

## UNLOCK AGENTIC DEVELOPMENT

# Your agents build fast. Now they can ship fast too.

Coding agents like Claude Code and OpenAI Codex have transformed how software gets written. But generated code still lands in a gap: it needs a database, a cache, an API layer, real-time messaging, and a deployment pipeline before it runs in production. That gap is human, manual, and expensive. Harper closes it.

## How to Vibe Code with Harper

A unified runtime designed to receive agent output and execute it directly in production.

01

### Install Skills

Run `npm create harper@latest` to scaffold your project and give your agent full knowledge of Harper's architecture, syntax, and deployment patterns.

02

### Agent Builds

Your agent writes three files: schema, resources, config. Harper generates the database, REST API, WebSocket layer, and vector search automatically.

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### No Wiring Required

No separate database to provision. No cache to configure. No message broker to set up. One runtime handles everything within a single process.

03

### Agent Deploys

Tell your agent to deploy. Harper Fabric distributes the application globally, routes traffic to the nearest node, and replicates data automatically.

## The Problem With Backend "Stacks"

- **Fragmented stacks slow agents down**  
Multi-service architectures require glue code that agents generate inconsistently. Every handoff between services is a failure surface.
- **Infrastructure lives outside the code**  
When the database, cache, and deployment are configured separately, agents cannot control the full application surface autonomously.
- **Prototypes don't scale to production**  
Platforms optimized for speed-to-prototype hit architectural ceilings when enterprise compliance, security, and SLA requirements arrive.

## How Harper Answers Each Challenge

- **One runtime, zero seams**  
Database, cache, application logic, real-time messaging, and vector search share a single in-memory process. Nothing to wire. No drift.
- **Declarative files agents control completely**  
Schema, endpoints, business logic, and deployment configuration all live in files the agent writes. The entire application surface is agent-addressable.
- **Enterprise-proven at production scale**  
Trusted by Verizon, StubHub, and Western Union for performance-critical workloads. Open source. Deployable on Red Hat OpenShift.

### In Production:

One person built and deployed a complete AI ops assistant entirely on Harper in three days. The same workload previously required six separate SaaS services. Harper replaced all of them with a single unified runtime deployment. Without needing manually write a single line of code.

[Read the full case study](#)

### Works With Your Agents

- Claude Code
- OpenAI Codex
- Google Antigravity
- Harper Agent ([native](#)) `npm install -g @harperfast/agent`