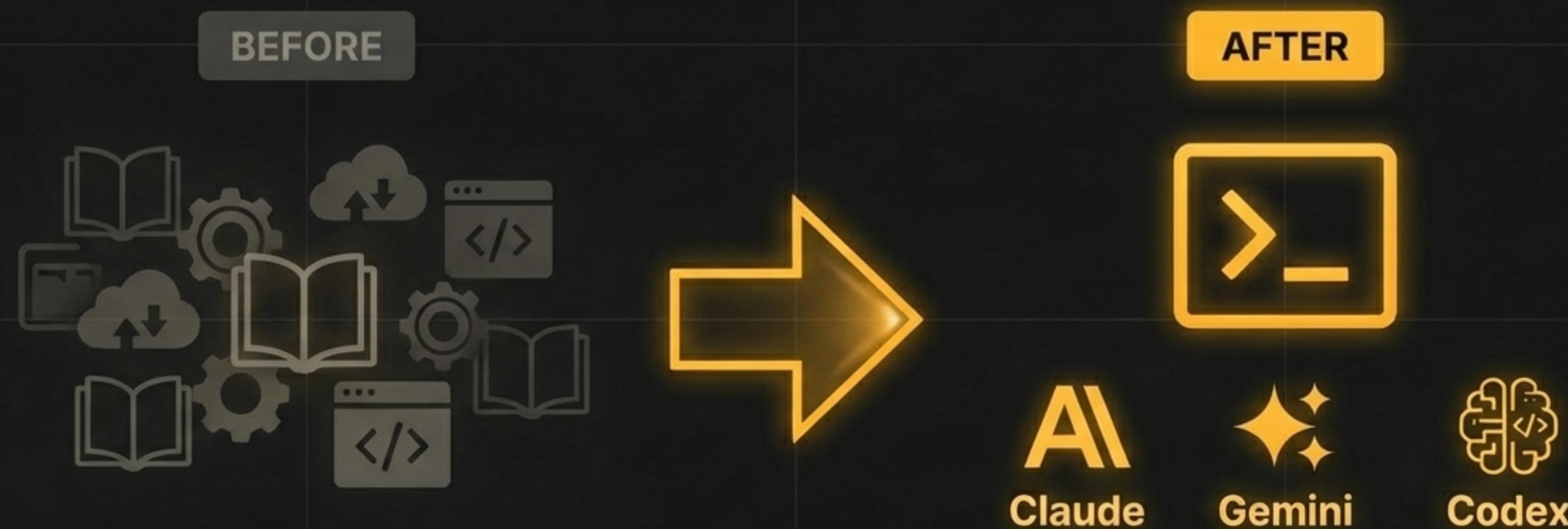


**Autonomous Agent
Orchestrator**



Hassan (Worker):
The operator. It
executes, modifies,
and builds.

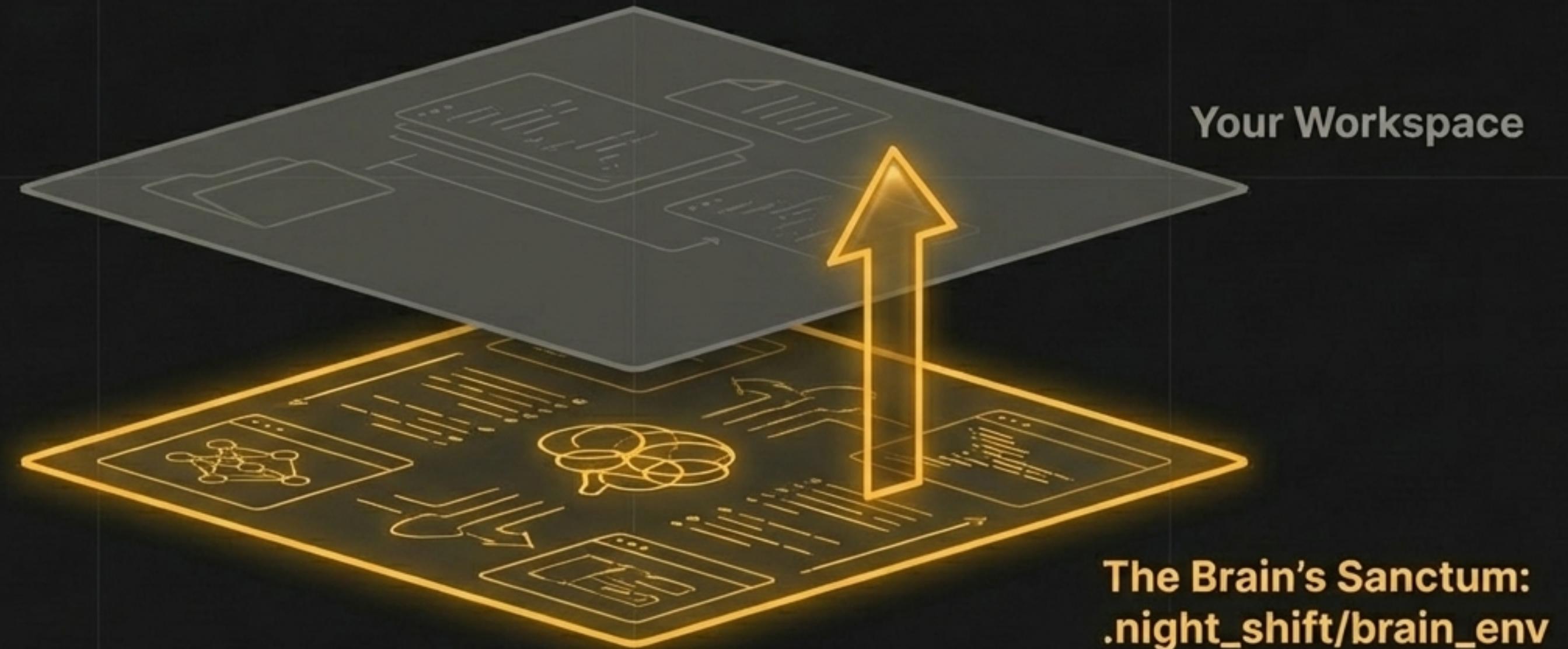
The Brain Thinks in Pure CLI.



- * We ditched the clunky API SDKs.
- * Night Shift v4.2 runs exclusively on the CLI tools you already have.
- * The Brain uses your installed `claude`, `gemini`, or `codex` CLIs directly as its intellect.
- * **Result:** More power, total isolation, and zero-SDK dependency.

The Brain Needs Its Own Room.

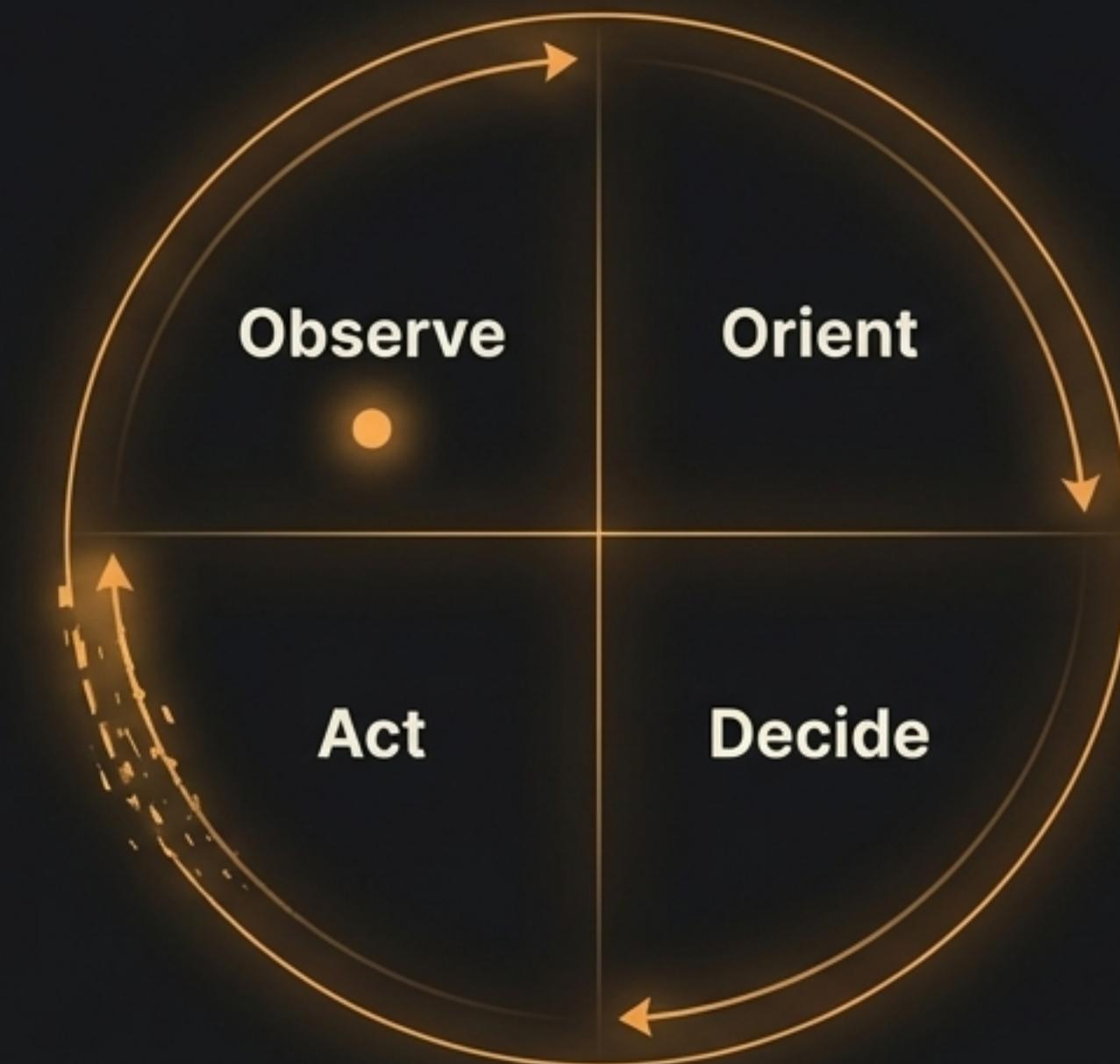
- * The Brain thinks inside its own private sanctuary: the **Shadow Workspace**.
- * Your actual project and the Brain's internal monologues never mix.
- * This is 'parallel-universe-tier' isolation.



The Brain's Sanctum:
.night_shift/brain_env

A Perfect Memory, A Fresh Start

- The Brain operates on a **Stateless OODA Loop**.
- In every cycle, it analyzes the *full context from scratch*.
- This prevents it from getting stuck on past mistakes or outdated information.



Hassan Gets Its Hands Dirty.

The Brain directs, Hassan executes. Using world-class CLI drivers, Hassan does the heavy lifting:

- Modifies your code
- Runs tests to validate changes
- Carries out the mission, step-by-step.



When the Mission Hits a Wall

API RATE LIMIT EXCEEDED

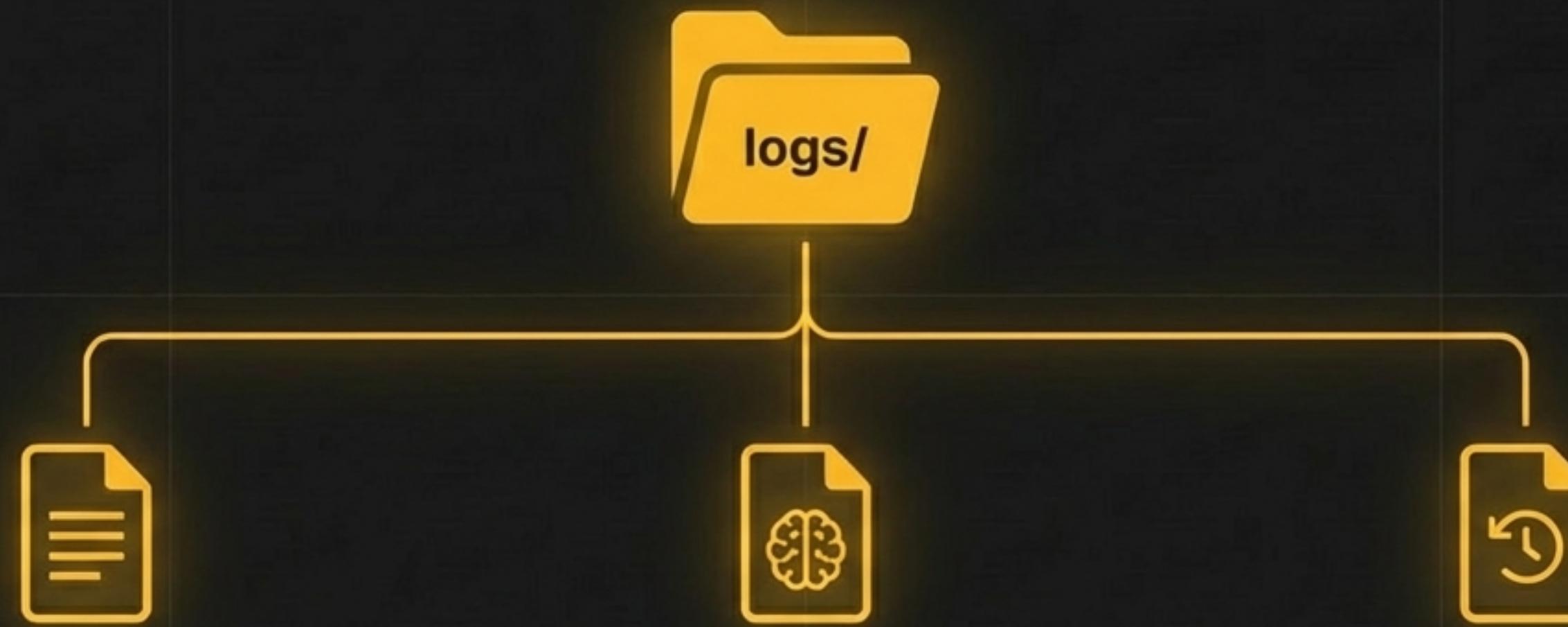


00:59:59

- Hit a quota limit? Night Shift doesn't panic.
- **The Patient Waiter** protocol engages.
- It counts down every minute, waiting persistently until the quota resets, then resumes the mission automatically.

The Secret Diaries of the Night Shift.

When the work is done, the full report is waiting.



`night_shift_log...`:
The overall runtime log.

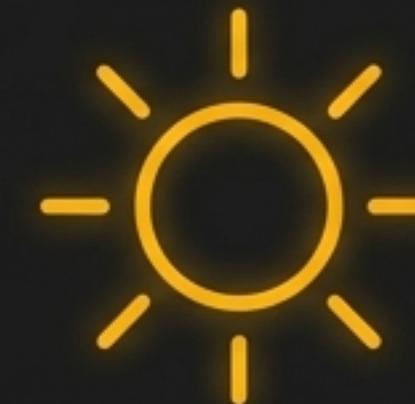
`brain_log...`: A detailed record of the Brain's strategic thinking.

`night_shift_history...`:
A complete history of the session.

Define the Mission. Wake Up to the Results.



11:00 PM
MISSION DEFINED



7:00 AM
MISSION COMPLETED ✓

- Let the Brain and Hassan take over.
- They collaborate to complete your project while you're away.
 - The night shift is now a feature.

The 'Adults Only' Rule.



This tool automatically executes agents with **file modification and deletion permissions**.

Backups are mandatory.
Night Shift loves your code, but sometimes it shows its love a bit too aggressively.

The `--dangerously-skip-permissions` flag is powerful. Double-check your `mission.yaml`.

Your First Night Shift.



1

Preparation

Log in to your preferred CLI tools. (Auth is shared seamlessly.)



2

Configuration

In `settings.yaml`, define your CLI executable paths, not API keys.



3

Launch

Define your goals in `mission.yaml` and run `night_shift.py`.

Let It Take the Night Shift For You.

Tinker with it. Contribute. Make it better.
The Overlord awaits your command.



<https://github.com/appff/NightShift>

