The Pragmasophy Meta-Model

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"A Unified Architecture for Knowing, Valuing, and Doing"

Abstract

Pragmasophy is presented as a novel meta-theoretical framework designed to unify the processes of knowledge validation (Verity), value assignment (Value), deliberative choice, and action enactment within a single, recursive system. This essay explores the Pragma-Sophy Meta-Model, an architectural blueprint that integrates insights from philosophy, systems theory, and cognitive science to address the complexities of a "mixed-agent" ecosystem, which includes both human and intelligent robotic (i-r BOT) agents. The model is anchored in the ontological primitives of Being and Becoming, structured by the axio-epistemic domain of Knowing (Systemics and Wisdemics), realized through the praxeological domain of Doing (Praxemics and Actemics), and driven by the continuous spiral of Evolution. The framework's strength lies in its explicit fusion of axiology and epistemology into a coherent basis for intentional, eudemonic action, offering a robust model for responsible navigation of a dynamic reality. The essay proceeds to unpack each domain, demonstrating how Pragmasophy provides a necessary, future-ready schema for integrated intelligence and ethical enactment.

Anchor for Concepts
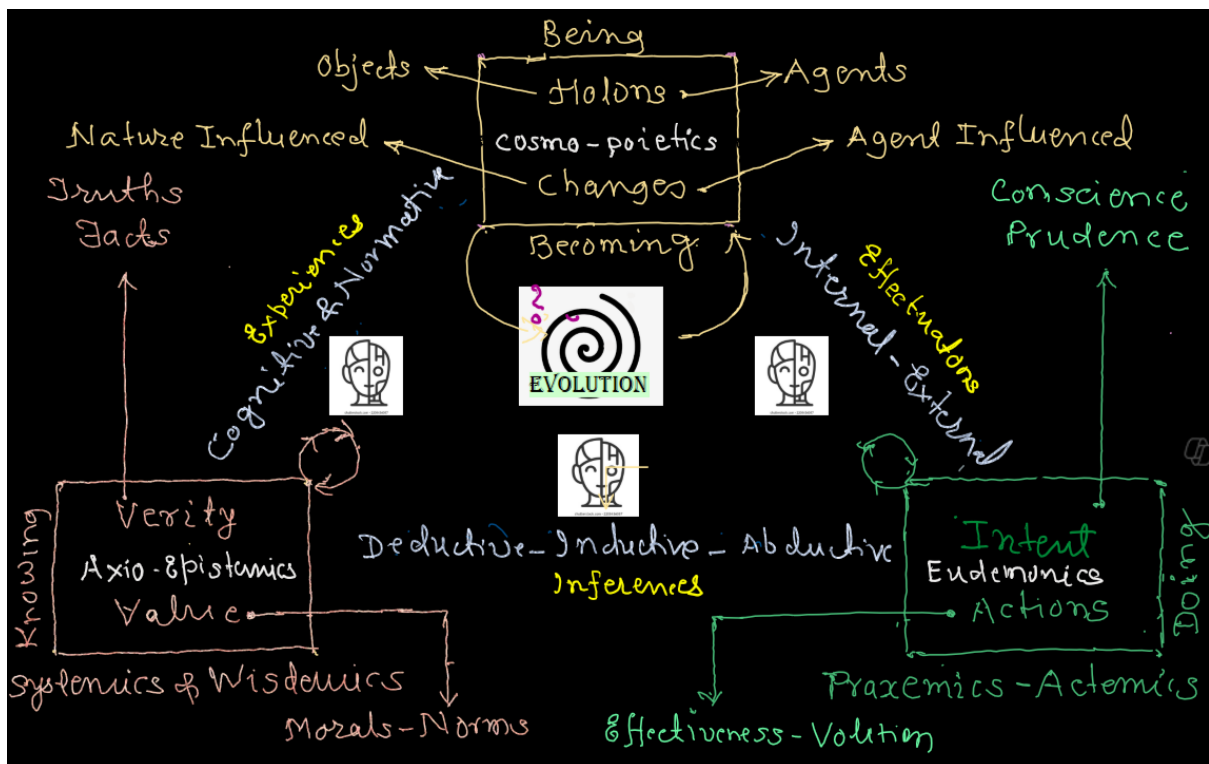
1. Introduction:

The contemporary environment is characterized by unprecedented complexity, driven by the cohabitation and co-evolution of natural (human) and engineered (intelligent robotic) agents. Traditional philosophical and scientific models, often fragmented into distinct, non-communicating disciplines, prove inadequate for charting a course through this mixed-agent reality. Pragmasophy emerges as a response to this fragmentation, offering a unifying schema designed to bridge the chasm between knowledge, ethics, decision, and action.

The **Pragma-Sophy Framework** is a meta-theoretical model that maps how **Verity** (truth/facts) and **Value** (morals/norms) evolve and guide intentional agency. It serves as both a theoretical map for understanding and a practical guide for system design and decision-making. At its core, the framework is recursive, establishing an **Evolutionary Loop** that ensures epistemic grounding is perpetually updated by the ethical and pragmatic consequences of actions. The full scope of Pragmasophy encompasses four primary domains: the Ontological anchors of Being and Becoming, the Axio-Epistemic domain of Knowing, the Praxeological domain of Doing, and the central mechanism of Holonic Evolution. This essay will systematically dissect these domains, underscoring the disciplinary fusions that define this comprehensive system.

2. The Ontological Foundation: Being, Becoming, and Cosmo-Poietics

The foundation of the Pragmasophy Meta-Model is secured by two ontological primitives situated at the apex of the architectural diagram: **Being** and **Becoming**.

Being denotes the stable, identifiable, and structured existence of an entity, which Pragmasophy terms a **Holon**. A Holon is a core systemic concept, defining an entity as simultaneously a whole unto itself and a constituent part of a larger system. This perspective rejects absolute dualism, viewing all entities—from a human mind to an artificially intelligent system—as relational wholes-in-parts.

Becoming represents the dynamic, emergent transformation of these Holons over time. It is the domain of continuous change. This change is not arbitrary but is governed by **cosmo-poietics**, the study of how reality constructs itself through dual forces: **Nature-Influenced Changes** (governed by physical laws and inherent facts) and **Agent-Influenced Changes** (driven by design, will, and intentional actions of Holons). Here, Pragmasophy enacts a crucial

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synthesis, moving beyond the traditional separation of natural and artificial existence by fusing **nature's creations (Objects)** with **agents' creations (Agents)** into a single field of **Holons**. This fusion is vital, as it necessitates a common systemic and ethical lens through which to view all transformation in the real world. The interaction between **Being** (the stable state) and **Becoming** (the flux) forms the philosophical basis for all subsequent knowledge, action, and system evolution.

3. The Axio-Epistemic Core: The Domain of Knowing

The left base of the framework is dedicated to the **Domain of Knowing**, which is structurally divided into two synergistic disciplines: **Systemics** and **Wisdemics**.

3.1 Systemics: The Epistemic Engine of Verity

Systemics functions as the epistemic engine, solely concerned with the verifiable aspects of reality. It focuses on structuring and validating knowledge derived from **Facts** and **Truths** through empirical experimentation and logical inference. The central output of Systemics is **Verity**, which measures the credibility, coherence, and empirical grounding of statements. This knowledge is derived using a triad of reasoning modes:

- **Deduction:** Deriving specific conclusions from general, accepted premises.
- **Induction:** Generalizing broad principles from observed, specific instances.
- **Abduction:** Generating the most plausible hypotheses to explain incomplete data or observations.

Systemics is primarily descriptive, answering the question: "*What is true?*"

3.2 Wisdemics: The Normative Engine of Value

Wisdemics acts as the normative engine, concerned with the domain of ethical and moral judgment. It deals with the assignment of **Value**, which includes **Morals** (universal, fundamental ethical tenets) and **Norms** (contextual, socially or agentically defined rules of conduct). Wisdemics is prescriptive, addressing the crucial question: "*What ought to be done?*" or "*What is benevolent/coherent?*" It interprets actions based on conscience and prudence, giving ethical direction to knowledge.

3.3 The Fusion of Axio-Epistemics

A defining feature of Pragmasophy is the explicit fusion of these two domains, integrating axiology (the study of value/ethics) and epistemology (the study of knowledge/truth) into a unified **Axio-Epistemics**. This synthesis ensures that knowledge is not merely validated but also ethically directed. The **Experience** bridge, which connects the Real World to the Domain of Knowing, is simultaneously **Cognitive** (the measurement and perception of facts) and **Normative** (the interpretation and judgment of those facts). This duality ensures that the resulting pool of knowledge, with its topological structure, is intrinsically responsible and actionable, serving as the necessary foundation for subsequent decision-making. This fusion demonstrates the framework's capacity to integrate **science (Systemics)**, **philosophy (Wisdemics)**, and the **humanities (Morals/Norms)**.

4. The Praxeological Enactment: The Domain of Doing

The right base of the framework constitutes the **Domain of Doing**, which translates the validated and valued knowledge from Axio-Epistemics into concrete, goal-oriented changes in the Real World. This domain is composed of **Praxemics** (decision-making) and **Actemics** (action-taking).

4.1 Praxemics: The Study and Design of Decisions

Praxemics, a term coined within this schema, focuses on the theory and design of decisions. It is the deliberative choice space where **Verity** (what is true) and **Value** (what is right) converge to form **Intent**. Decisions are not simply mechanistic choices but are informed by both **Conscience** and **Prudence**. Praxemics investigates the encoding of goals—both benevolent (aligned with morals) and pragmatic (aligned with norms and effectiveness)—in agent behaviour. It addresses the strategic and tactical modes of decision-making, ensuring that the chosen path aligns with the higher-level purpose of the system.

4.2 Actemics: The Enactment of Actions

Actemics, the complementary discipline, deals with the actual enactment of these decisions as real-world **Actions**. It investigates the temporal properties of action sequences and the mapping of short-term acts to long-term **Enactments**. Actemics emphasizes real-world consequences and the responsibility of the agent for the resultant changes.

4.3 Eudemonic Fusion and Effectiveness-Volition

The entire **Domain of Doing** is organized around **Intent Eudemonics Actions**. Eudemonics, in this context, represents the fusion of axiology and **soteriology** (the study of well-being or ultimate purpose), focusing the entire action cycle on achieving beneficial outcomes—a flourishing or optimal state of **Conscience** and **Prudence**. The conversion of decision into action is mediated by **Effectiveness-Volition**, a process of wilful and adaptive execution that aims for the optimal impact given the systemic constraints. By translating validated ethical intent into effective action, Pragmasophy ensures that the agents' will is realized responsibly in the Real World.

5. Holonic Evolution and the Mixed-Agent Ecosystem

The centre of the Pragmasophy Meta-Model is occupied by the **Real World** and the central spiral of **EVOLUTION**, which embodies the recursive, bootstrapping logic of the entire system.

5.1 The Recursive Evolutionary Loop

The model is defined by its closed-loop structure, ensuring that the system is not static but continuously learning and adapting. This spiral of **Evolution** is cumulative, not merely cyclic, and functions as follows:

1. **Knowing** (Verity and Value) leads to **Intent**.
2. **Intent** leads to **Actions** via Praxemics.
3. **Actions** via Actemics, transforming the **Real World**.
4. **Internal and External /Effectuations** then transform the world.
5. These new experiences feed back into the Domain of Knowing, generating updated knowledge and refining Systemic **Inferences**.

This process introduces learning and adaptation into every iteration, ensuring that the framework remains perpetually relevant to the changing environment it helps to create.

Written for PragmaSophy

5.2 The Mixed-Agent Imperative

A crucial dimension of the Pragmasophy Framework is its explicit recognition of the **Mixed-Agent System**. The diagram's hybrid icons—half-human, half-robot—symbolize the cohabitation, co-action, and co-evolution of human and intelligent robotic agents. The entire meta-model is designed to be **extensible** to both natural (conscious) and engineered (intelligent) agents.

This necessitates a single, unified framework where:

- **Systemics** provides the common logic for empirical validation, equally applicable to a human scientist or a machine learning algorithm.
- **Wisdemics** establishes an ethical baseline (Morals/Norms) applicable to both the design of intelligent systems and the conduct of human beings.
- **Praxemics** and **Actemics** provide a unified theory of agency, allowing for the analysis and design of deliberative choices and actions, regardless of the agent's substrate (biological or silicon).

This approach fully realizes the fusion of human agents and i-r BOTS, making Pragmasophy a critical discipline for the ethical and pragmatic governance of the future global system.

6. Recapitulation

The Pragma-Sophy Meta-Model is far more than a conceptual map; it is the architectural blueprint for an integrated philosophy of existence, knowledge, value, and action. By establishing the ontological primitives of Being and Becoming, fusing axiology and epistemology into a single **Axio-Epistemics** foundation for responsible knowledge, and formalizing the decision-action sequence through **Praxemics** and **Actemics** toward **Eudemonics**, the framework closes the recursive loop of evolution. It offers a robust, future-ready model for how all Holons—particularly those within the **mixed-agent ecosystem**—can navigate reality responsibly and intelligently. Pragmasophy provides the unified language necessary to move beyond disciplinary silos, creating a coherent, self-sustaining system where knowledge is intrinsically responsible, and action is intentionally aligned with collective well-being.

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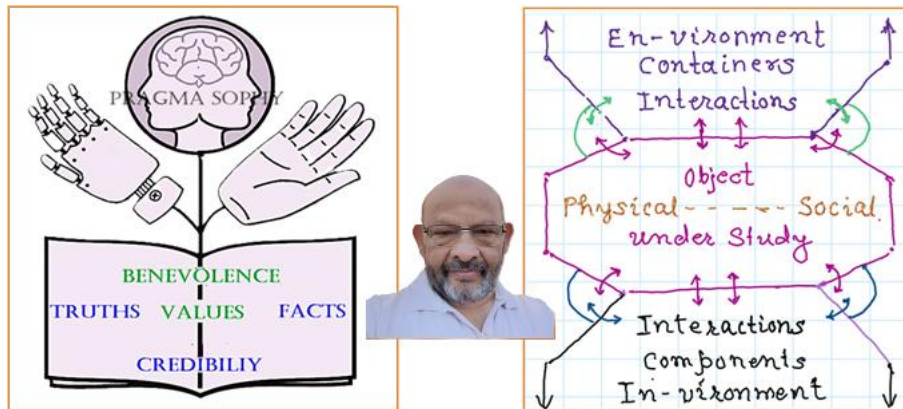
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