CLOUD NATIVE DENMARK · 2026

Your platform matters more than ever with AI

Jessica Andersson

AI Agentic empowered software development is here to stay

and it’s evolving fast!

The multi-directional AI pressure

EXTERNAL PRESSURE

Market position

Competition

INTERNAL PRESSURE

CXO: “do anything with AI!”

Shadow AI

Code is shifting faster than ever before

	Q3 2025		Q3 2026
Issues created	4.85M	→	**15.65M**
Pull requests merged	14.81M	→	**47.04M**

Public GitHub repositories, quarterly totals (Jul 1 to Sep 30). Source: GitHub Search API, retrieved 20 Oct 2026.

Fail at machine speed

THE RISK

Unintentional fragmentation

THE SOLUTION

Intentional strategy & platforms

Your platform matters more than ever with agentic AI

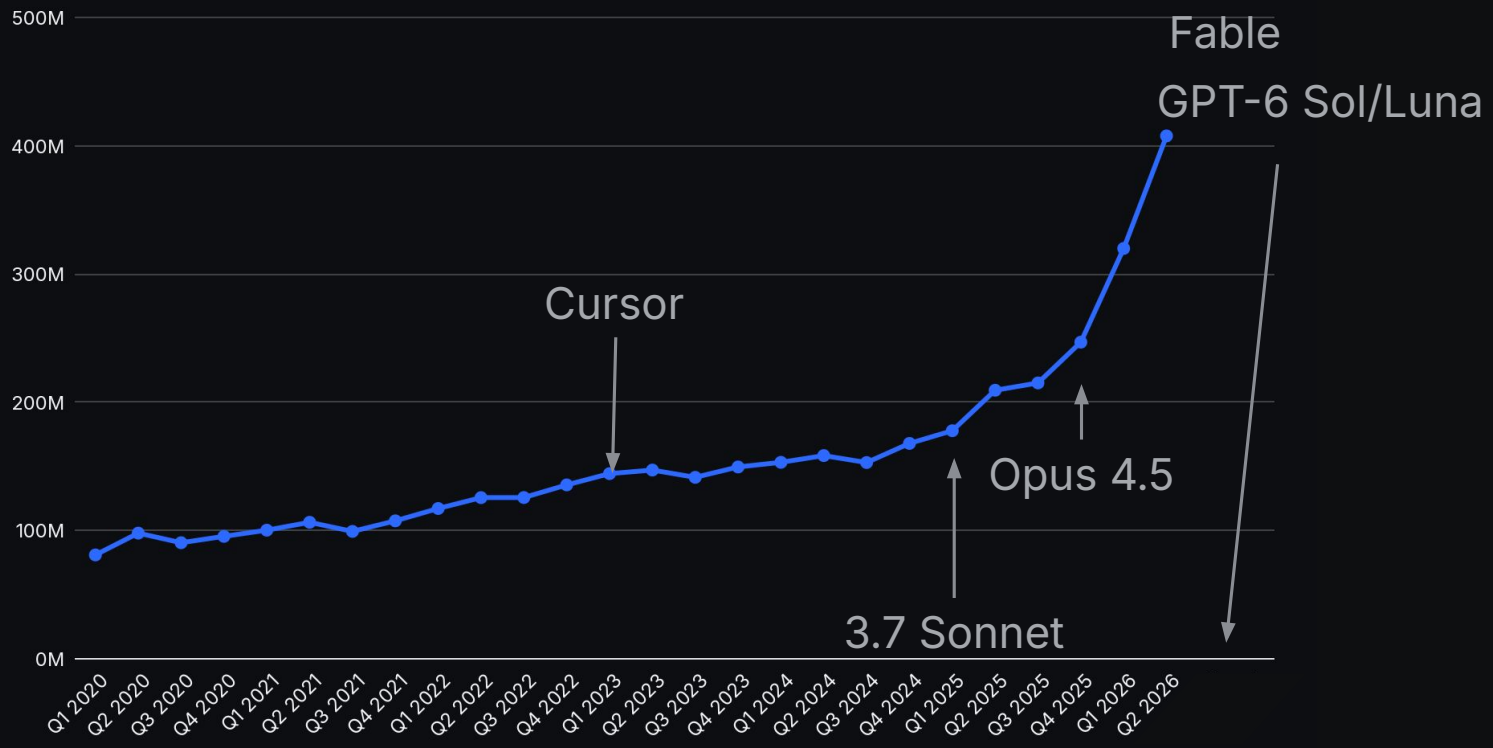
We're moving from writing code to orchestrating change

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Git pushes globally on GitHub

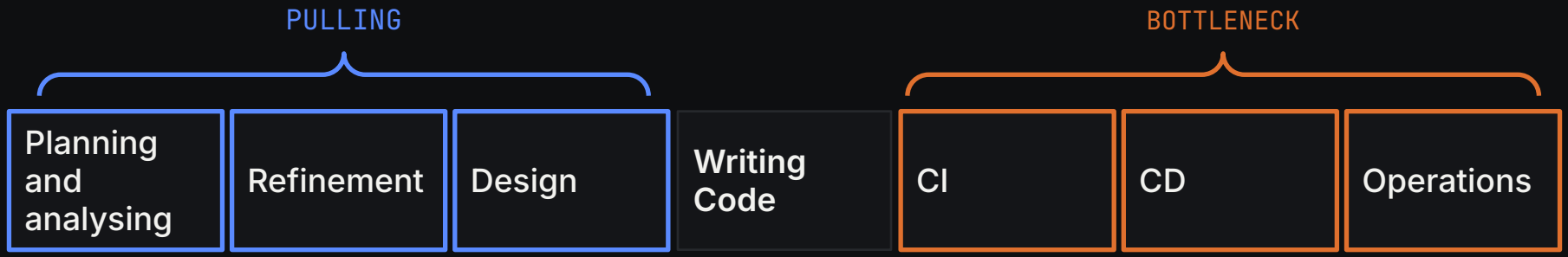


Research looks back..

..the future is unknown

But what do we know?

The bottleneck moved



~~2 months~~

2 days

Models are stochastic by design

Inconsistent Outputs

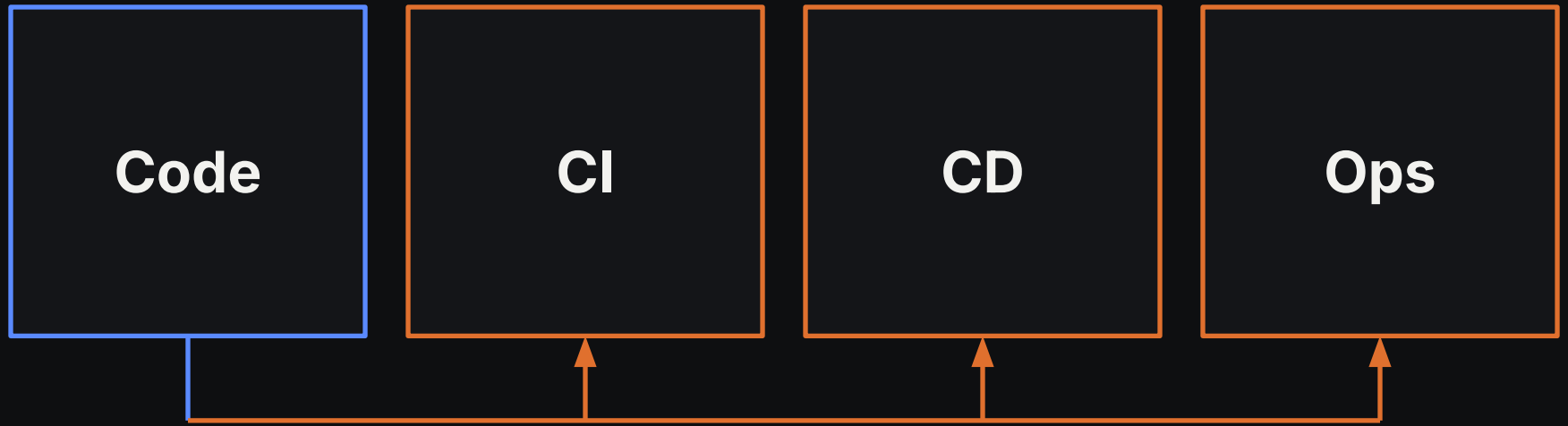
The core challenge of LLM integration is inherent randomness.

Codebase Fragmentation

Stochastic behavior leads to unmaintainable systems without technical guardrails.

Fragmentation has an immense blast radius

Introducing a new language or framework isn't just a code change,
it's a commitment to extend your entire production support stack.



But what do we know?

More output

Fragmentation default

Fragmentation increases complexity

Bring what we know into the strategy

for AI Agent empowered software development

Adaptable

The future is unknown. Design for the shape of change.

Communicate

Written down, spoken clearly, repeated continuously.

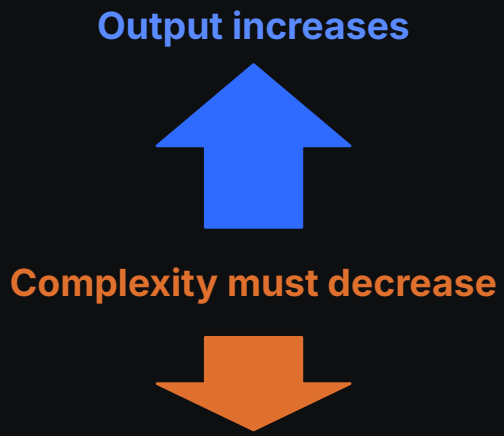
Pivot

When we learn something new, we adapt.

The shape of the strategy.

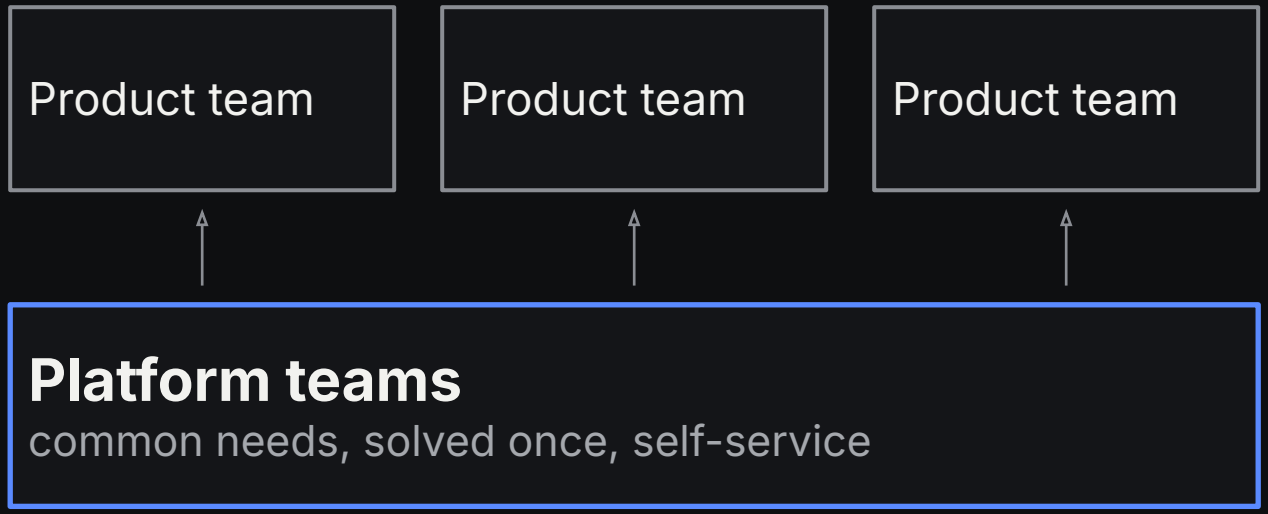
Bring what we know into the strategy

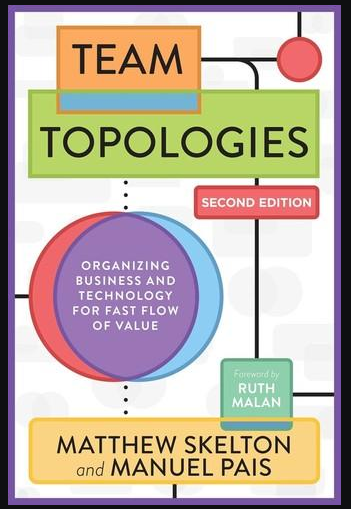
for AI Agent empowered software development



Complexity must go **down** even as volume of code goes **up**.

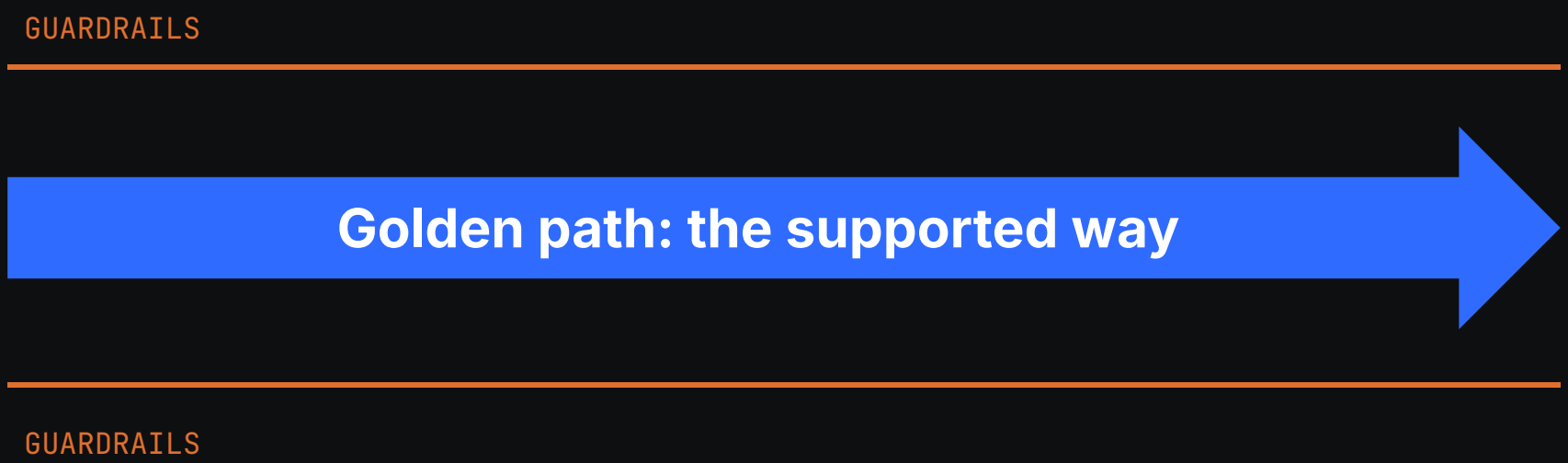
We build platforms to solve common needs once



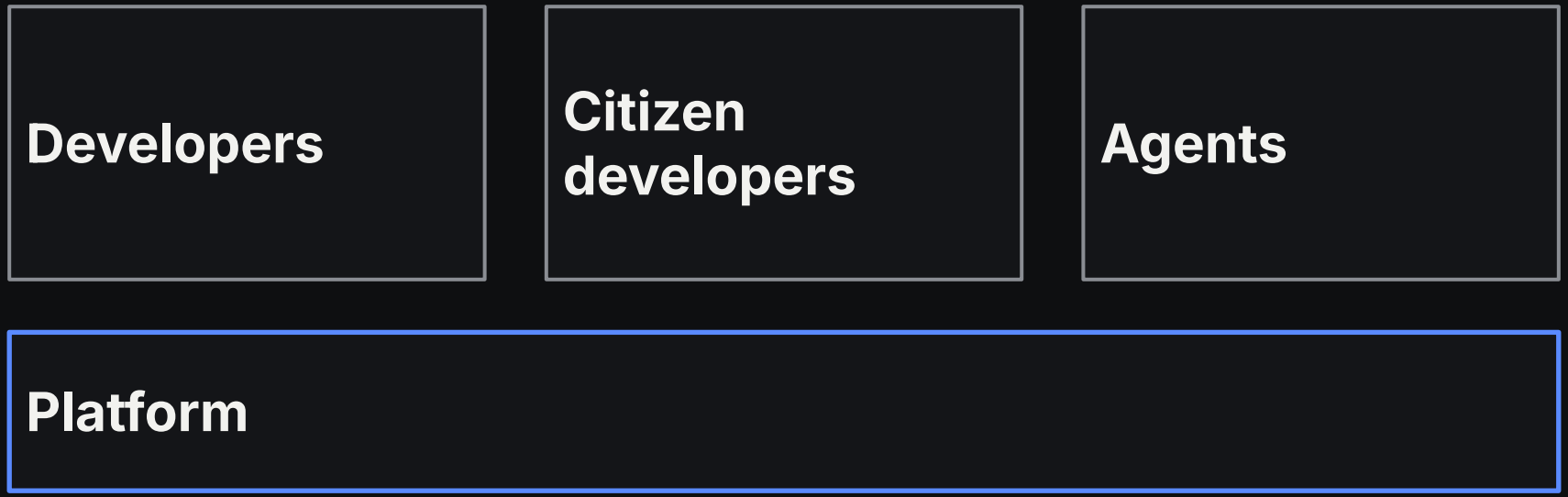


The platform **works for the strategy**.

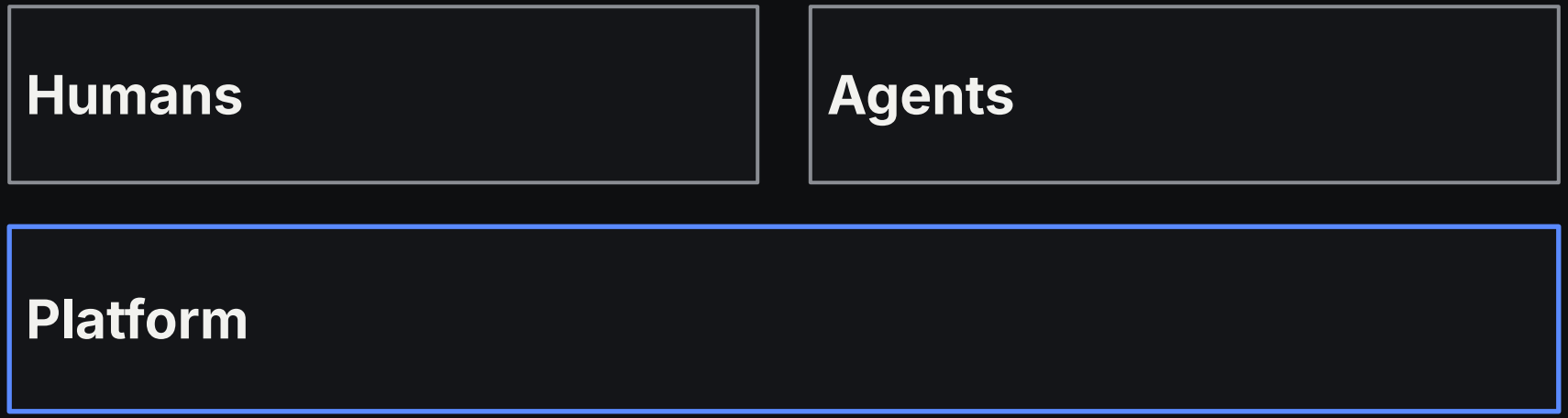
Golden paths and guardrails keep complexity and cognitive load down



Citizen developers are new platform users

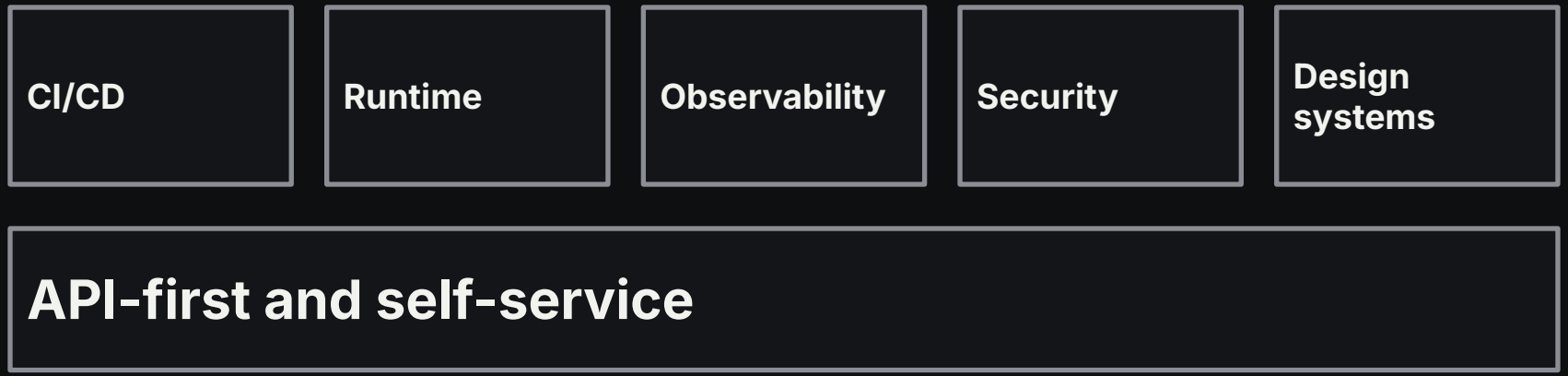


A good platform for humans is the foundation for agents



No platform yet? Now is a good time to start.

What platforms already solve works for agents too



What platforms already solve works for agents too



What counts as context?

Deterministic (verifiable)	Stochastic (interpreted)

If the agent can’t find your context, **it will invent one**.

Deterministic checks = fast feedback



Same input, same result, every time. And the same linter for humans.

Just-in-time context

Adding context ≠ adding value.

Right context at the right time is what helps agents succeed.

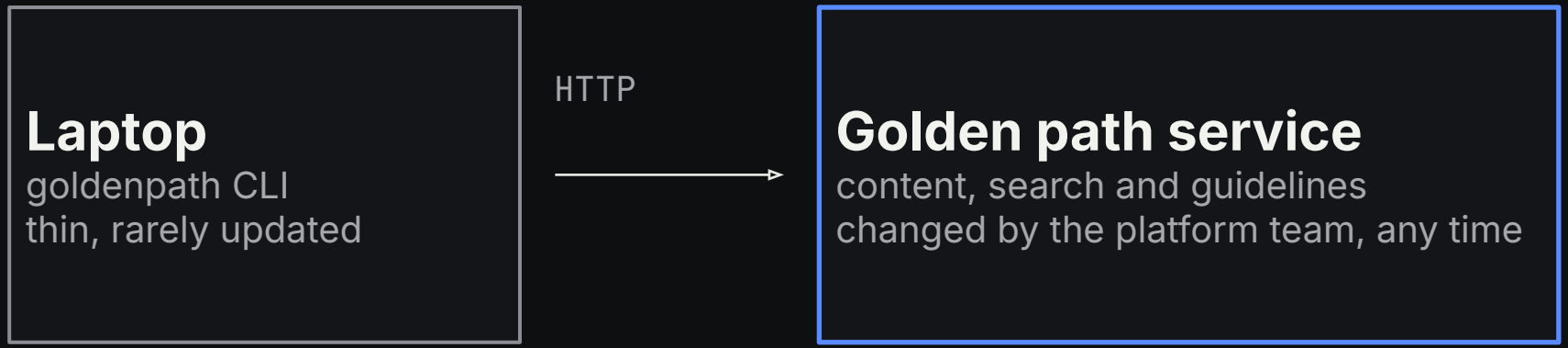
Just-in-time context: search, then look up

```
$ goldenpath search storage
storage   Storing data
buckets   Object storage (buckets)

$ goldenpath lookup buckets
# Object storage (buckets)
- The bucket name comes from STORAGE_BUCKET ...
```

Only what the agent needs, when it needs it

Keep the laptop thin, control it from the platform



Hard to update what's on laptops, easy to update a service

LIVE DEMO

Demo: building on the golden path

github.com/Solisol/goldenpath-demo

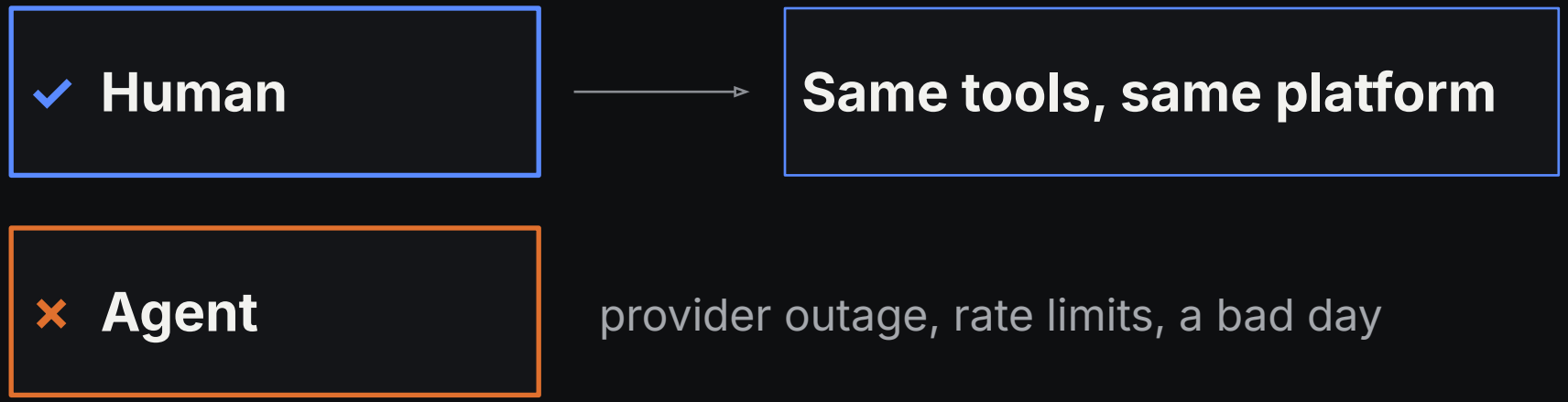


Humans have the same tools as agents



The same information and the same guardrails, for both

If the agent fails, you can still move forward



Nobody gets locked out

So what do we have now?

- ✓ One platform
- ✓ Same tools
- ✓ Context and guardrails

Strategy drives AI success

01

Situational awareness

02

Intentional strategy

03

Quality internal platform

Less variability, deterministic checks



- ✓ Less variability
- ✓ Deterministic checks
- ✓ Just-in-time context

Complexity must go **down** even as volume of code goes **up**.

Three things to find out

01

Strategy

Where are you right now?

02

Quality internal platform

Are you self-serve?

03

Context

What is your context right now?

Internal developer platforms are the foundation for succeeding in the AI era



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