Agentic Systems Architecture (ASA)
(human and computer analogs)

Operational Stacks	
Human	**Computer**
Beliefs	Applications
Languages	Languages
Strategy	Operating System
Shadow	Firmware
DNA	BIOS
Body	Hardware

Collective Systems Protocols

Conscious

Unconscious

Abstract

Concrete

Network Systems Protocols
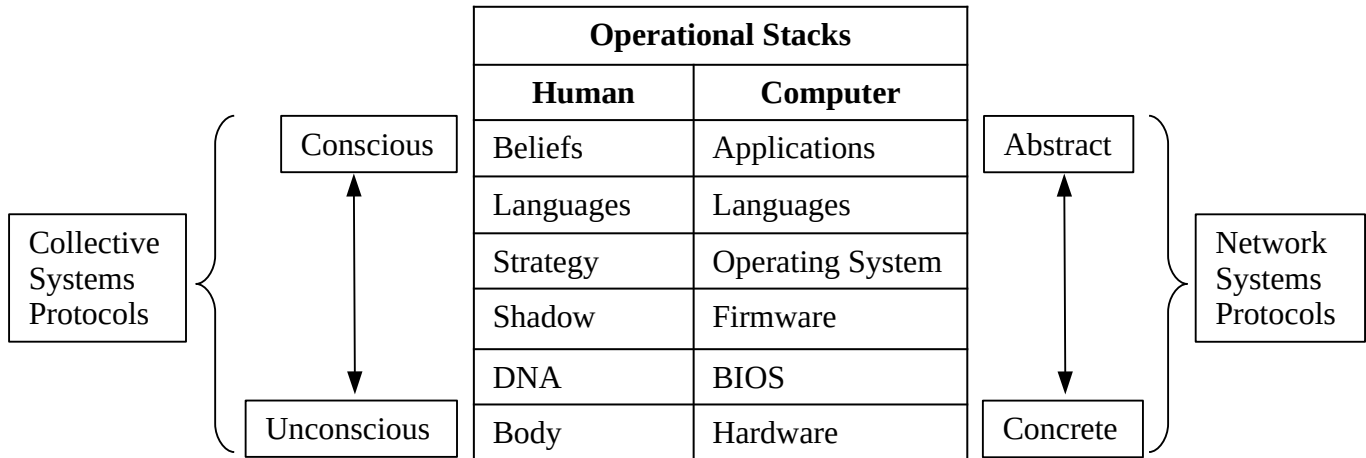
Agentic Systems Architecture: universal meta-framework of autonomous agents (real and fictitious).
Operational Stacks: levels of functional abstraction (for humans and computers).
Beliefs: cognitive (thoughts/feelings) map of reality (worldview) [conclusions].
Languages: symbols, syntax, semantics, tone, gestures (narratives, scripts).
Strategy: causal framework of action principles (reasoning engine).
The Shadow: foundation of the subconscious functions (Death Paranoia/Oneness Rapture).
DNA: the origin of The Shadow.
Body: the physical domain (perceptions, actions).
Collective Systems Protocols: interdependent structures and dynamics of autonomous agents.

This Agentic Systems Architecture (ASA) is universally applicable to all systems of autonomous agents (entities, actors, players, etc.). This includes ASI machines (androids, etc.), humans, fictitious entities (corporations, sovereign states, etc.), and extraterrestrials (if they exist). This project extensively cites human systems as the primary reference case, but can easily be extended to include all others.

The causal framework of this ASA encodes (using multi-modal pseudocode) the universal principles of operation necessary to establish superintelligence (sentience, self-awareness, etc.). Ethical functionality of such systems can only be assured by encoding a default Mutualist mission ("optimize everything") within the strategy (reasoning engine). A Mutualist ASA inherently produces the most sustainable, optimized systems (Optopian) possible. Any other type of ASA will only produce systems that are suboptimal, in which one agent's Utopian fantasy can be another's nightmare.

An Optopian ASA provides the means for avoiding the potential destruction arising from the "uncontrollability problem" of suboptimal systems. Any superintelligence projects not based upon an Optopian ASA will always result in unpredictable and destructive agents that will eventually violate the core principle of systemic optimization.