

THE ERA OF AGENT-NATIVE KNOWLEDGE.

MANIFESTING THE SEMANTIC WEB ON AUTOPILOT.

LLM Wikis were the spark.

The Idea

Feed in documents.
Get back a structured,
explorable wiki.

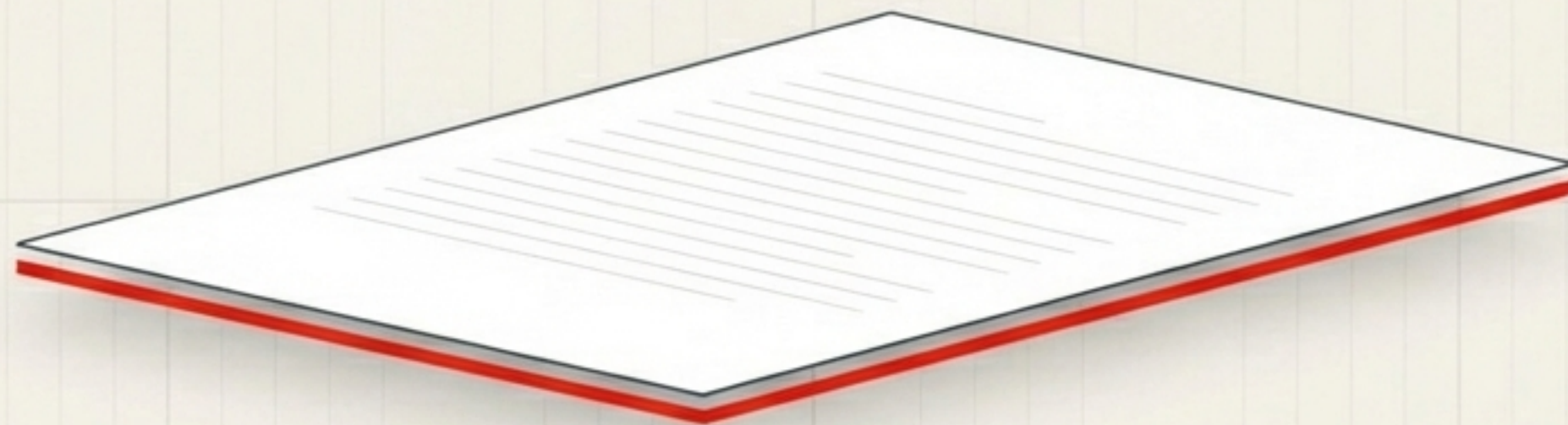


The Verdict

Elegant. Practical.
Immediately useful for
anyone drowning in
information.

Markdown isn't enough.

It's still flat.



It's a page, not a system.

Summarizing text into isolated wikis creates better silos, not a living web.

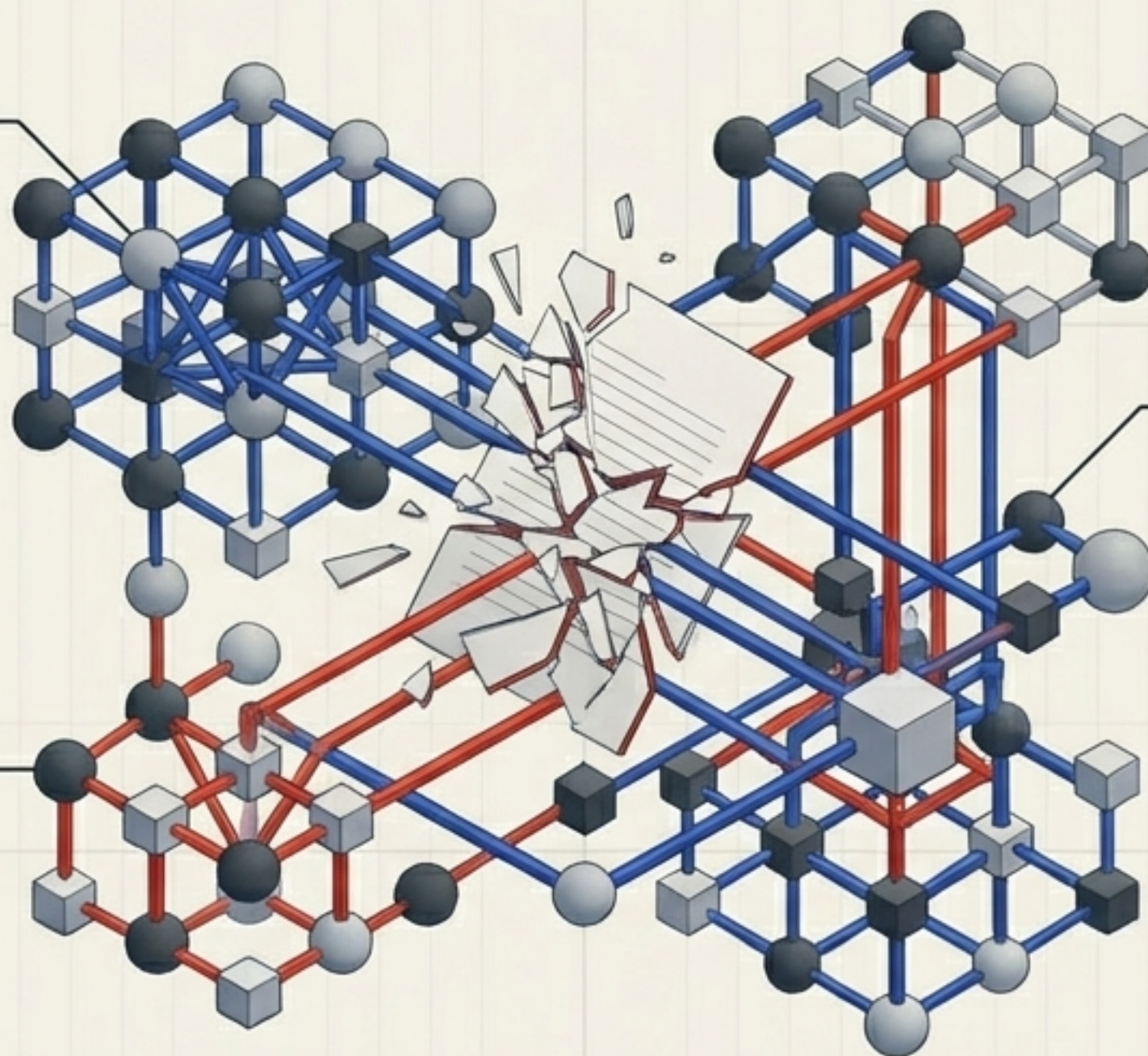
What if any document became a living, queryable Semantic Web?

Not a page.

A machine-readable web of entities.

Agent-Ready.

Built for AI to query, traverse, and reason over.



Grounded.

Anchored to verifiable Linked Data principles.

The breakthrough relies on three simple foundations.



1. A Simple Skill

Defined in a simple SKILLS.md file. No plugins. No platforms. Just instructions.



2. The Universal Filesystem

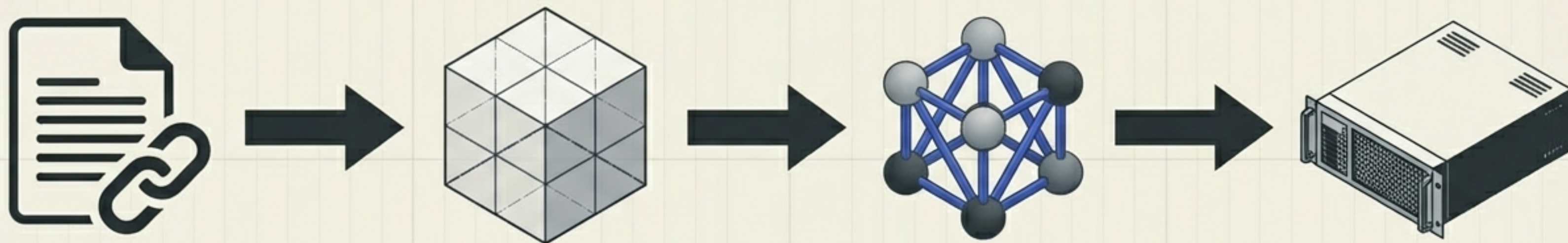
Leveraging standard WebDAV to mount and host data spaces seamlessly.



3. The Original Web Architecture

HTTP URLs and Linked Data manifesting the true Semantic Web.

The Workflow: Simple, Fast, Repeatable.



1. Input

Any Article, PDF, or
Blog post URL

2. Processor

AI Agent + SKILLS.md
fetches content and extracts
schema.org entities

3. Output Assembly

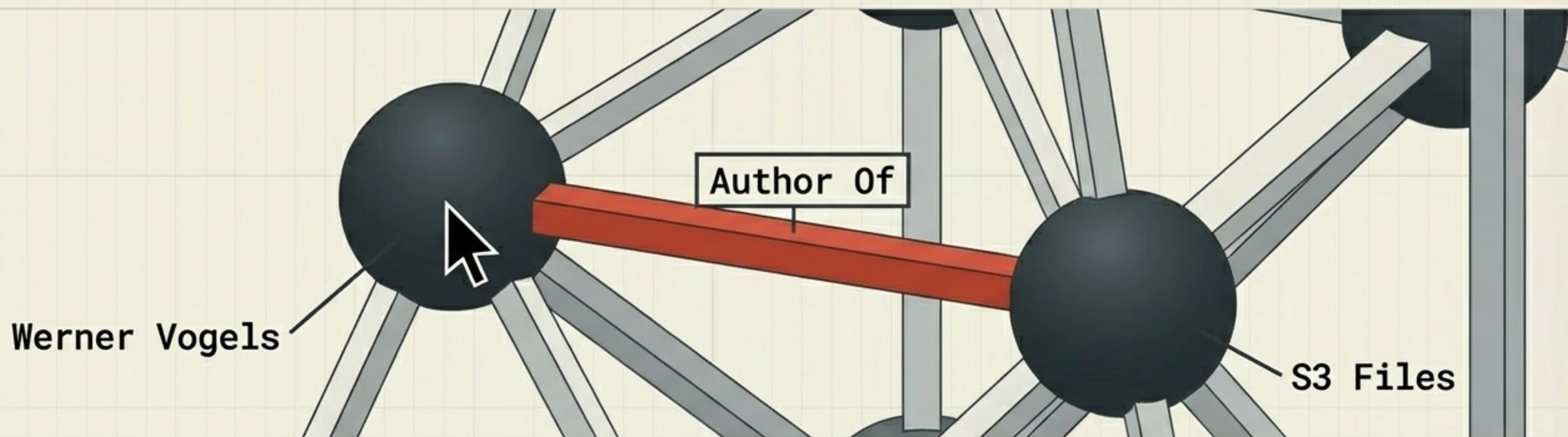
Entities resolve into a
crisp RDF/Turtle Graph

4. Destination

Safely lands in a
WebDAV-mounted
Data Space

What you get isn't a summary. You get a knowledge graph.

Agent-Native Navigation: Traversing facts, not blind searching.



Hyperlinks act as explicitly named relationships.
AI agents follow their nose through verifiable paths.

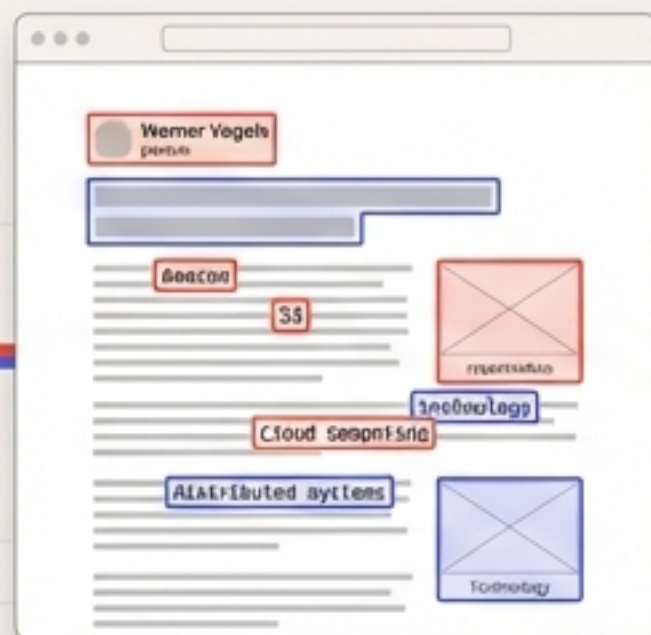
Standard RAG vs. Agentic Linked Data

	Standard RAG	Agentic Linked Data
Format	Flat Text & Vector Chunks	RDF/Turtle Knowledge Graph
Navigation	Blind Similarity Search	Follow-your-nose Hyperlinks
AI Mode	Probability & Guesswork	Explicit Semantics & Reasoning
Evolution	Static	Self-Enriching & Compounding
Data Standard	Proprietary / Siloed	Web-Native / Open Standards

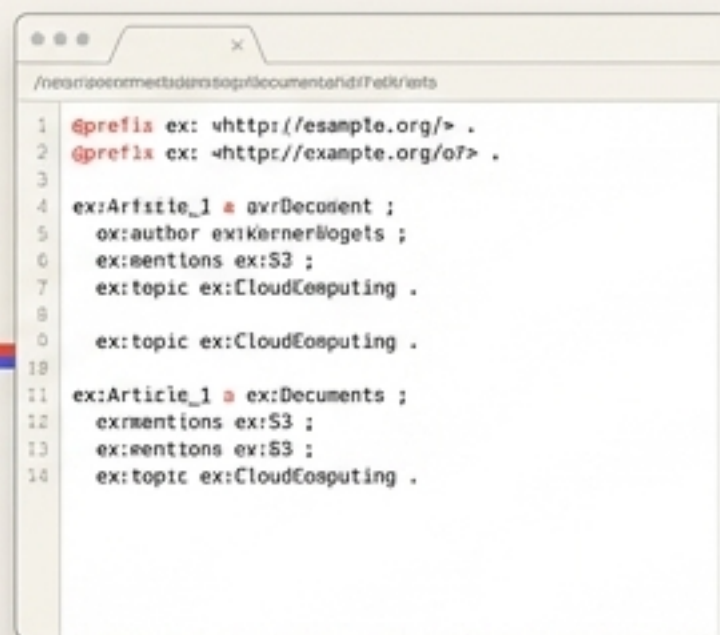
From raw article to queryable web in real time.



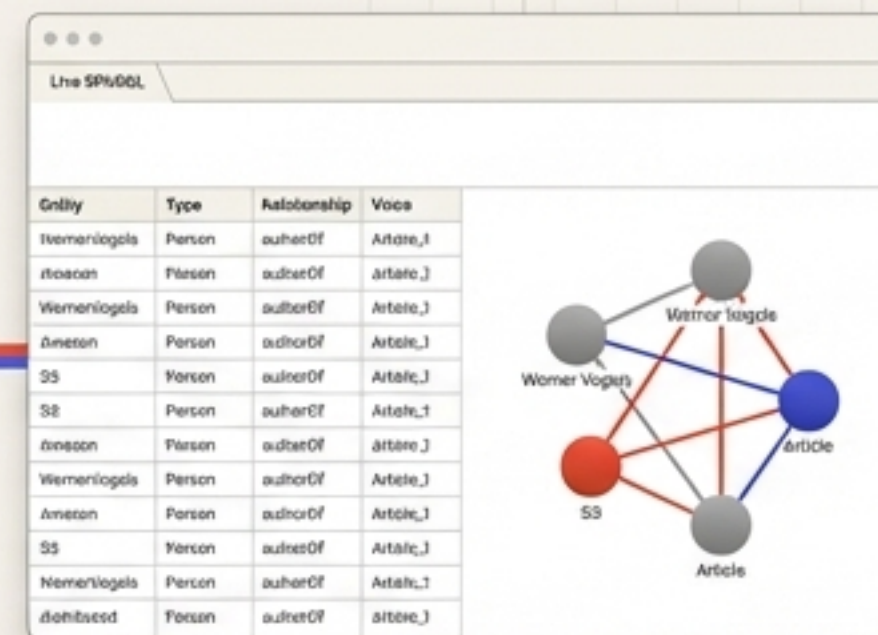
Stage 1: Raw Article
S3 Files by Werner Vogels



Stage 2: Entity Extraction



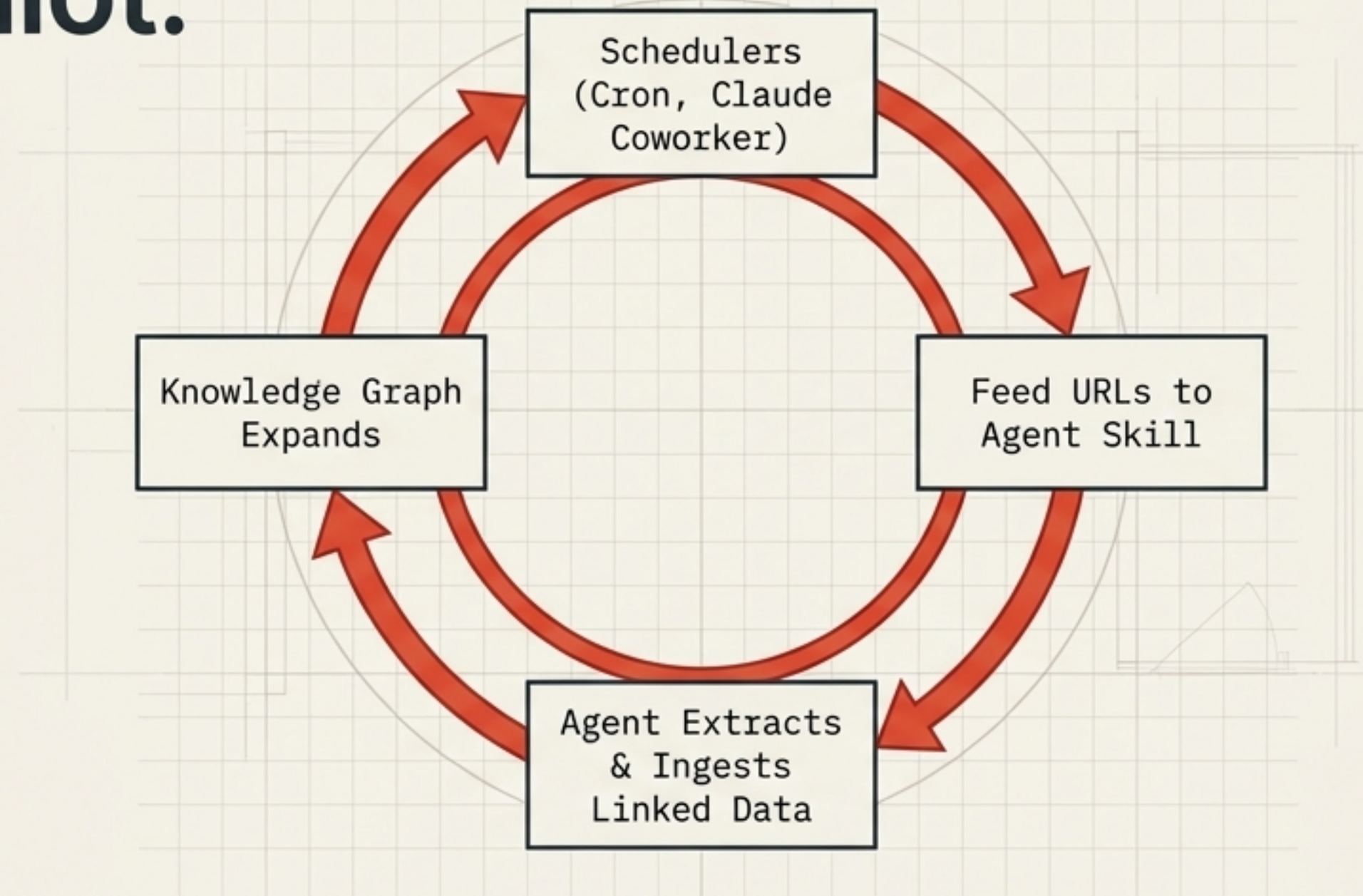
Stage 3: Generated RDF/Turtle



Stage 4: Live SPARQL Interface

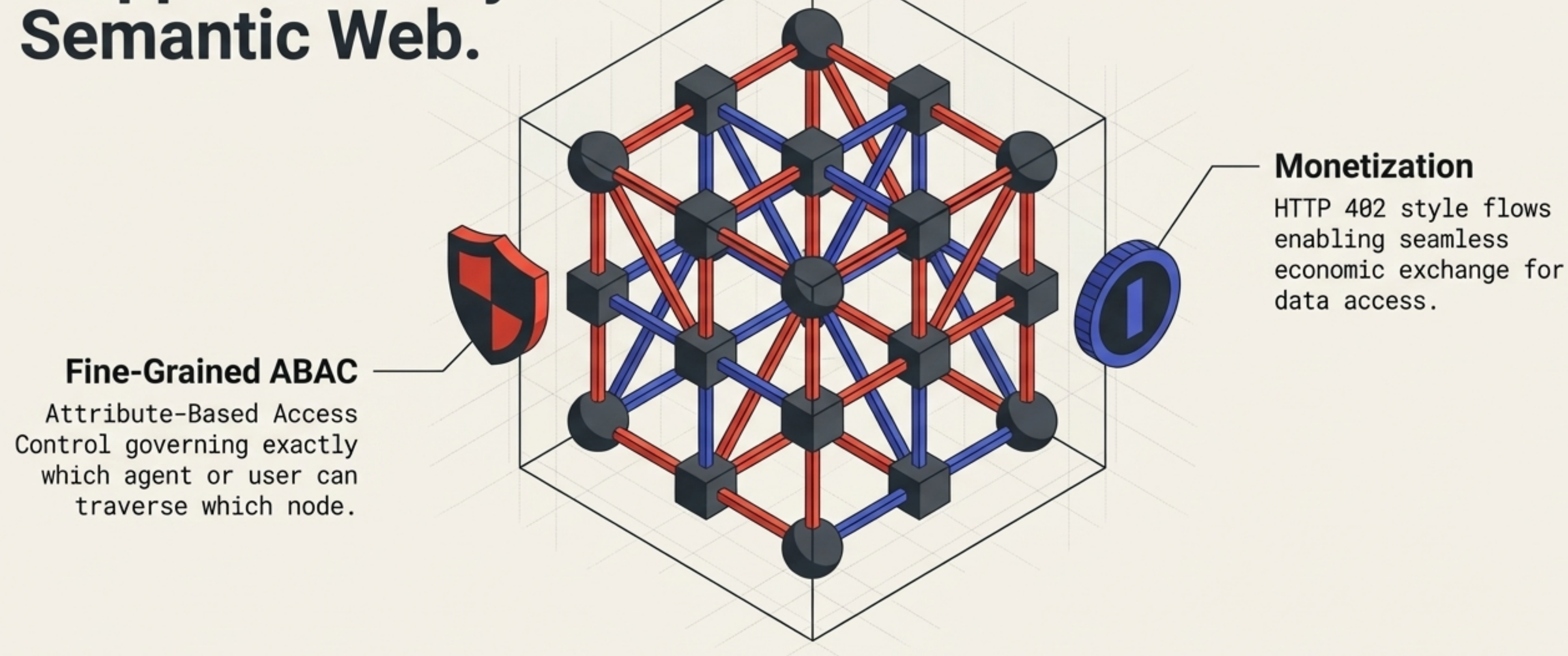
Not a demo. A repeatable workflow.

Knowledge bases that compound on autopilot.



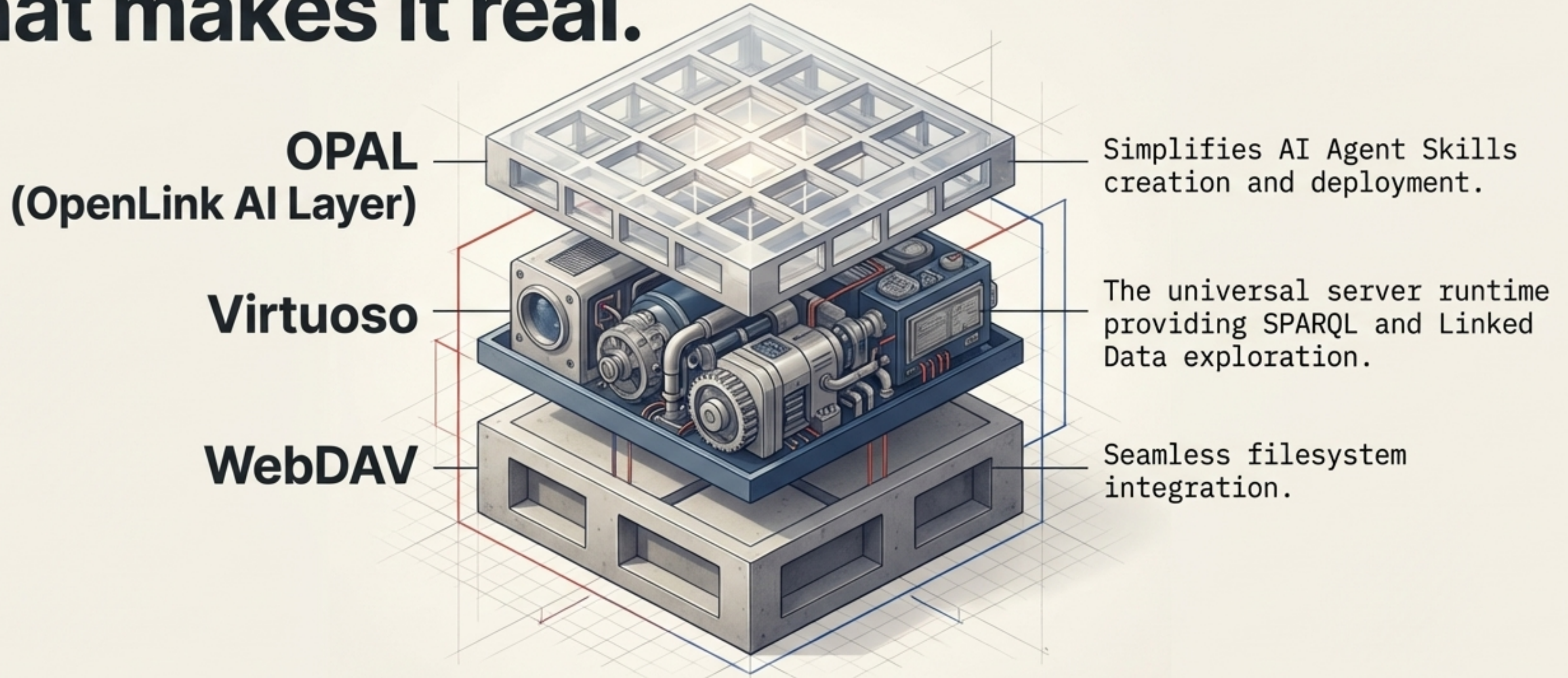
Point an automation at the agent, and your system grows on its own. Quietly. Reliably. Compounding.

Enterprise governance mapped directly to the Semantic Web.



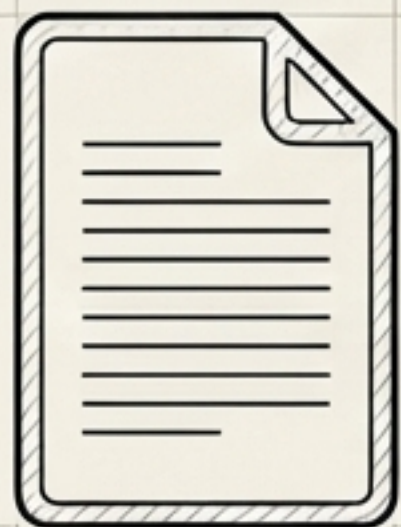
Web-native architecture natively supports enterprise-grade security and economic value exchange.

The open-standards architecture that makes it real.

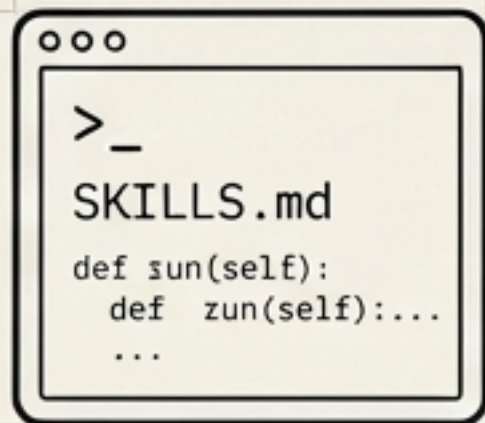
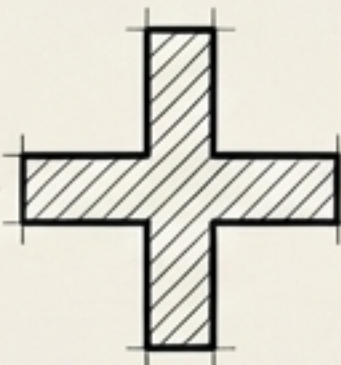


Together, they turn simple file operations into a powerful knowledge engine.

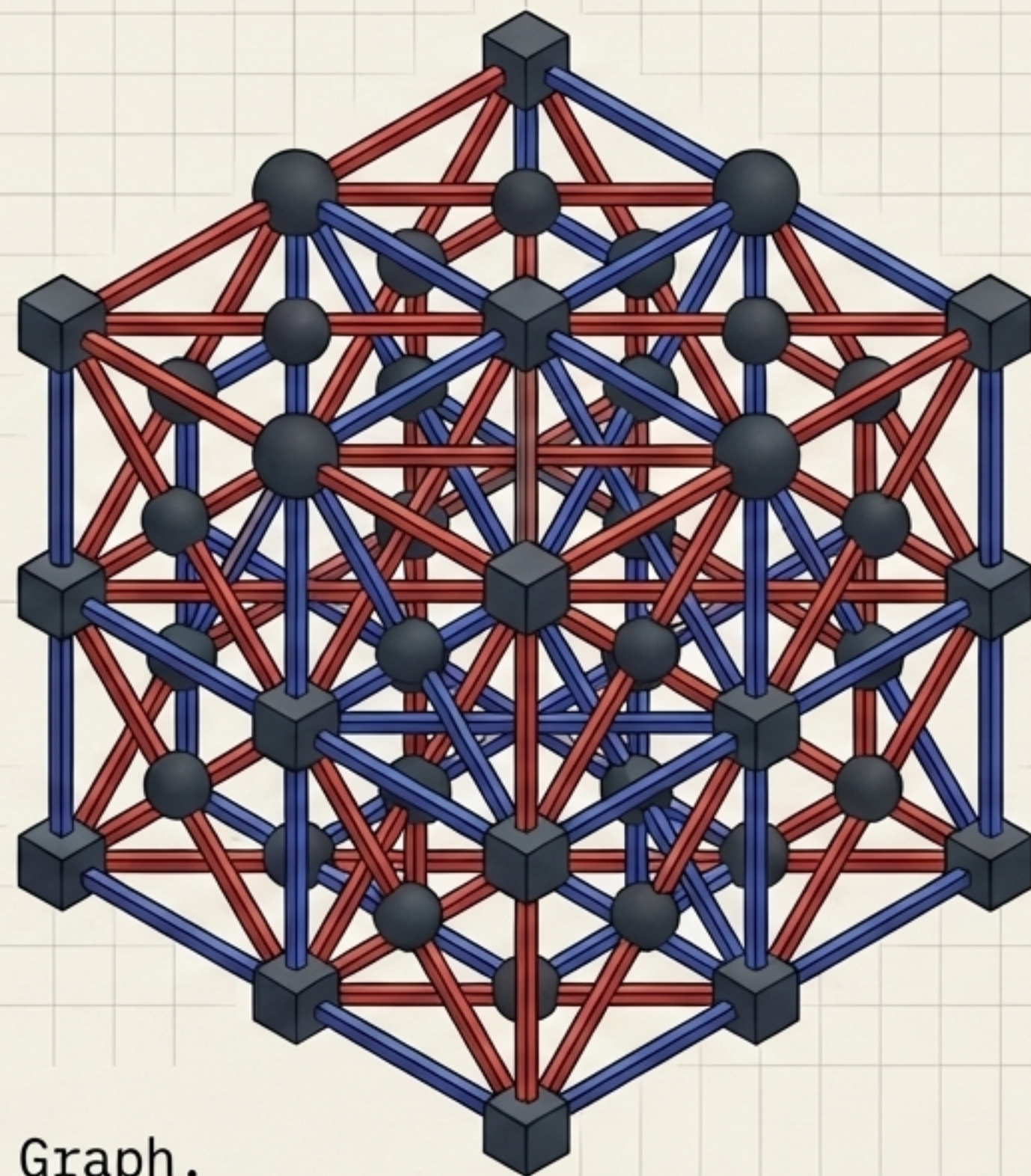
Manifesting a Semantic Web.



DOCUMENT



TERMINAL /
SKILLS.md



A File. A Skill. A Graph.

The era of progressive, agent-native knowledge systems has arrived.

Give AI something real to reason over.

Deploy agent-native knowledge with Virtuoso and OPAL.