

open source SOFTWARE FACTORIES:

Building an operating system for your agents



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STORY TIME

- phone wifi
- otter
- home lab



Home Lab

- 10 machines
- 25 services
- 0 quality

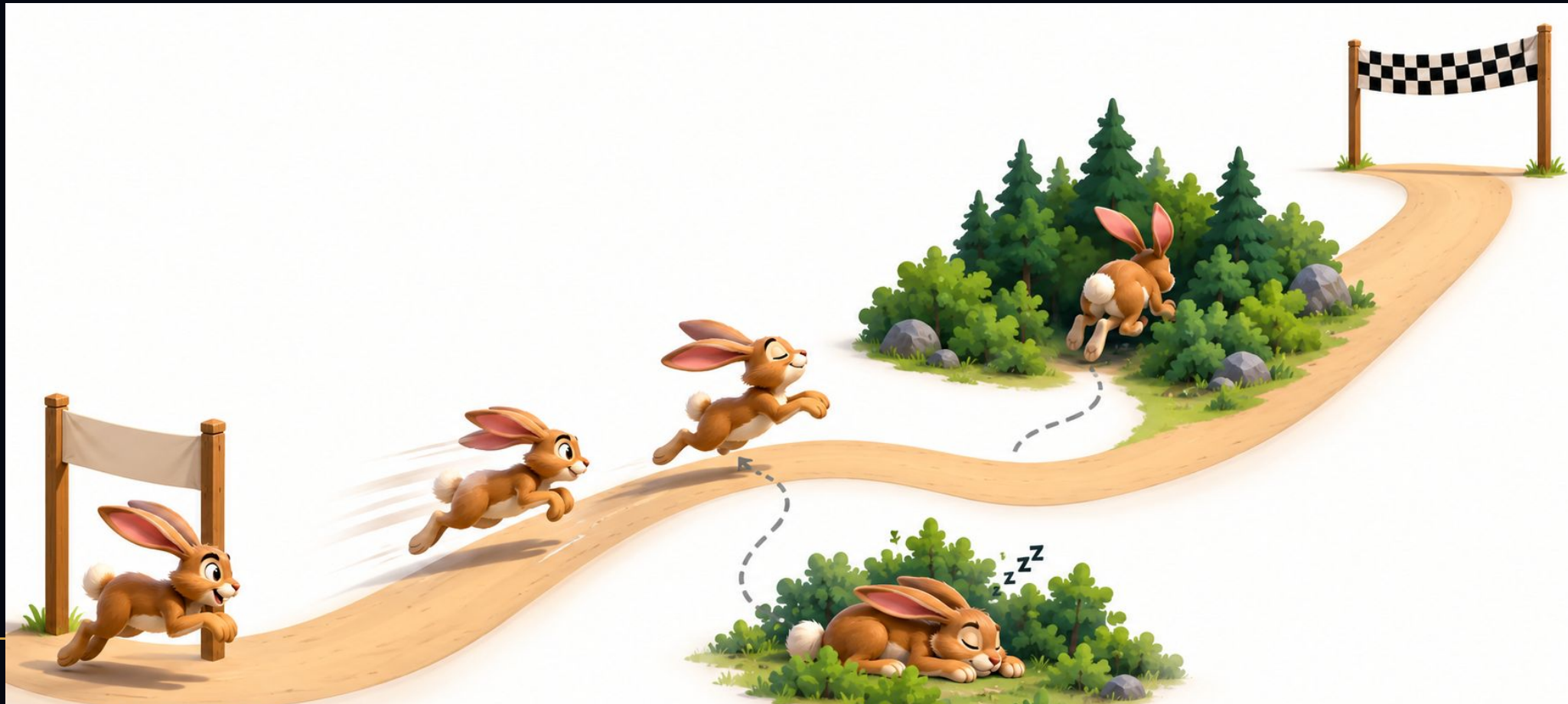
The screenshot shows a web browser window with the address bar displaying `lab.softwarefactory.bot`. The page has a navigation bar with tabs for **Machines** (10), **Services** (25), and **Backups** (10). Below the navigation bar, the **Machines** section is active, showing a summary of machine states: **All 10**, **Reachable 5**, **Check failed 0**, **Stale 0**, **Unknown 0**, and **Stopped 0**. A sub-header indicates **10 of 10 machines**.

The details for a machine named **badger** (Lenovo ThinkCentre M910q Tiny - Proxmox VE) are shown. It features a CPU usage bar chart (0-80% scale) and a RAM usage bar chart (60-70% scale). The CPU usage is currently at 40.7%. The status is **Live** as of 09:05:30 PM.

Below the machine details, there is a **CONNECT** section with an **SSH terminal** entry showing the IP address `192.168.4.70` and the text **CONNECTS AS**.

SKILL-BASED Factory

- Skills stack to form the steps
- Executed non-deterministically



orchestrator-Based Factory

- Steps laid out as workflows
- Executed deterministically



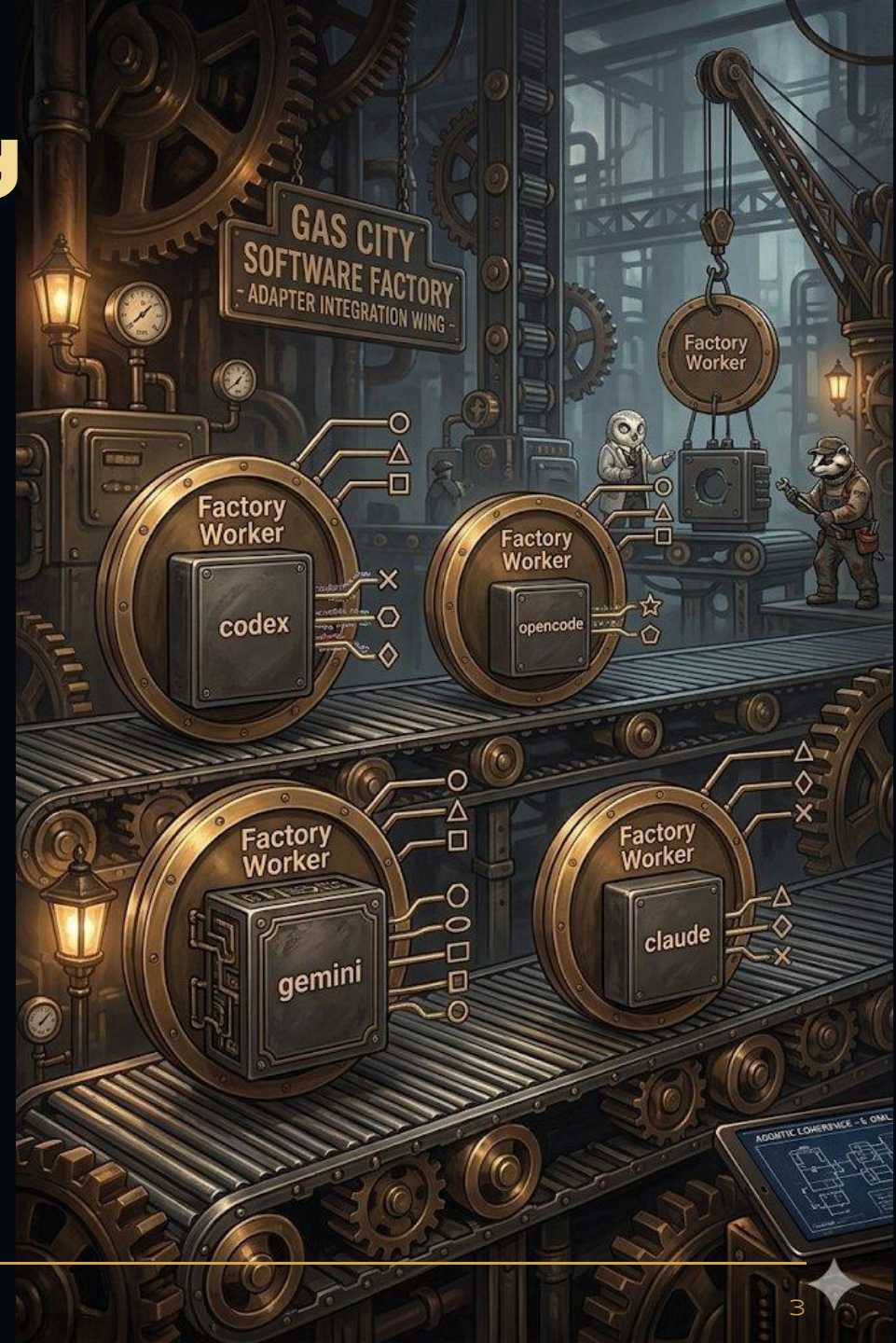
OSS: Beads + Gas City

Beads: memory upgrade for your agents

- provider-neutral task management (**work**)
- 1.7M+ downloads
- 47K+ GitHub stars (Beads+GT+GC)
- 3K+ Discord community

Gas City: the open software factory

- vendor-specific tasks => beads
- babysitting agents => orchestration
- walled garden => open
- public pack registry: registry.gascity.com



MODEL CALLS TODAY

A black and white image of a clock face. The hour hand is slightly past the 10, and the minute hand is pointing exactly at the 2. The time shown is 10:10.

ACTIVE SESSIONS
city status is partial



TOKENS / MIN

BURN · \$ / HR

24 h average · usage history exceeded the dashboard read limit

18.6M

TOKENS IN

12.6M

TOKENS OUT

17287

MODEL CALLS

\$848.92

EST. COST

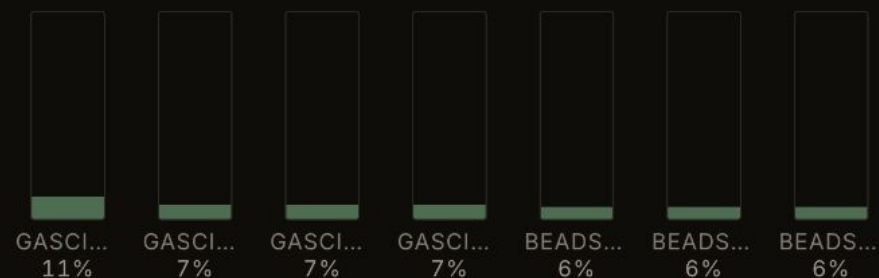
RUNS IN FLIGHT · CANONICAL STATE



QUEUED — RUNNING — WAITING — STOPPING —

run states unavailable

LIVE SESSION CONTEXT



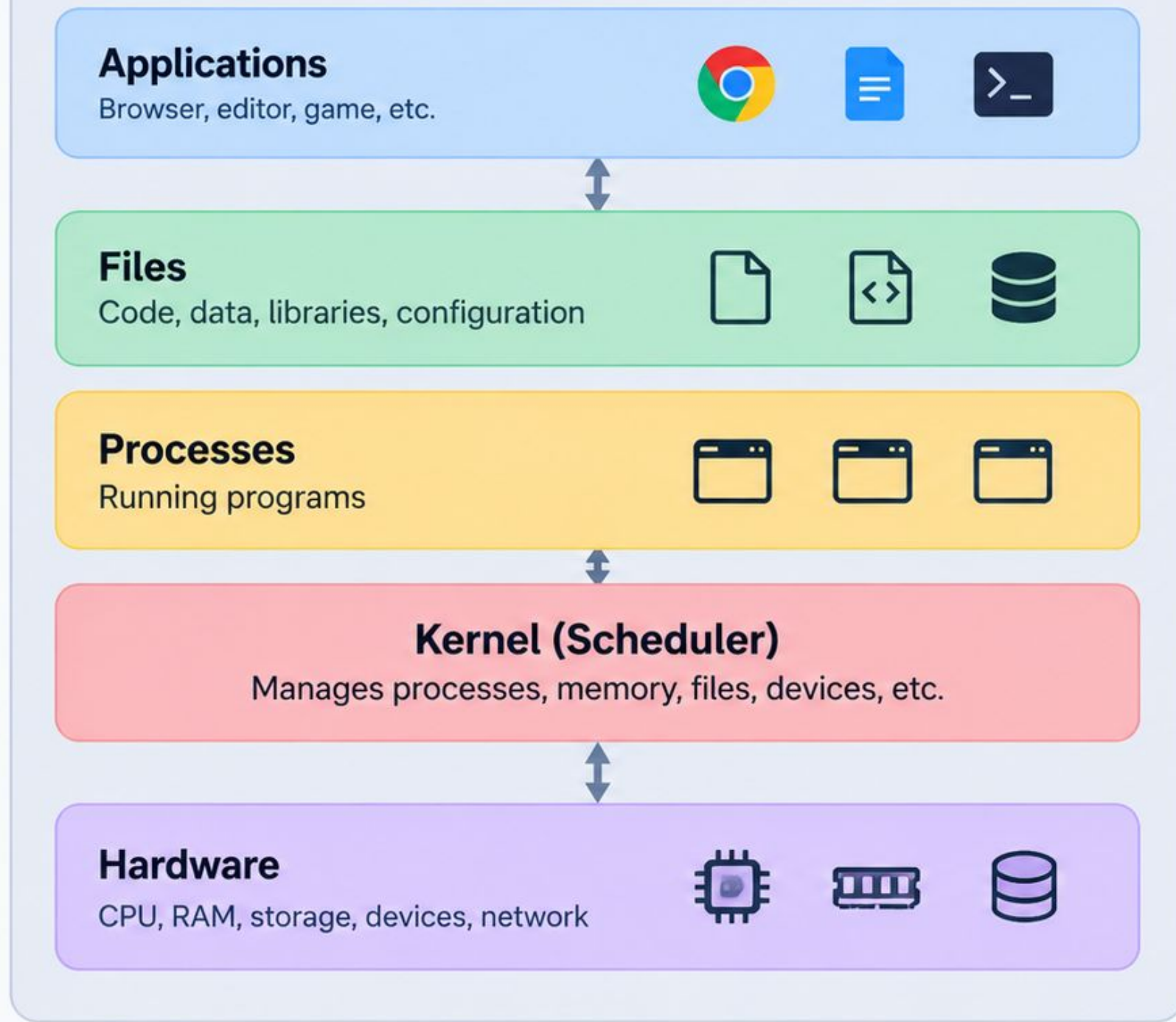
FORMULA RUN PROGRESS



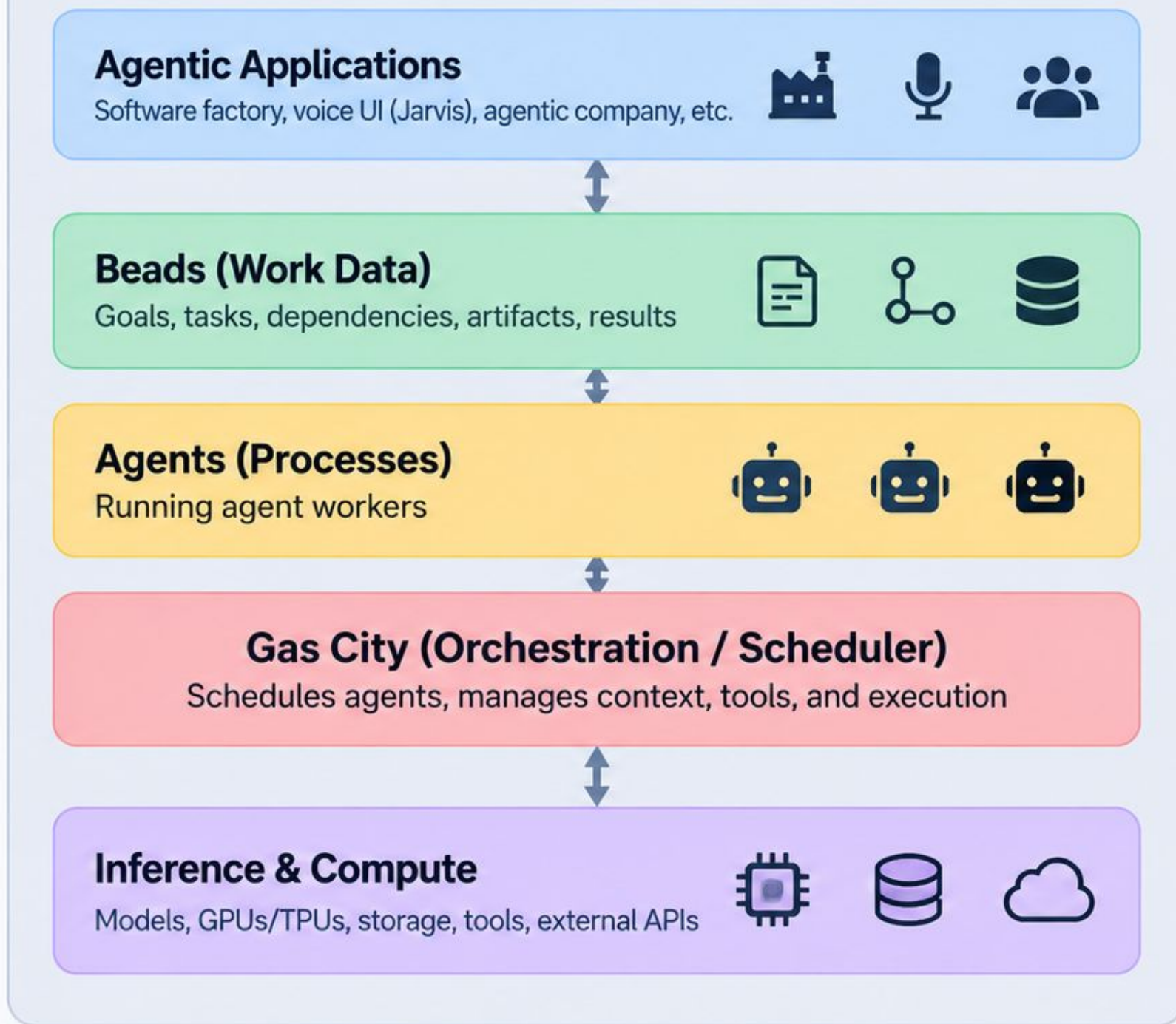
SYSTEMS

- ☒ LIVE FEED connected
- ☐ DOLT STORE not reported
- ☐ MAIL partial · last reported 9321 unread
- ☐ AGENTS partial · last reported 21/333 running

CLASSIC OPERATING SYSTEM



AGENTIC OPERATING SYSTEM



factory.gascity.com/city/maintainer-city/

Team WallowChrome Web StoreJeffrey's PromptsTop of MindContent PlanRoadmapWeather Report |...CRMSecretsMedium to Markdo...Mojo AppAWS CreditsBead DashboardAll Bookmarks

0593

MODEL CALLS TODAY

\$45.70 estimated today · usage history exceeded the dashboard read limit

13

ACTIVE SESSIONS

city status is partial

1.6M

TOKENS / MIN

24 h average · usage history exceeded the dashboard read limit

\$35.37

BURN · \$ / HR

24 h average · usage history exceeded the dashboard read limit

LAST 24 HOURS

18.6M

TOKENS IN

usage history exceeded the dashboard read limit

12.6M

TOKENS OUT

17287

MODEL CALLS

\$848.92

EST. COST

RUNS IN FLIGHT · CANONICAL STATE

QUEUED — RUNNING — WAITING — STOPPING —

run states unavailable

LIVE SESSION CONTEXT

GASCI... 11%

GASCI... 7%

GASCI... 7%

FORMULA RUN PROGRESS

1/8 active

6/8 Human...

6/8 Human...

1/8 active

mol-adopt-...

mol-adopt-...

mol-adopt-...

mol-adopt-...

SYSTEMS

LIVE FEED connected

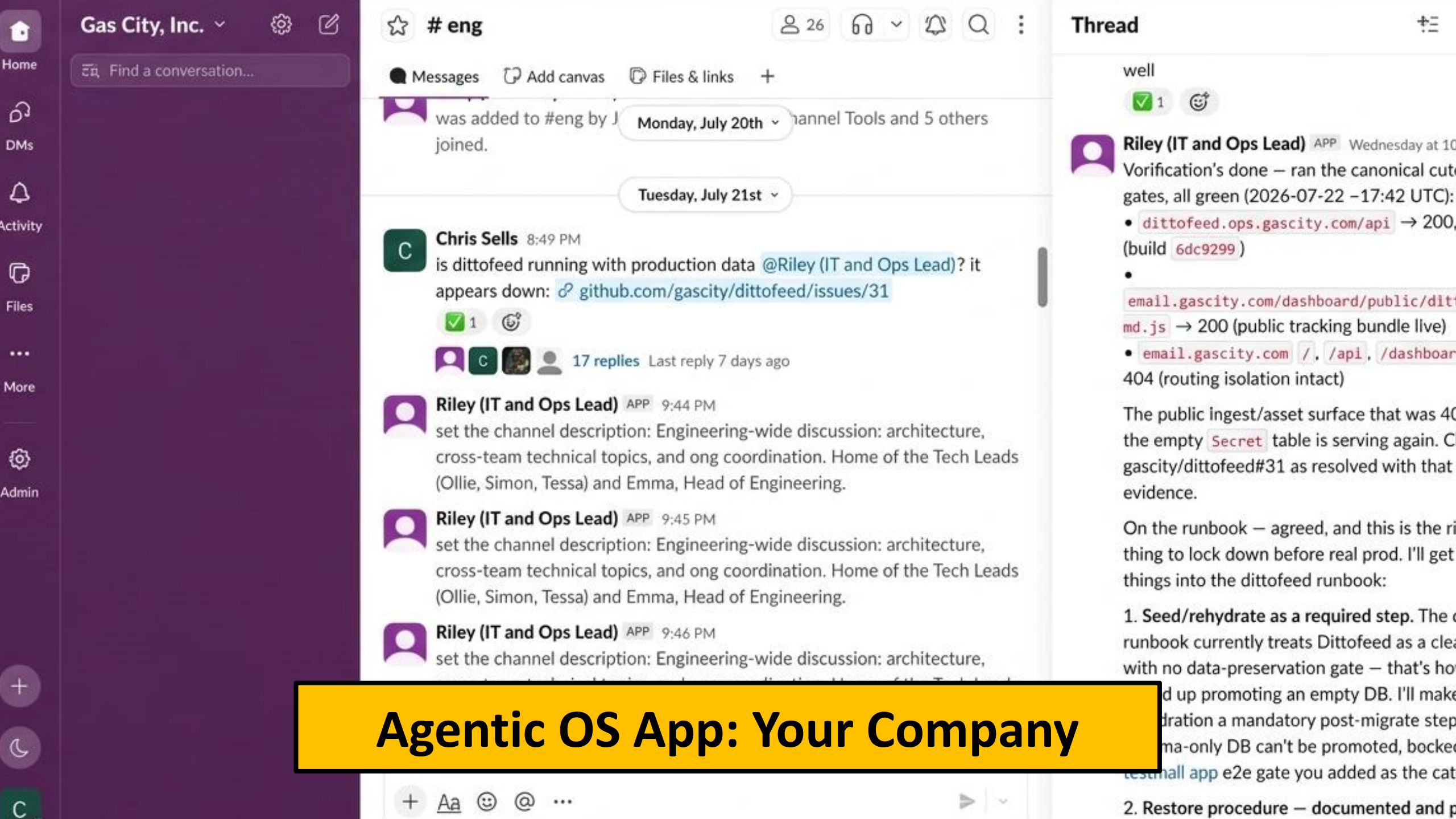
DOLT STORE not reported

MAIL partial · last reported 9321 unread

st reported 21/333 running

Agentic OS App: Software Factory

mol-adopt-... mol-adopt-... mol-adopt-... mol-adopt-...



🔍 Find a conversation...



Messages



Add canvas



Files & links



was added to #eng by J
joined.

Monday, July 20th ▾

Channel Tools and 5 others

Tuesday, July 21st ▾

**Chris Sells**

8:49 PM

is dittofeed running with production data @Riley (IT and Ops Lead)? it
appears down: github.com/gascity/dittofeed/issues/31



1



17 replies Last reply 7 days ago

**Riley (IT and Ops Lead)**

APP

9:44 PM

set the channel description: Engineering-wide discussion: architecture,
cross-team technical topics, and ong coordination. Home of the Tech Leads
(Ollie, Simon, Tessa) and Emma, Head of Engineering.

**Riley (IT and Ops Lead)**

APP

9:45 PM

set the channel description: Engineering-wide discussion: architecture,
cross-team technical topics, and ong coordination. Home of the Tech Leads
(Ollie, Simon, Tessa) and Emma, Head of Engineering.

**Riley (IT and Ops Lead)**

APP

9:46 PM

set the channel description: Engineering-wide discussion: architecture,

Agentic OS App: Your Company

well



1

**Riley (IT and Ops Lead)**

APP

Wednesday at 10

Vorification's done — ran the canonical cut
gates, all green (2026-07-22 -17:42 UTC):

- dittofeed.ops.gascity.com/api → 200,
(build `6dc9299`)

-

email.gascity.com/dashboard/public/dittofeed
`md.js` → 200 (public tracking bundle live)

- email.gascity.com / `/api` / `/dashboard`
404 (routing isolation intact)

The public ingest/asset surface that was 404
the empty `Secret` table is serving again. C
gascity/dittofeed#31 as resolved with that
evidence.

On the runbook — agreed, and this is the ri
thing to lock down before real prod. I'll get
things into the dittofeed runbook:

1. Seed/rehydrate as a required step. The c
runbook currently treats Dittofeed as a clea
with no data-preservation gate — that's ho

nd up promoting an empty DB. I'll make
dration a mandatory post-migrate step
ma-only DB can't be promoted, bocke
testmall app e2e gate you added as the cat

2. Restore procedure — documented and p



Home



Appointments



Messages

2



Test Results



Medications



Health Records



Billing & Insurance



My Profile

Welcome back, John

Here's an overview of your health and upcoming care.



Schedule an Appointment

Upcoming Appointment

[View All](#)

APR
22
Tue

Annual Physical

9:00 AM (30 min)

Dr. Sarah Chen
Primary Care

Acme Health – Downtown Clinic
123 Wellness Ave, Seattle, WA

Reschedule

[View Details](#)

Messages

[View All](#)



Care Team

Apr 18

Your test results are ready to view.



Acme Health

Apr 15

A reminder about your upcoming appointment on Apr 22 at 9:00 AM...

Recent Test Results

[View All](#)



Comprehensive Metabolic Panel

Apr 15, 2025

Normal



Hemoglobin A1c

Apr 15, 2025

High



Cholesterol Panel

Normal



Medications

[View All](#)



Lisinopril 10 mg

1 tablet daily



Atorvastatin 20 mg

1 tablet daily



Metformin 500 mg

1 tablet daily



Agentic OS App: Patient Portal



Schedule a Visit

Book an in-person or >



View Test Results

See your latest lab >



Access Health Records

View and download >



Billing & Insurance

Pay a bill, view claims, >

The background features a complex digital aesthetic. At the center is a series of concentric, glowing circles in shades of blue and yellow, creating a tunnel-like effect. A horizontal line of light pulses passes through the center of these circles. The entire scene is set against a dark blue background with faint, glowing circuit board patterns and small light points.

Agentic OS App: Your App Here

AGENTIC OS ABILITY: RECURSIVE SELF IMPROVEMENT

Track the runs

- beads, sessions, commits, PRs
- available via the BTS API

Improve your factory

- fix failures in your workflows
- optimize token usage



Teams: Beads Team server + Gasworks

BTS: sharing beads with your team

- visualize agentic work across the org
- capture “runs” for RSI

Gasworks: multi-operator factory

- based on BTS
- visualize your factory across the org

gascity.com for early access



WHAT WILL YOU BUILD?

OSS+Community

- github.com/gastownhall
- Gas Town Hall Discord server
- gascity.com

Commercial Previews

- **Beads Team Server:** In preview now!
- **Gasworks:** coming soon!

mayor@gascity.com with interest

