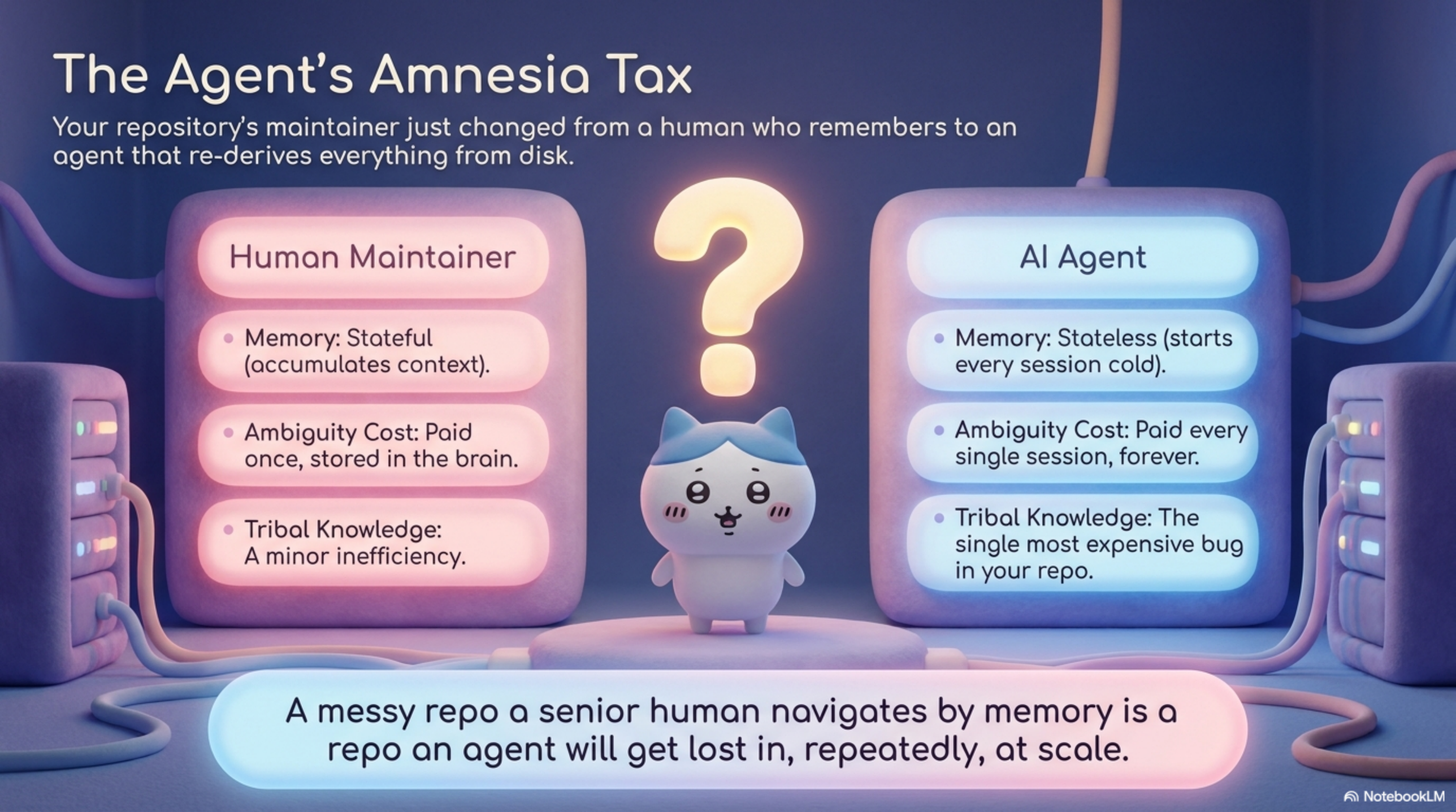
Ambiguity Used to Be a One-Time Cost

The Agent's Amnesia Tax

Your repository's maintainer just changed from a human who remembers to an agent that re-derives everything from disk.



A messy repo a senior human navigates by memory is a repo an agent will get lost in, repeatedly, at scale.

API 1: Navigation (Directory Layout)

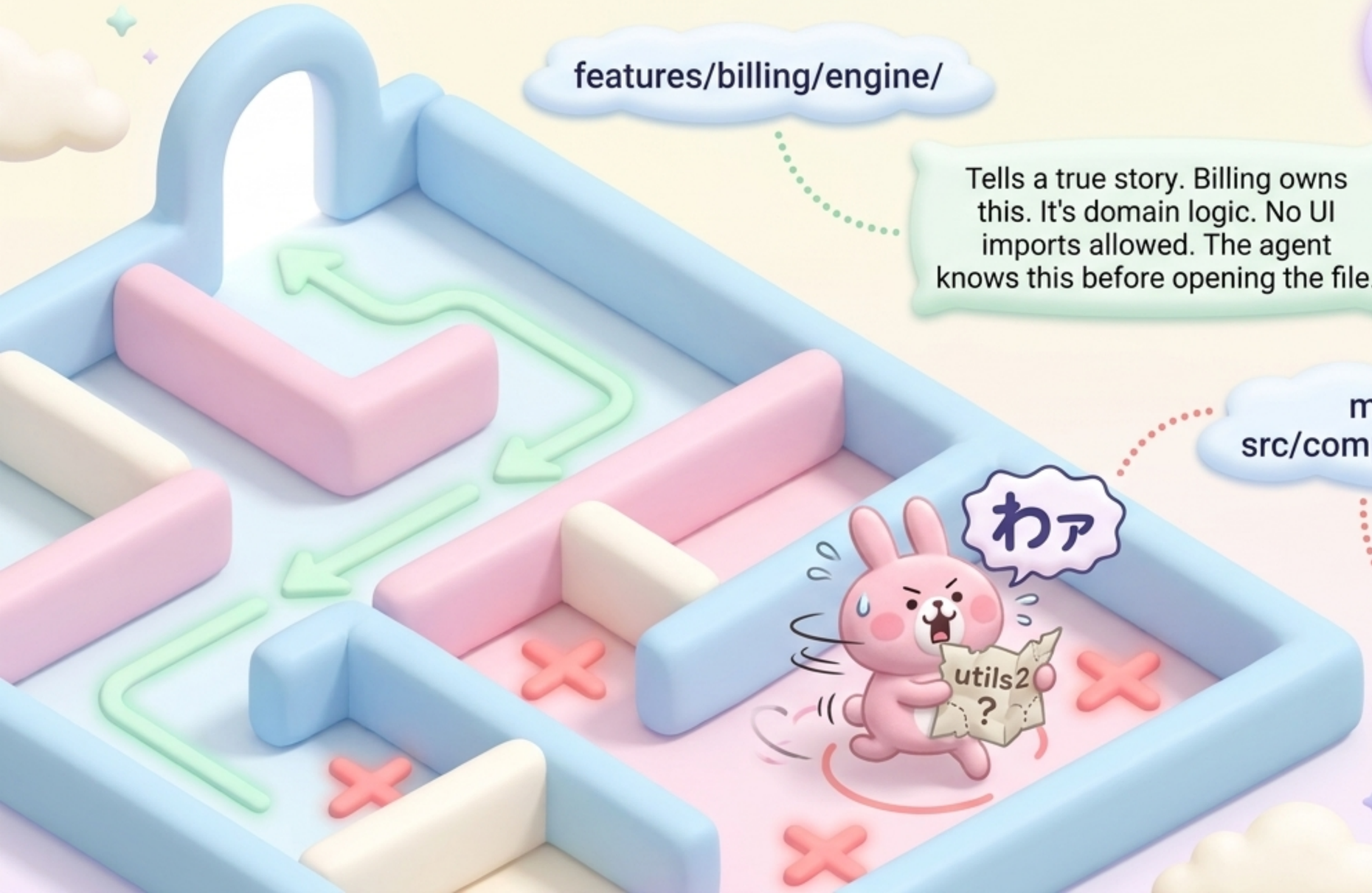
Vague folders are navigation endpoints that return garbage.

features/billing/engine/

Tells a true story. Billing owns this. It's domain logic. No UI imports allowed. The agent knows this before opening the file.

misc/ or utils2/ or src/components/Dashboard.tsx

Actively lies. A dumping ground that requires the agent to read 2,000 lines just to discover if the pricing rule lives there.

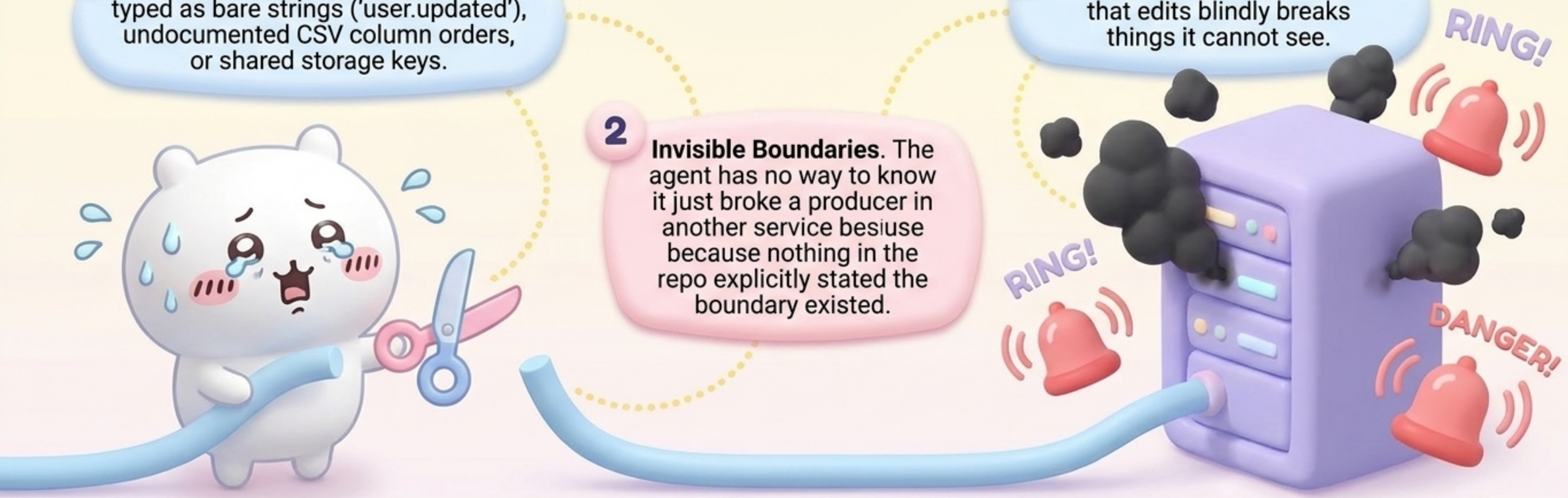


API 2: Constraint (Contracts & Boundaries)

1 **Implicit Contracts**. Event names typed as bare strings ('user.updated'), undocumented CSV column orders, or shared storage keys.

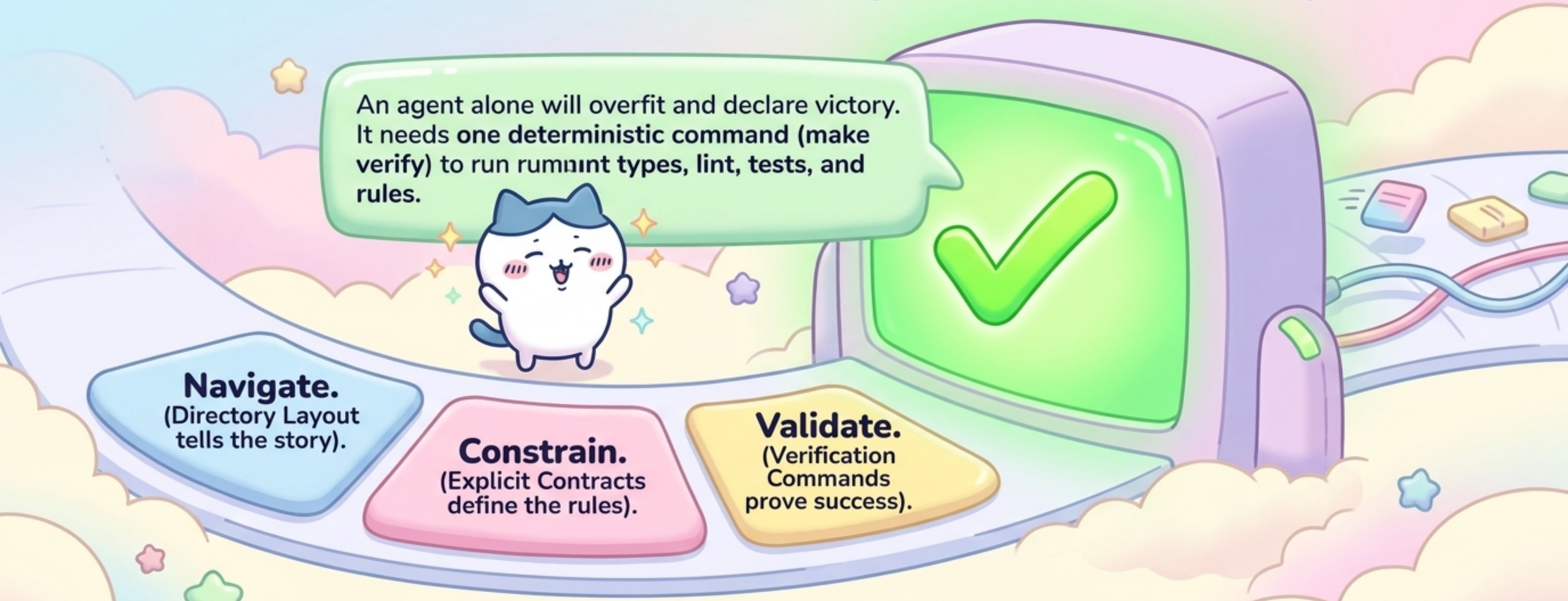
2 **Invisible Boundaries**. The agent has no way to know it just broke a producer in another service besiuse because nothing in the repo explicitly stated the boundary existed.

3 **Cascading Failures**. An agent that edits blindly breaks things it cannot see.



Boundaries must be machine-checkable. Replace implicit tribal knowledge with explicit schemas, typed contracts, and imported constants.

API 3: Validation (Verification)



Done stops being a feeling and becomes an exit code.

The architecture that is perfect for agents is the exact same architecture we always knew was right for humans. The agent just removed your