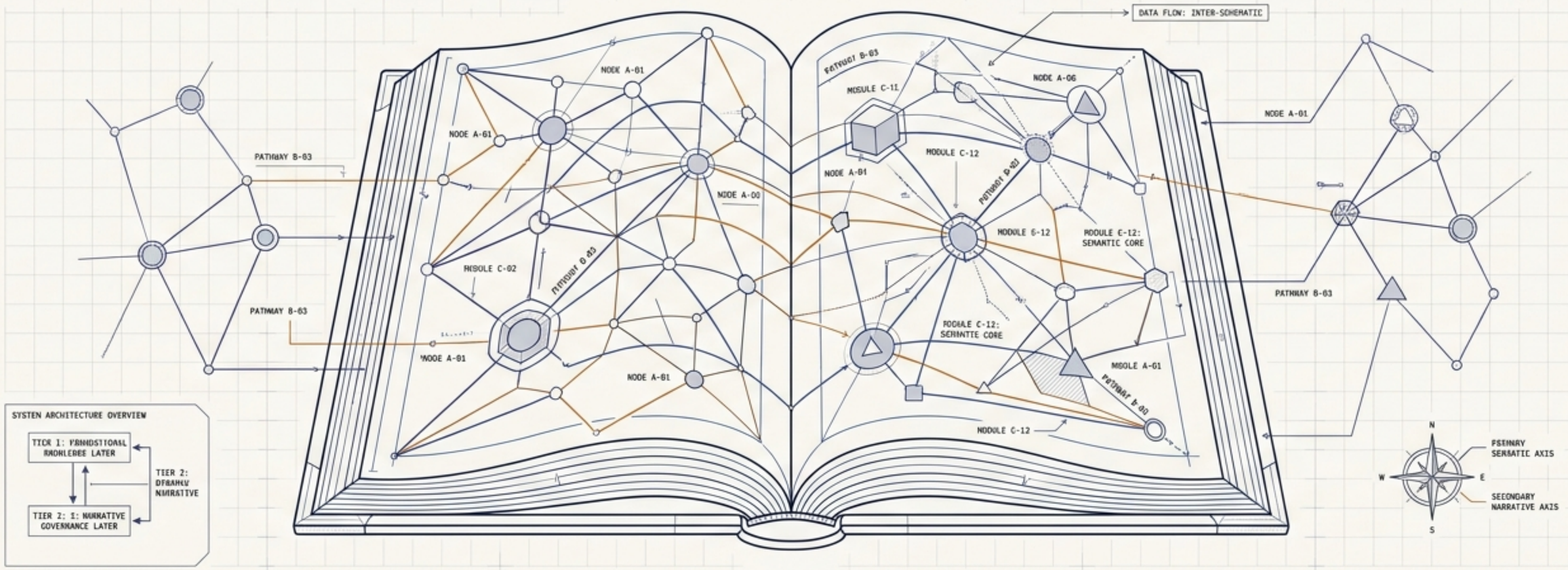
Architecting the Galaxy, Not a Star Model for TTRPG Semiotics.

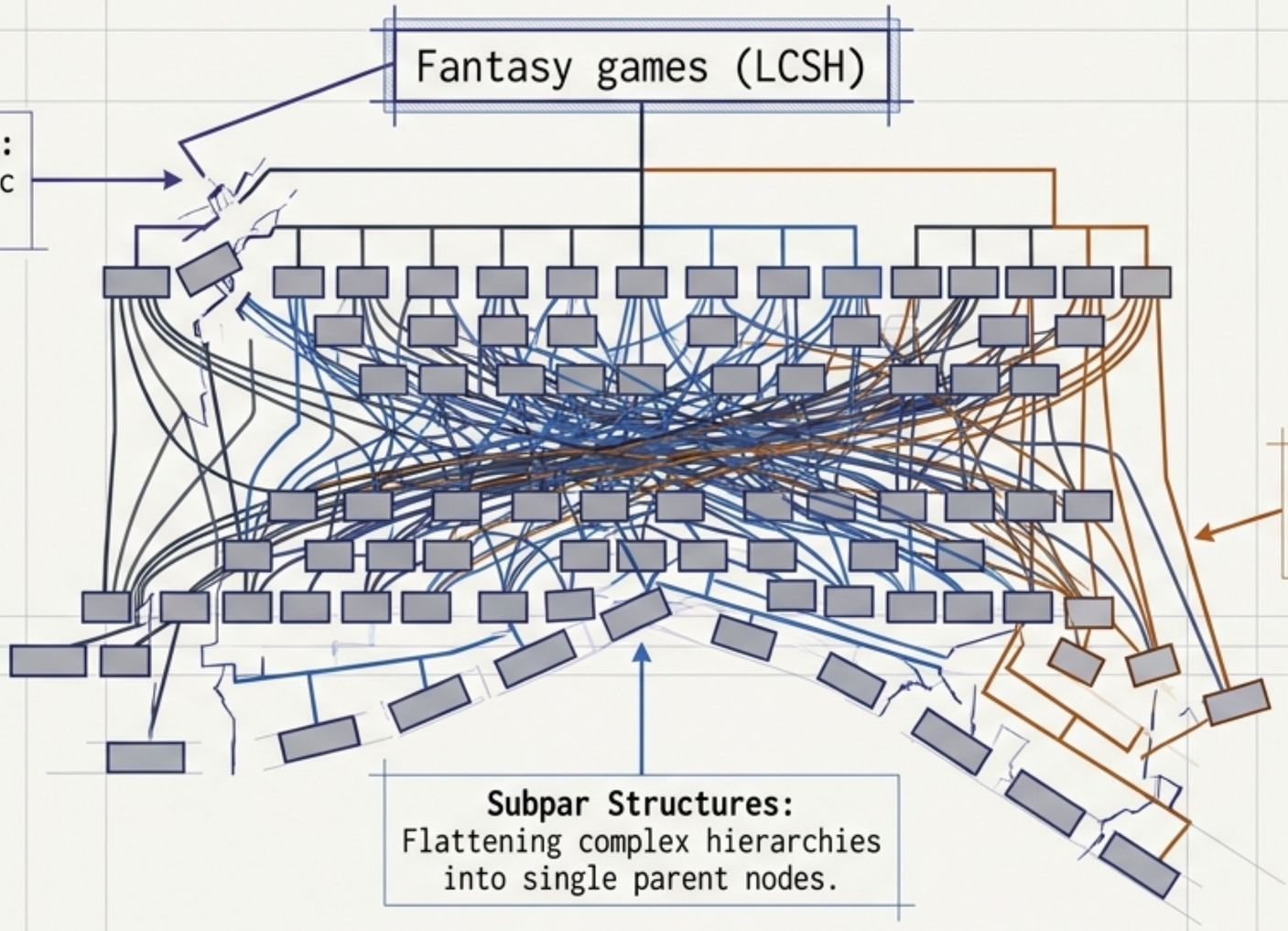
THE AKASHIC ATLAS

Two-Tier Governance for Multi-Cardinal Knowledge Schemes.



NotebookLM

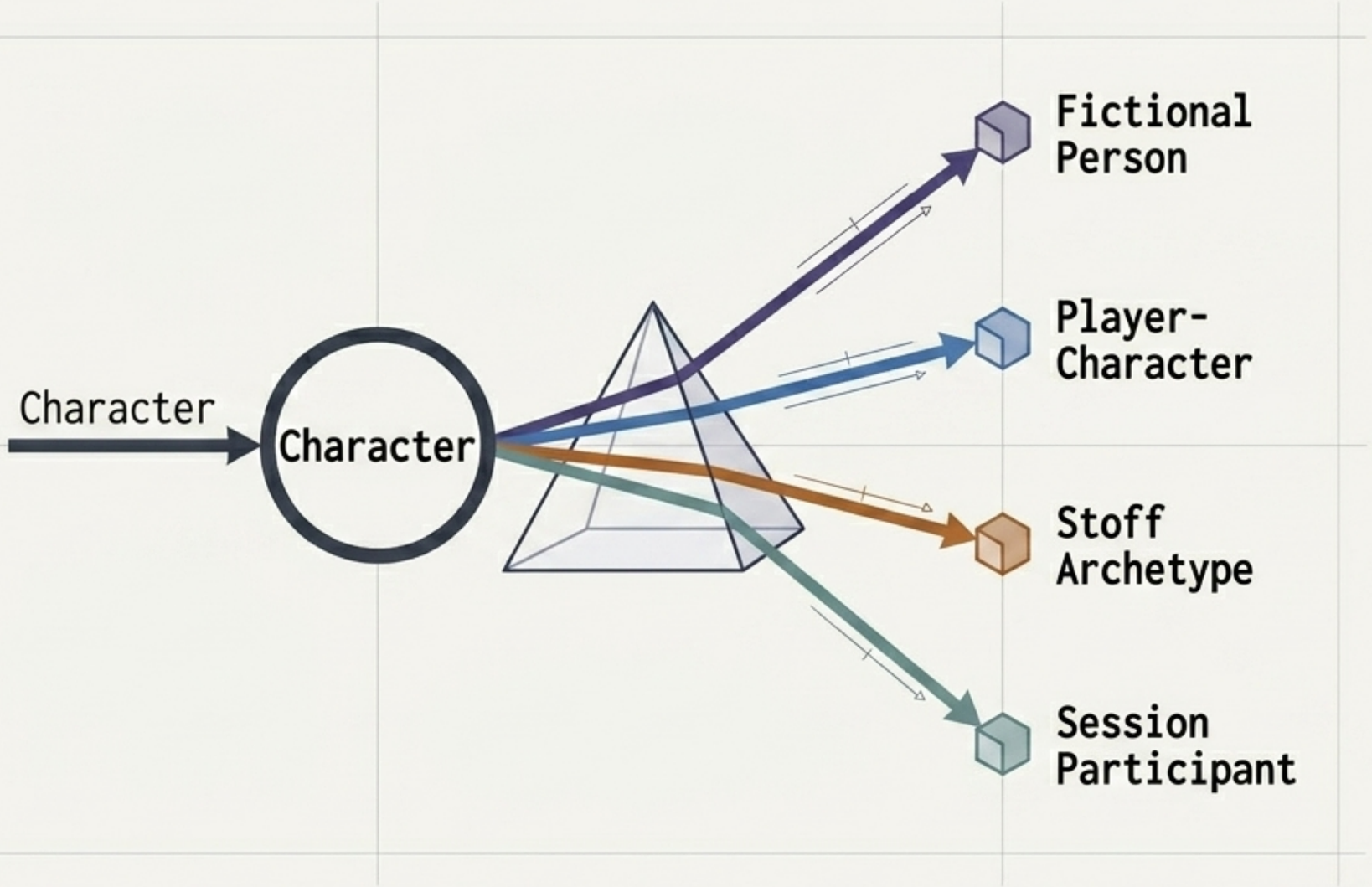
Traditional taxonomies collapse under domain pressure.



Skelton Smith (2024): Major LIS controlled vocabularies fail to describe TTRPGs. The remedy cannot be another master vocabulary; it must be a structural paradigm shift.

NotebookLM

The foundational axiom: One thing is many things.



- **Multi-cardinality** is the default.
- **Single-cardinality** is merely a constraint applied per context, never pre-baked onto the entity.
- Pretending an entity has only one identity is a modeling failure. Real research requires terms to inhabit several identities, schemes, classifications, and stances simultaneously.

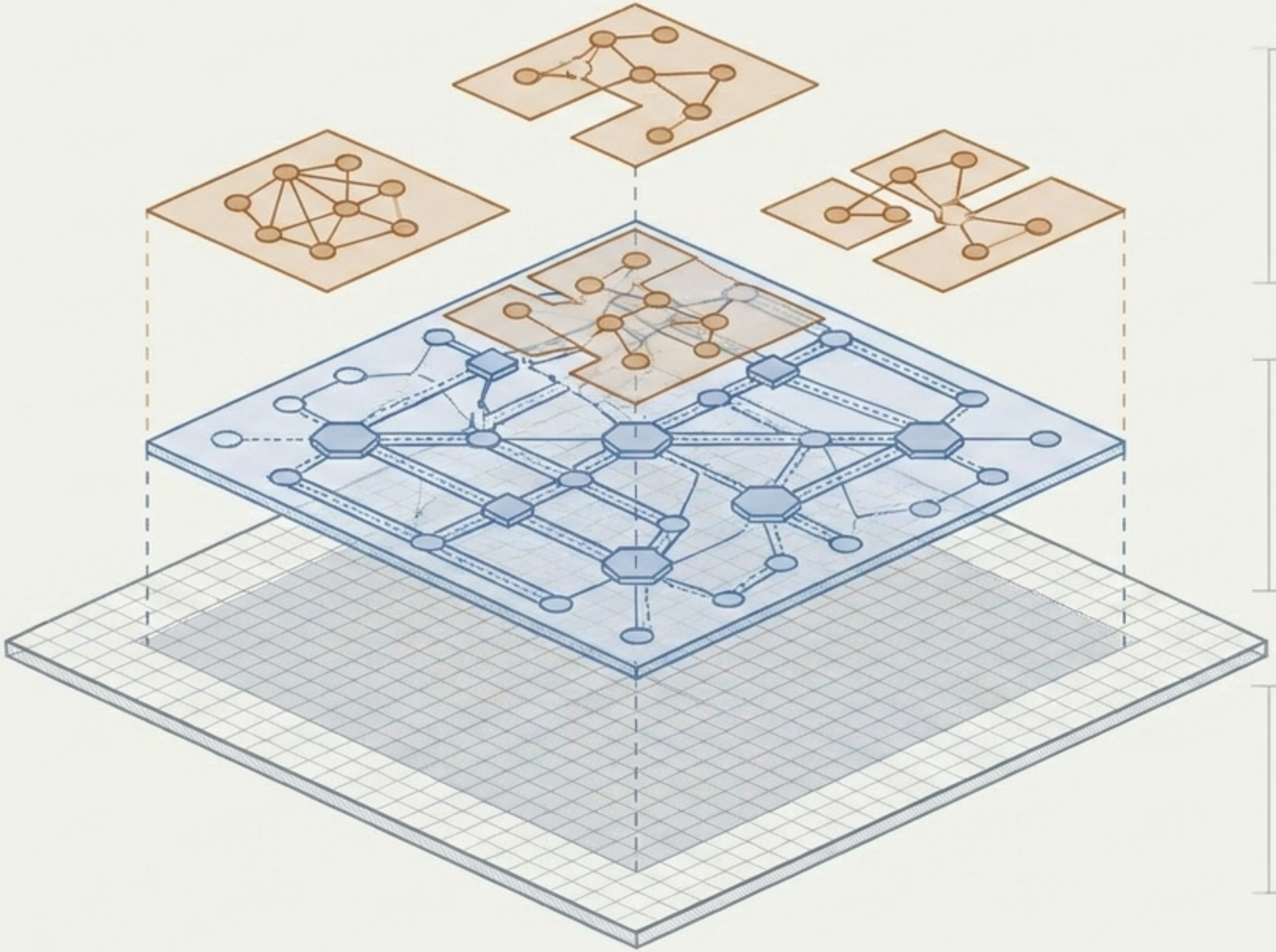
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Architecting the Galaxy, Not the Star.

	The Star Model 	**The Galaxy Model** 
Architecture	**Monolithic Hub** / Master Vocabulary	**Distributed Registry** of interpretive schemes
Interpretive Grid	Universal & Prescriptive	**Local, Typed, and Persisted**
Handling Disagreement	Flattened or Erased	**Preserved natively as queryable data**
Semantic Authority	Centralized Dictionary	**Ecosystem of Packages**

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The Three-Tier Lexicon provides structural load-bearing.



Tier 3: Local Extensions

Per-group, per-paper extensions. Scope-bounded local sharpening that does not pollute the global lexicon.

Tier 2: Curated Formal Layer

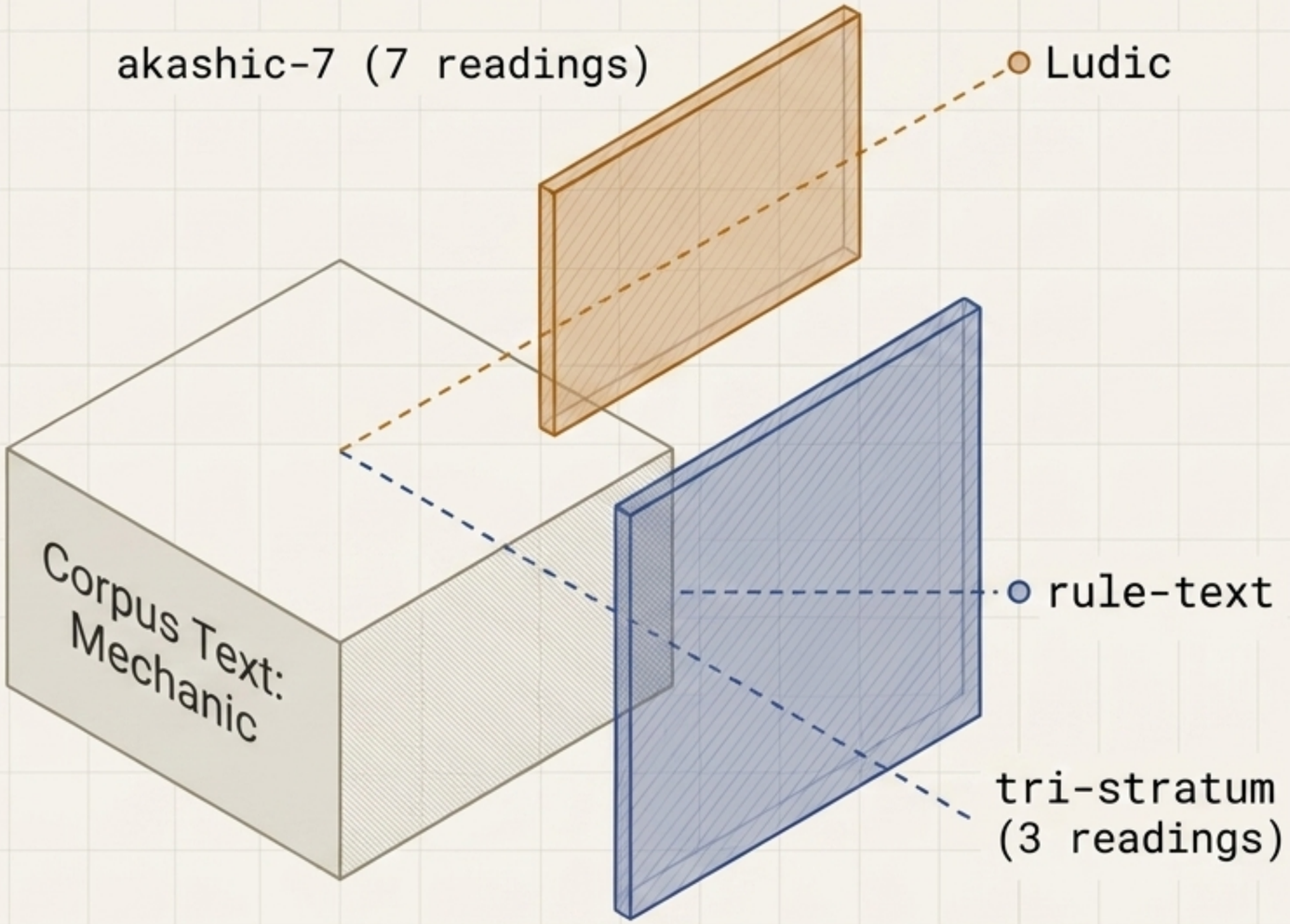
DOLCE-Lite-Plus + akashic-core. Anchors reasoning and cross-vocabulary alignment.

Tier 1: Global Background

Wikipedia / Wikidata. Always-on ambient gloss for signed-in users.

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Interpretive schemes are stored as database rows, not platform rules.



The architecture relies on `core_stratum_schemes`—a registry of schemes.

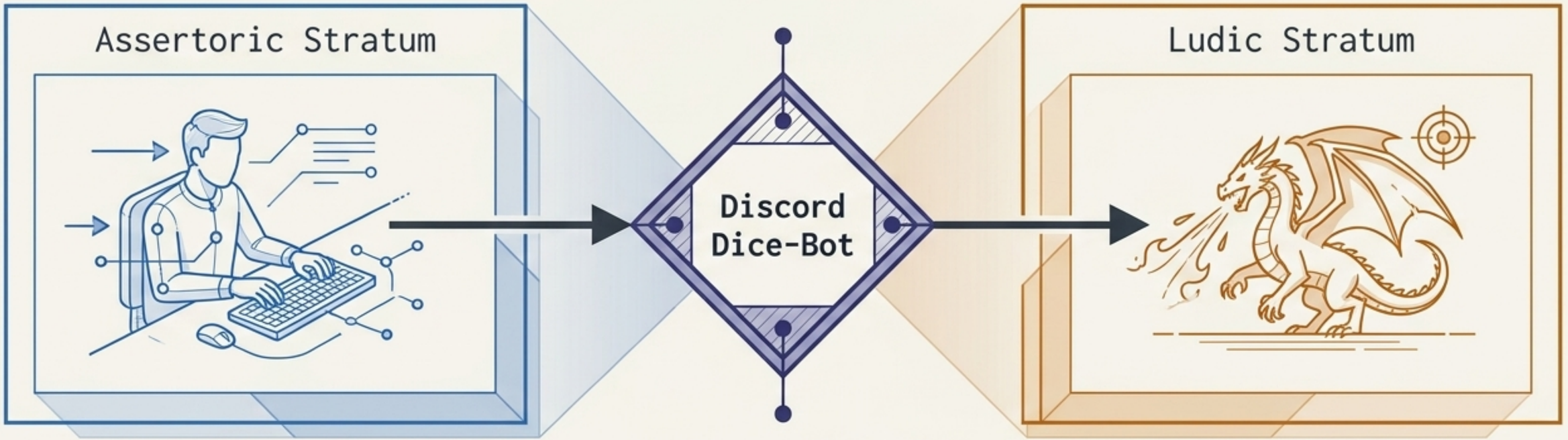
Groups select a scheme, and reads against the corpus become scheme-aware.

Both classifications are stored. Neither erases the other.

A query asking “how does this group classify this term?” returns the correct local answer.

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Bridge entities translate across typed strata.



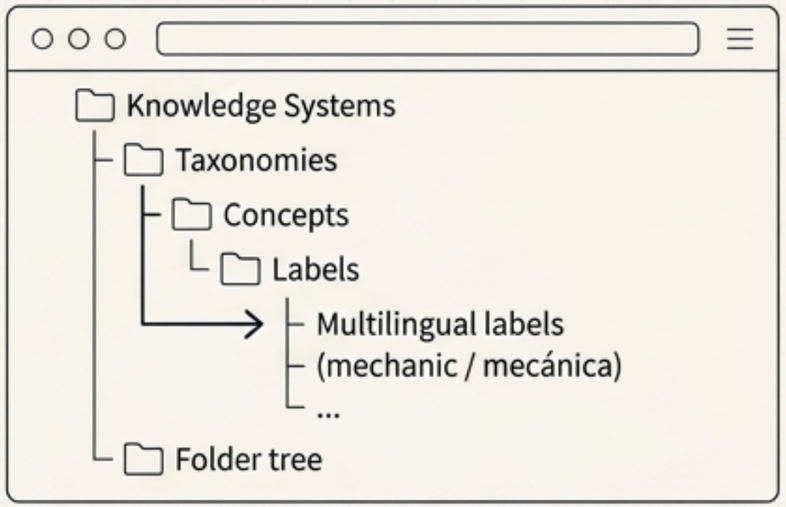
Refusing the false choice between “just a tool” and “just a mechanic”.

Bridge entities are first-class concepts designed to translate between strata. By modeling the dice-bot as a **typed concept** with edges to both strata, the architecture correctly maps its actual role: translating real-world input into in-fiction effects.

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SKOS provides a shared inference surface for humans and machines.

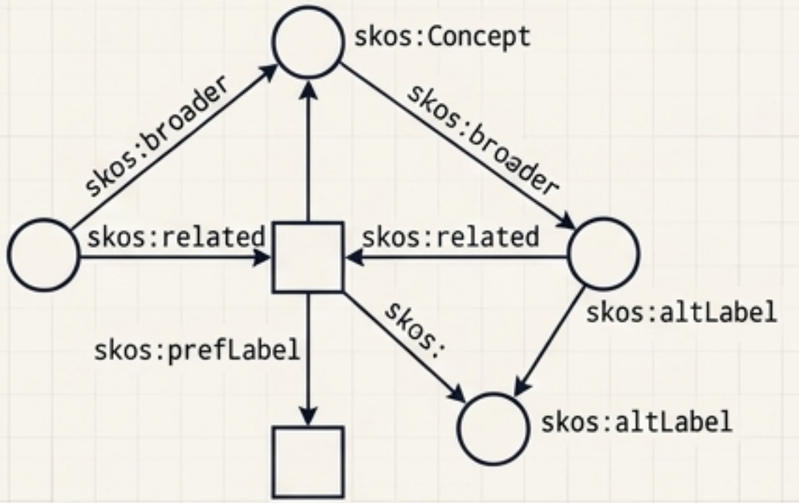
Human Curation



Predictable labels, multilingual (mechanic / mecánica). Labels are mutable.

SKOS Core

Machine Processing



Processable graph, typed edges, immutable IRIs.

The AI Implication: A language model reasoning against this graph operates inside a predefined semantic frame. Hallucinations drastically shrink because the model is constrained to a **closed set of typed concepts and relations**, unlike prompting against raw prose.

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Mapping academic disagreement as a structural, queryable fact.



Literature reviews no longer hide conflict in footnotes. When two schools genuinely disagree on a definition, the Atlas records that divergence in **term_definitional_stances**. A machine asking "Is this corpus consistent on this term?" receives a definitive structural answer.

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Ontologies function identically to software package managers.

Semantic Concepts	NPM / Developer Equivalent
skos:ConceptScheme	The Package (npm)
IRI	Stable Coordinates
export_visibility	Access Modifiers (pub, internal)
Include	Compositional Dependency (package.json)
Use	Run-time Activation (npm install)

The platform provides naming, ownership, and resolution; the publisher populates. Research groups author their own schemes without asking platform permission, just as developers write a package.json.

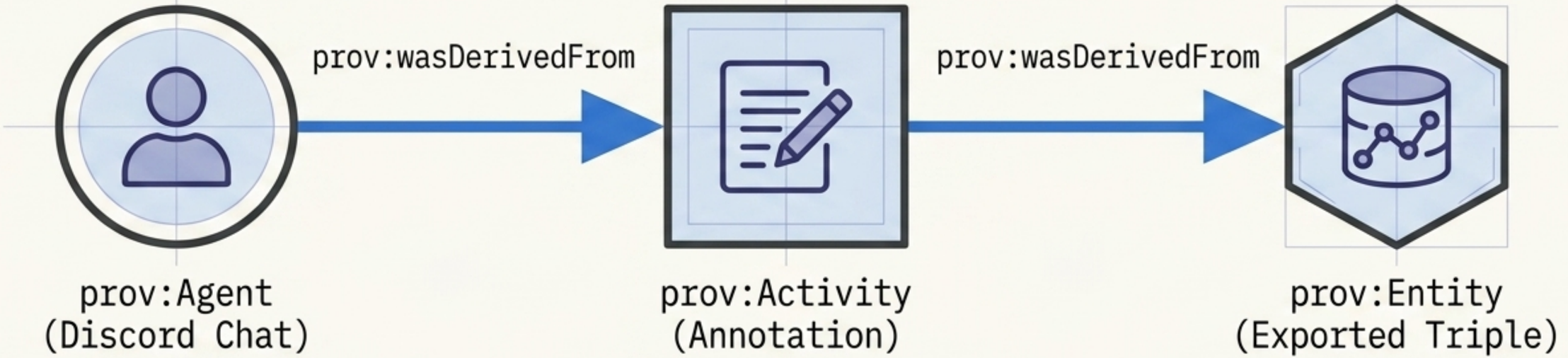
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Three modes of layered governance.

Governance Mode	Usage Status	Ownership Scope	Description
Curated Default	`own`	`platform`	Platform-controlled, foundational concepts (e.g. akashic-core). Editable only by platform admins.
Upstream Import	`adopted`	`NULL`	Synced mirrors of external ontologies (e.g. CIDOC-CRM). Updates land via reviewed PRs.
Group Extension	`own`	`group / author`	Self-serve, local research concepts without platform bottleneck. Promotion requires explicit editorial act.

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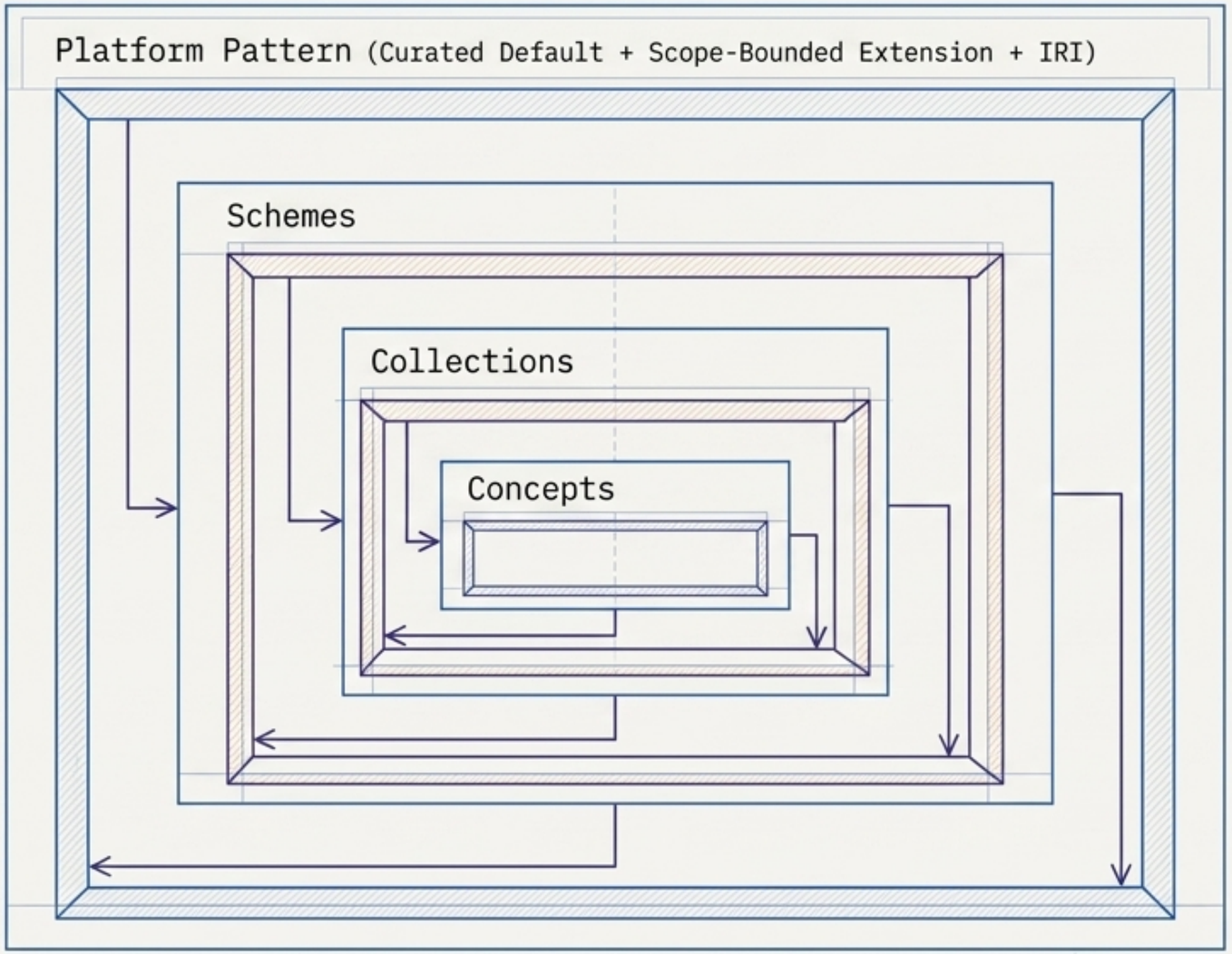
In amateur knowledge domains, provenance is data, not metadata.



- A concept introduced by a peer-reviewed paper, a Discord conversation, and a podcast transcript mean three different things at the level of warrant.
- The Atlas uses PROV-O to track the exact lineage of every assertion, ensuring the distinction is never flattened.

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The Fractal Architecture: Recursion without ceilings.



The exact same architectural pattern—`Curated Default + Scope-Bounded Extension + IRI Identity`—applies uniformly across the entire platform.

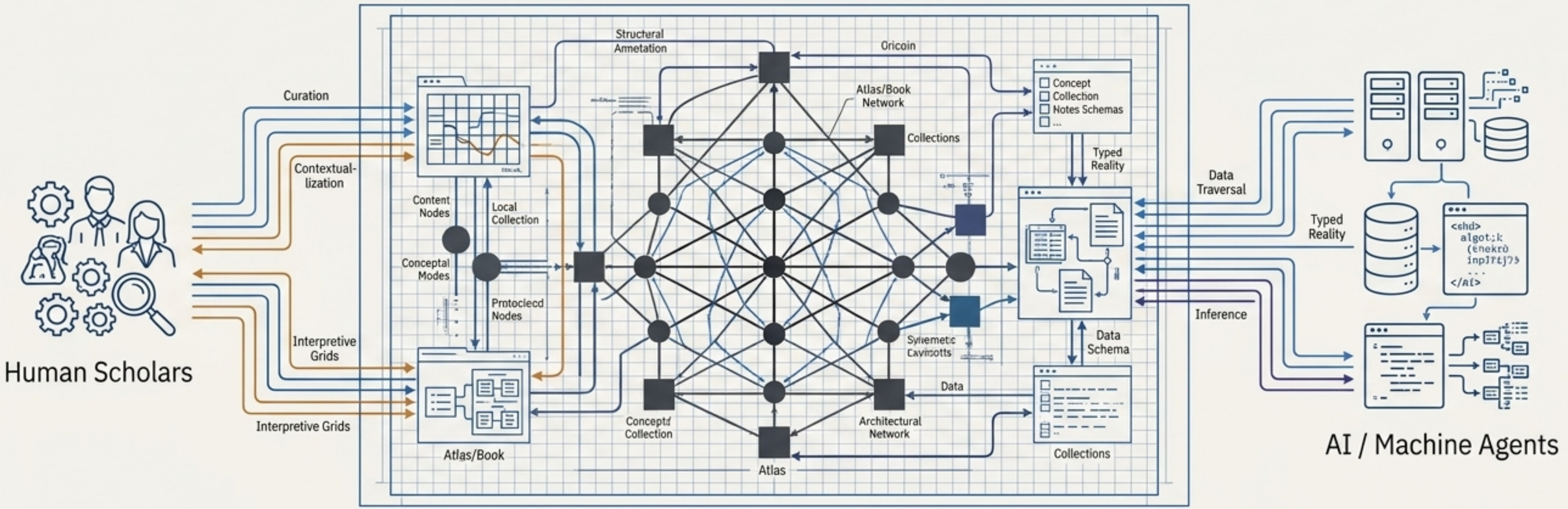
One resolver primitive doing pickers at every level.

One export rule governing RDF emission.

This strict uniformity promises infinite extensibility without losing coherence or creating layer-specific exceptions.

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A pluralistic ecosystem for contested knowledge



HUMAN EMPOWERMENT

Gives human curators control over their local interpretive grids and honest representation of contested fields.

MACHINE RELIABILITY

Provides machine agents with a hallucination-resistant, typed reality to traverse securely.

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