SynapseLayer

TEN VOICES. ONE WEEK. ONE ARCHITECTURE.

The Brightest Minds Converge on the End of Hardcoded Software

Robert Koller | SynapseLayer | March 2026

Ten people said the same thing last week.

None of them were talking to each other.

Alex Karp
Palantir

Aaron Levie
Box

Elon Musk
Tesla / xAI

George Sivulka
Hebbia

Emil Michael
Pentagon CTO

Carina Hong
Axiom

Bret Taylor
OpenAI / Sierra

Bill McDermott
ServiceNow

Julien Bek
Sequoia Capital

Christian Klein
SAP

What they all see:

The models work.

The agents are capable.

The capital is flowing.

What is missing is the deterministic layer between the AI and the operation it is supposed to execute.

Source: convergence analysis of 10 independent statements, March 8-14, 2026

For sixty years, enterprise operational logic has lived inside software platforms.

Hardcoded by consultants. Maintained through manual change management. No automated link back to the contracts, policies, and regulations it is supposed to enforce.

That assumption is breaking. Reality changes faster than release cycles.

The missing layer has a name.

Ontology.

A structured, executable representation of every entity, relationship, rule, and validation that governs how an organization operates.

Extracted from the documents that already define those operations.

Every voice described the same architecture:

Probabilistic AI
Models, agents, reasoning

Verification loop
Generate, verify, enforce

Deterministic ontology
Rules, constraints, validations

Source documentation
Contracts, policies, regulations

Carina Hong proved this produces verified output in mathematics. The same architecture applies to business operations.

Source: Carina Hong, Axiom. MAD Podcast with Matt Turck, March 2026

Hardcoded software is not being replaced by AI.

It is being displaced by the layer underneath AI.

When business rules become extractable from source documentation by dedicated infrastructure, the container those rules used to live in becomes a commodity.

Software becomes the shell. Ontology becomes the operating layer.

This is not theoretical.

Built and tested in production.

Regulated European debt capital markets.

99.98%
Accuracy

100,000+
Validations

0
Compliance failures

Live
Now deploying

Now deploying as deterministic trust layer for enterprise AI agents.

The question every enterprise needs to ask:

Does anything in your technology stack actually know how your operation works, in a form a machine can verify?

The companies that can answer yes will deploy AI agents with structural trust. The rest will continue struggling with the adoption barriers that the industry has mapped but not yet solved.

The next software layer is not software.

It is ontology.

Read the full paper:

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on the End of Hardcoded Software

Link in comments