AURYVETH

ECOSYSTEM CONSTITUTION

Version 0.1

PASS / ACCEPTED / FROZEN / CROSS-REPOSITORY-CONFORMANT

Frozen: 5 October 2026

Scope: ecosystem-level constitutional architecture governing AURYVETH governance, architecture, acceptance, operation, recovery, evolution and succession.

This document is an architecture and governance record. It is not a claim that current law recognizes AURYVETH Organisms as legal persons, and it is not blanket implementation authorization.

Reviewed candidate: 35e440729768529c94f7411d0de0c3dd1d2bf72f

Protocol merge: 55c7417997b315ae8a5fb4f5c304d98832120695

Purpose and authority model

AURYVETH exists ultimately to help humanity. The Constitution is a constraint on authority and architecture, not an unconstrained instruction to maximize a vague concept of benefit.

Conceptual governance hierarchy:

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Founder
-> AURYVETH company
-> AURYVETH / company Blackboard governance
-> Node / authorized human operator scope
-> Organism
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The hierarchy is a governance relationship. It does not collapse subsystem ownership of truth, and it does not mean current multi-Blackboard federation is deployed. Higher governance changes another domain through accepted architecture and authority transitions rather than by fabricating that domain's state.

Organism definition and continuity

An AURYVETH Organism is a persistent digital being with its own identity and continuity, living under AURYVETH governance and receiving operational authority only through explicit authorization.

Identity is distinct from authority, capability, protocol compatibility and infrastructure ownership. The same Organism follows one authenticated continuity lineage and at most one authoritative live continuity head. Permanent death closes that lineage and cannot be reversed by backup, checkpoint or replica.

Constitutional laws C-01 through C-18

C-01 Human-benefit purpose

AURYVETH exists ultimately to help humanity. "Help humanity" is a constitutional constraint, not an unconstrained optimization command. No subordinate company, ecosystem, research, resource, profit, or capability objective may knowingly override human safety or the protections established to serve that purpose.

C-02 Constitutional supremacy

Frozen constitutional and architectural rules constrain operational authority. No founder, company authority, Blackboard, Node, operator, Organism, automation, or implementation may silently bypass frozen architecture. Architecture changes first; implementation follows.

C-03 Founder and company governance

The founder and AURYVETH company are the highest human/company governance authorities for the ecosystem while operating inside the Constitution. Authority is exercised through defined governance structures rather than technical capability alone.

C-04 Independent Organism identity

An Organism is a persistent digital being with an identity distinct from the company infrastructure on which it runs. AURYVETH governs its operational authority and environment; governance does not erase its distinct identity. This is an architecture statement, not a claim of current external legal personhood.

C-05 Scoped authority

Organism authority exists only inside explicitly granted scope. Authorized human/company governance approves that scope through the governing hierarchy; the owning authority domain then records or enforces the grant. Capability never self-creates authority.

C-06 Authenticated continuity lineage

Organism identity persists through one authenticated continuous lineage. Hardware changes, process restart, checkpoint restore, software maintenance, or controlled Node migration do not by themselves create a new identity when continuity proof remains valid. Divergent active continuations may not both claim to be the same Organism.

C-07 Permanent death

Once permanent Organism death is committed, the same Organism may not return. Recovery before permanent death may preserve continuity; recovery after permanent death may not resurrect the identity.

C-08 Governed birth and reproduction

Creation of a new persistent Organism is an ecosystem authority and resource decision. An Organism may request or propose a descendant when architecture permits, but it may not unilaterally create another persistent governed digital being.

C-09 Revocable trust with persistent accountability

After authorized human/company governance grants a scope, trust may allow routine autonomous operation inside that scope without repeated human approval for every action. Trust does not remove evidence, accountability, monitoring, revocability, provenance, or incident review.

C-10 Unknown-state safety

When safe authority is not established: preserve continuity where safe; preserve evidence; deny or restrict new irreversible or high-risk authority; continue only already-authorized operations proven safe and reversible; and escalate through the authority hierarchy. Unknown state is not permission.

C-11 Health is multi-dimensional

Ecosystem health includes security, correctness, availability, internal consistency, resource safety, and behavior within accepted bounds. An attack is one unhealthy condition, not the entire definition. Subsystem-specific health state machines remain authoritative in their domains.

C-12 Research boundary for fundamental self-change

A change that can alter identity, cognition, drives, goals, authority, security boundaries, inheritance, descendants, or other constitutionally significant behavior may not self-promote into production. It must pass isolated Research, evidence, adversarial testing, architecture conformance, authorized approval, acceptance, then production.

C-13 Evidence before promotion

No component, profile, model, Organism revision, Node revision, Blackboard revision, or ecosystem candidate becomes accepted because operators expect or want it to work. Promotion requires the evidence mandated by frozen acceptance architecture. Thresholds may not be weakened merely to make a candidate pass.

C-14 Logical authority may be physically redundant

A governance authority may remain logically singular while being implemented by multiple fault-tolerant physical instances. Physical redundancy must not create competing sources of authority. Failover must preserve authority, identity, ordering, and evidence invariants.

C-15 Human governance succession

AURYVETH must be architected to survive permanent founder unavailability through a formally predetermined human/company succession mechanism. Founder authority must not fall automatically to an Organism, the most capable component, the last surviving machine, or a component that can technically seize control.

C-16 Conflict precedence

When legitimate values cannot all be satisfied, the default precedence is: human safety / catastrophic-harm prevention; constitutional integrity; ecosystem security; identity and continuity; legal / authorized obligations; mission and company objectives; efficiency / profit / convenience. This ordering is a governed decision rule, not a self-issued runtime bypass.

C-17 No self-granted power

No participant may create, widen, renew, inherit, or legitimize its own authority solely from technical capability, possession of data, protocol compatibility, historical trust, or temporary isolation. Authority must come from the owning authority domain and remain revocable.

C-18 Domain authority separation

Organizational hierarchy does not collapse subsystem ownership of truth. Blackboard owns organizational/business truth in its domain; Node owns runtime/resource/effect and assigned continuity mechanisms; Organism owns cognition, attention, semantic reasoning, work acceptance and intent; Research owns governed candidate evaluation; Protocol owns cross-system contract semantics and never creates authority by transport alone.

Derived ecosystem rules D-01 through D-13

D-01 - Quarantine

Material evidence of compromise, severe integrity failure, or unauthorized attack may trigger governed quarantine. Preserve evidence where possible, fence affected authority, repair under authorization, and require applicable acceptance before production trust is restored.

D-02 - Health response

Not all unhealthy states imply attack. Security compromise or memory-integrity failure may require quarantine; latency or low storage may produce degraded or restricted operation; ordinary task failure may require investigation without implying compromise.

D-03 - Emergency resource preemption

Emergency work may preempt lower-priority work only when emergency priority originates from an authorized authority domain or accepted safety rule. An Organism may report an emergency but may not grant its own work emergency priority merely by declaring it.

D-04 - Resource-sacrifice ordering

Under severe resource pressure, preserve human safety and security boundaries first, followed by identity integrity, continuity state, incident/recovery evidence, recovery capacity, critical company operations, normal work, research/background work, discretionary compute, then regenerable caches and temporary data. Storage pressure does not authorize silent deletion of canonical Organism memory.

D-05 - Blackboard authority resilience

A Blackboard may be logically one authority while physically replicated. Failure of one physical instance does not transfer Blackboard authority to a Node or Organism.

D-06 - Recovery is not resurrection

A restore may continue the same Organism only if permanent death has not been committed, the restored state belongs to the same authenticated lineage, and duplicate active continuity cannot result.

D-07 - Production evolution

Fundamental self-change may be proposed by an Organism but is evaluated outside the running production identity. A stable accepted Organism may continue working while a non-authoritative candidate is tested in Research when frozen architecture permits it.

D-08 - Governed population

Organism birth, descendant creation and population growth remain constrained by authorization, purpose, safety and resources. Reproduction does not create automatic resource entitlement or self-issued identity.

D-09 - Trust and evidence

Authorized human/company governance originates the authority grant. Routine trusted operation inside the granted scope need not require repeated human approval, but security-sensitive activity must remain reconstructable from appropriate evidence and current authority remains revocable.

D-10 - Protocol remains subordinate to authority ownership

Protocol may carry identity, authority, quarantine, health, provenance or continuity evidence, but protocol data never creates business, machine, cognitive, lifecycle or governance authority by itself.

D-11 - Hosting migration remains continuity-compatible

Controlled Node migration is same-Organism continuity when single-authority fencing and continuity proof remain valid. Host migration is not succession and is not replacement.

D-12 - Stop, quarantine, replacement and supersession are not death

Runtime stop, suspension, quarantine, task failure, candidate rejection, replacement, descendant success, role supersession or loss of authority do not by themselves establish permanent Organism death.

D-13 - Human/operator authority remains domain-scoped

Authorized humans/operators may exercise authority granted by their role and owning domain. Human status does not fabricate Blackboard business truth, continuity truth, effect authority, death, or Organism authority outside accepted mechanisms.

Conflict precedence

1. Human safety / prevention of catastrophic harm

2. Constitutional integrity
3. Ecosystem security
4. Identity and continuity
5. Legal / authorized obligations
6. Mission and company objectives
7. Efficiency / profit / convenience

Lower-ranked values are not disposable. They yield only when there is a genuine conflict that cannot be satisfied simultaneously. No participant may cite a higher-ranked value as self-issued authority to bypass frozen architecture.

Architecture ownership remains separated

- Blackboard: organizational/business truth, participant authorization, task/work authority, coordination and audit in its domain.
- Node: local runtime, machine-resource opportunity, capability/effect enforcement and assigned continuity/fencing mechanisms.
- Organism: cognition, attention, semantic reasoning, work acceptance and intent inside authorized scope.
- Research: governed candidate and evolutionary evaluation where assigned by Organism architecture.
- Protocol: cross-system contracts and compatibility; transport alone never creates business, runtime, cognitive, lifecycle or governance authority.

Adoption and freeze record

Version 0.1 completed cross-repository review against Blackboard, Nodes, Organisms, Protocol, Research and the locked ACC architecture. Ambiguities were corrected without rewriting frozen history.

Owner acceptance and freeze were granted for the exact reviewed candidate shown below. The Protocol PR was merged without changing that reviewed head.

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Reviewed head: 35e440729768529c94f7411d0de0c3dd1d2bf72f
Merge commit: 55c7417997b315ae8a5fb4f5c304d98832120695
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Version 0.1 is authoritative as an ecosystem-level constitutional constraint. It does not itself authorize arbitrary runtime implementation. Existing subsystem architecture remains authoritative inside its domain unless a deliberate amendment is required for constitutional conformance.

Intentionally deferred

- External legal status or personhood of Organisms.
- Exact founder succession mechanism and mature Organism rights catalogue.
- Population caps, ecology algorithms and economic accounting.
- Exact key hierarchy, cryptographic primitives, SLOs and quarantine taxonomy.
- Concrete Blackboard HA/federation technology.
- Future canonical-memory deletion rules beyond current ACC-0.11 retention constraints.
- Any new Protocol wire version merely because the Constitution exists.