

COEVOLUTIONARY.AI CANVAS

BUILD LAYER: CREATION STAGE

Domain • Goal • Objective • Human Agency Preservation Goal • AI Tools • Workflow Objective

PROTECTS INTENTIONALITY

AI GOVERNANCE: AGENTIC DELEGATION INTENT

Inform-Think-Learn-Plan-Decide-Execute

COEVOLUTION -PROTECTS AGENCY OVER TIME

MEASURE LAYER: EVALUATION OF AUGMENTATION AND PRESERVATION DYNAMICS

Practice/Augment/Compare/Encode

PROTECTS AWARENESS

LEARN LAYER: ADAPTATION STAGE AND ATROPHY RISK ASSESSMENT

HAP Index = (CLR + CCE + CP) x LV / CC=HAPxt

PROTECTS COGNITION

AI GOVERNANCE: CAPABILITY COMPOUNDING CYCLE

Drivers of Compounding: Learn-Augment-Preserve-Coevolve

AGENCY PRESERVATION ACCOUNTING: MEASURING THE SUSTAINABILITY OF HUMAN COGNITIVE PARTICIPATION, REASONING CAPABILITY, AND AGENCY WITHIN AI-AUGMENTED SYSTEMS

A VISIBLE BOUNDARY BETWEEN HUMAN COGNITION AND AI DELEGATION

Coevolutionary AI Sections

1. Coevolution Hypothesis: when AI coevolves through continuous entrepreneur interaction, it increases adaptive intelligence and accelerates the entrepreneur's insight cycles. Through adaptive experimentation, AI gives us the ability to adjust experimental parameters (value props, customers, live results, etc...) as we work to test and validate hypotheses. As a result, the velocity of human compute increases exponentially with effective use of Paired Generative AI.

2. Pillar Domain Description

The core mission of this initiative or workflow outlines the desired outcomes for human capabilities. It identifies which HAP pillar the workflow is associated with. Is it focused on Innovation, Entrepreneurship, or Education?

Guiding Questions

- What human capability are we aiming to preserve, strengthen, or evolve?
- Which pillar does this workflow belong to?

3. Cognitive Tasks Practiced

Key human cognitive activities are outlined here.

Guiding Questions

- Which cognitive abilities are being actively practiced?

4. Human Agency Preservation Goal

This section states how human autonomy, reasoning, or creativity will be intentionally exercised.

Guiding Questions

- What human capability must remain distinctly human-led?
- Which AI technologies are supporting this workflow?

5. Generative AI Tools & Systems

This section focuses on the AI systems that augment the workflow.

6. Agentic Delegation Process (A1-A6)

Defines the level of delegation applied to each stage of the workflow.

Guiding Questions

- What level of agency is being delegated to the AI process?
- Are the actions categorized as Inform, Think, Learn, Plan, Decide, or Execute?

7. Build Layer

This section addresses what we are building or testing and the assumptions involved.

Guiding Questions

- What cognitive tasks are practiced?
- How is AI augmenting these tasks?
- What comparisons are being made?
- Where is preservation encoded?

Additional Inquiry

- Which cognitive abilities risk weakening through excessive delegation?

8. Measure Layer (PACE Framework)

Measure guiding questions from Build Layer..

9. Learn Layer

This stage emphasizes reflection and adaptation in relation to cognition.

Guiding Questions

- What insights have humans gained about Discovery, Ideation, Chain-of-Thought, Reasoning, Critical Thinking, and Strategy?
- What type of dependencies have emerged?
- Which two goals have been met: Cognitive Load Reduction (CLR), Cognitive Capacity Expansion (CCE), and/or Cognitive Preservation (CP)

10. Atrophy Risk Assessment

This section discusses the risks associated with cognitive atrophy.

11. Coevolution Strategy

- How will humans and AI evolve together over time?
- How do we measure preserved agency, cognition, and participation?

12. Human Preservation Metrics

- HAP Index = (CLR+CCE+CP) x Learning Velocity (LV)

- Learning Velocity: Human iteration vs Intelligence Accumulation

• Capability Compounding is a form of compounding intelligence in which individuals continuously learn, augment, preserve, and coevolve with AI over time. Through successive cycles, learning increases capacity, capacity improves performance, performance generates better learning, and better learning further increases capacity, creating an accelerating growth of human capability.

- CC = HAP x t: the asset here is the ability to repeatedly discover, decide, learn, innovate & adapt faster with each cycle and the ability to apply the cognitive lean loop to each of those tasks. Note- t= successive learning cycles over time.

The Capability Compounding Cycle

Learn



Increase Capacity



Improve Performance



Generate Better Learning



Increase Capacity Further



Repeat

Coevolutionary AI Learning Loop

Reduce Load



Expand Capacity



Preserve Capability



Increase Learning Velocity



Generate Capability Gains



Strengthen Entrepreneur Connectome



Increase Future Capacity



Repeat