

ANGELUSARITY

Conversational Ontology Discovery for Application Creation

Technical Whitepaper

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Executive Summary

Angelusarity is a theoretical framework and a conversational mechanism for discovering, together with whoever is building an application, the ontological structure that application needs — without requiring data modeling or programming knowledge. The creator describes their reality; Angelusarity discovers the correct representation, validates it against the declared purpose, and keeps it coherent even as that purpose evolves.

Unlike LLM-based application generators and existing no-code platforms, Angelusarity does not silently infer a data model or hand it over finished. It turns the creator's purpose into an active constraint that the system verifies at every modeling decision, explicitly negotiates where to stop the depth of each concept, and automatically reconfigures what has already been built when that purpose evolves — always preserving its history.

Angelusarity does not generate applications from a description. It governs the coherence of a reality while that reality is being discovered — and it never lets the creator build something that contradicts what they themselves said they wanted.

This document presents the framework's foundations, findings from an eight-session dialectical validation exercise, a real end-to-end use case, and an honest comparison against the current market. It closes with a clear statement of status: the theory is proven on paper and validated through structured case simulation; its validation through real implementation and use remains pending.

1. The Problem

Building a business application, no matter how simple it seems, requires data modeling decisions: which entities exist, how they relate, which events transform them. These decisions are difficult even for experienced software architects, and are practically inaccessible to the person who best understands the business — the owner, the administrative employee, the operator — because they demand a technical language that isn't theirs.

1.1 What already exists, and where it falls short

- Domain-Driven Design (DDD) and classic conceptual modeling produce rigorous results, but require a human architect to translate the business into the model — an expensive, slow bottleneck.
- No-code platforms (Bubble, Airtable, Retool) lower the technical barrier, but let the user make structural decisions with no mechanism to validate their coherence against a declared purpose.
- LLM-based application generators (v0, Lovable, Replit Agent) infer a data model automatically — but decide alone how deep to go, without the user participating, and with no mechanism preventing two different applications in the same organization from ending up with two different truths about the same concept.

The result, in all three cases, is the same problem that costs any mid-sized company the most money: systems that don't talk to each other, and data models that silently corrupt as the business evolves.

2. Foundations of Angelusarity

2.1 Central Principle

The creator never programs. The creator describes their reality. Angelusarity discovers the best possible representation of that reality.

Angelusarity does not begin by asking what tables or what database the creator needs. It begins by asking who the creator is, from what perspective they observe their reality, and what they want to achieve — because that intent is what determines every structural decision that follows.

2.2 The Foundational Ontology — Three Universes

Every reality Angelusarity discovers is organized into three universes, each answering a different question:

Universe	Question it answers	Fundamental Unit
Existential	What exists?	Singularity — a unique, identifiable existence (Person, Company, Product)
Transformation	What changes reality?	Event — a transformation that modifies the model (Hire, Sell)
Governance	What preserves the order of reality?	Tutelage — the protection and preservation of a relationship between existences

Acting on this foundation is a fourth level, the Language: the Unit of Meaning, the smallest particle of knowledge composing any Singularity, Event, or Tutelage — unique, reusable, and independent of any implementation technology.

2.3 The Discovery Mechanism

Ontological structure is never imposed on the creator. It is discovered through a Foundation Engine that traces back along the causal chain of each concept — proposing, exemplifying, never deciding alone — until the creator explicitly confirms where to stop that regression. The system knows the answer before asking, but asks anyway, because the goal isn't to hand over a correct model — it's for the creator to arrive at that model through their own reasoning and recognize it as their own.

3. What's Genuinely New

An eight-session validation exercise, subjecting the theory to deliberately uncomfortable counterexamples, made it possible to precisely separate which part of Angelusarity already exists in the market under another name, and which part has, as far as could be compared, no direct precedent.

3.1 What should not be sold as a differentiator

The Singularity / Event / Tutelage triad, taken in isolation, is recognizable as Domain-Driven Design under different vocabulary to any experienced software architect. Angelusarity's value is not in that taxonomy — it's in the engine that governs it in real time.

3.2 The three defensible pillars

Purpose as an executable invariant

The entire market treats an application's purpose as a prior conversation that gets documented and archived. Angelusarity turns it into a constraint the system actively verifies every time the creator attempts a modeling decision, and can reject it if it contradicts that purpose — forcing a choice between fixing the model or changing the declared purpose.

Negotiated ontological regression, not silently inferred

LLM-based generators decide alone how deep to take a data model. Angelusarity proposes, exemplifies, and lets the creator explicitly confirm the limit, level by level — the difference between a system that guesses and one that interviews.

Cascading reclassification with strict separation between data and experience

No current schema migration system requires a structural change to be validated against an event and governance model before being applied, nor guarantees that historical data remains untouched while the visible experience automatically rebuilds around it.

Governance across multiple applications

No ERP, CRM, or AI application generator guarantees that, across projects built by different people at different times, a single reality — a single Customer, a single Company — never gets duplicated. Angelusarity treats this as a principle of ontological incorruptibility: the organization can never hold two truths about the same thing, no matter how many applications or creators are involved.

4. End-to-End Validation Case

As part of the validation exercise, a real domain was built from start to finish: an agricultural products company exporting 30% of its sales to the United States, with the declared purpose of giving the owner visibility into profitability to decide whether to invest.

4.1 Resulting Discovery

Element	Classification	Justification
Company (Customer)	Primary Singularity	The creator confirmed no need to track its legal incorporation
Product	Primary Singularity, with cost as its own Characteristic	The creator confirmed no need to track the origin of the cost
Register Sale	Event	Participants: Company + Product. Result: Sale, with destination country and initial State
Order Preparation	State of the Sale	Born with Register Sale; never lives in Company nor Product

None of the laws formalized across the prior seven sessions needed a new exception to support this real case. The Declared Limit Law applied twice without friction, across two distinct Singularities; the Law of State was confirmed naturally in the Sale; and the declared purpose guided every boundary traced, start to finish, without contradiction.

5. Market Comparison

Category	Market status	Angelusarity's position
Domain modeling	DDD, formal ontologies — require a human architect	Discovered in dialogue with someone without technical training
AI app generation	Infers the model and decides its depth alone	Explicitly negotiates depth with the creator
Schema migration	Rails, Django, Prisma — migrate without validating against purpose	Validates in cascade against the three universes before applying
Person/Individual identity	Already exists in government identity systems (eIDAS, MOSIP)	Derived automatically through dialogue, not hand-designed
Cross-system coherence	Reconciled manually (spreadsheets, ad hoc integrations)	Ontological incorruptibility guaranteed by design

6. Validation Status

This whitepaper describes a theory proven on paper, through a rigorous eight-session dialectical exercise and one real application case fully resolved through structured simulation. Every deliberately introduced counterexample — including edge cases such as reclassifying already-materialized Singularities, the symmetry of Contextual Boundary, and coordination across distinct applications — was resolved by extending the existing theory, with no need for patches that contradicted it.

What remains to be proven: The validation described in this document is conversational and based on internal consistency. Angelusarity does not yet exist as production software, and has not been subjected to real data, real concurrency, or creators unfamiliar with the theory beforehand. Full validation requires a real implementation and real-world use under uncontrolled conditions — that is, honestly, the next step, not an already-achieved fact.

7. Next Steps

- Reference implementation: separating the ontological layer (a deterministic engine backed by a verifiable knowledge graph) from the pedagogical layer (the conversational dialogue that today lives in this exercise).
- A pilot with a real production case, with real data and real users, to expose the theory to conditions that structured simulation cannot replicate.
- Systematic evaluation of the pedagogical layer against a bank of already-identified edge cases, to ensure the accompaniment tone — never corrective, always Socratic — holds consistently and measurably.
- Detailed design of the single ontological engine that guarantees Ontological Incorruptibility across multiple applications within the same organization.

Conclusion

Angelusarity proposes something different from an application generator or a no-code platform: an active-governance mechanism that turns the purpose of whoever is building into the axis that determines, validates, and preserves the coherence of a reality while that reality is being discovered — across applications, across creators, over time. The theory withstood, without fracturing, eight sessions of deliberate dialectical pressure and one real end-to-end case. What remains, with the same honesty with which it was built, is the proof that only real implementation can offer.