Adept AI Automates Actions Without Structural Integrity

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Adept AI builds AI agents that understand user intent and execute multi-step actions in software applications. The agents observe screens, plan action sequences, and execute clicks, keystrokes, and navigation steps to complete tasks. The action capability is genuine. But an agent that can take actions and an agent that maintains structural integrity across those actions are different systems. An action agent without coherence architecture can execute a sequence of individually correct steps that produce a collectively incoherent outcome. The gap is between action capability and structural integrity.

What Adept AI built

Adept's approach trains models that understand software interfaces, interpret user instructions, plan multi-step workflows, and execute actions through the same interaction modalities humans use: clicking, typing, and navigating. The models combine visual understanding of application interfaces with

language understanding of user intent to produce action sequences that accomplish complex tasks.

The agent plans and executes. Each step is selected based on the model's understanding of the current application state and the remaining steps needed to complete the task. Error recovery is handled through re-planning when an unexpected state is encountered. But the agent has no structural mechanism for evaluating whether the cumulative effect of its actions is coherent with the user's broader intent, with the application's data integrity, or with actions the agent has taken in other contexts.

The gap between action execution and structural integrity

Action execution completes individual steps. Structural integrity ensures that the sequence of actions produces a result that is coherent, consistent, and aligned with the user's actual goals. An agent filling out a form might enter individually correct field values that are collectively inconsistent. An agent executing a multi-application workflow might complete each application step correctly while violating a business rule that spans the applications.

The three feedback loops in human-relatable intelligence address this at the architectural level. The integrity loop monitors whether the agent's actions remain consistent with its commitments and the user's goals across the entire action sequence. The self-esteem loop validates whether the agent's confidence in its interpretation of each step is calibrated to the ambiguity it is encountering. The empathy loop ensures the agent's behavior remains aligned with the user's intent as that intent is clarified through the interaction.

Graceful degradation under uncertainty means the agent restricts its actions when it encounters ambiguity rather than proceeding with its best guess. A structurally coherent agent that encounters an unexpected application state does not just re-plan. It evaluates whether the unexpected state undermines the integrity of the entire action sequence and may pause to verify with the user rather than continuing with reduced confidence.

What human-relatable intelligence enables for action agents

With structural coherence, Adept's action agents maintain integrity across complex, multi-step workflows. The coherence engine validates that each action is consistent with prior actions and with the user's evolving intent. An agent that has entered data in one application validates that data against what it entered in a related application. The cross-action coherence is architectural rather than hoped for.

Narrative identity means the agent maintains a consistent understanding of the task context across steps and across sessions. A structurally coherent agent that was interrupted mid-task and resumed later maintains the narrative of what it was doing and why, rather than re-interpreting the task from scratch. The continuity is architectural, maintained through the coherence engine rather than through conversation history.

The conformity attestation property allows the agent to explain its actions in terms of its architectural constraints. When a user asks why the agent chose a particular action, the answer traces through the integrity, self-esteem, and empathy feedback loops to the specific coherence evaluation that supported the decision. Agent behavior becomes auditable because it is structurally governed.

The structural requirement

Adept AI demonstrated that models can understand and execute multi-step software actions. The structural gap is between action capability and structural integrity across actions. Human-relatable intelligence provides feedback loops that maintain coherence, graceful degradation under uncertainty, and conformity attestation that makes agent behavior auditable. The agent that maintains structural integrity is qualitatively different from one that merely executes steps.

Human-Relatable Intelligence All 21 steps →

The most human-like computer ever built.

Primary Technical Disclosure
○ Human-Relatable Computable Intelligence
Secondary Technical
○ The Cross-Primitive Coherence Engine○ Narrative Identity as Compressed Self-Model○ Ecosystem Participation Credentials From Cognitive History○ Anonymized Governance Telemetry Aggregation○ The Coherence Control Loop: Detection, Recording, Restoration○ The Complete Thirteen-Stage Mutation Lifecycle○ Ten Conditions for Human-Relatable Behavior○ Graceful Degradation With Active-Domain Registry○ Architectural Inversion: Agent Carries State, Substrate Provides Environment○ Sequential Cascade Structures in Cross-Primitive Coherence○ Conformity Attestation: Verifiable Architectural Compliance
Applications (General)
○ Why AI 2.0 Requires Structural Cognition, Not Better Prompts○ The Compliance Case for Cognitive Architecture Under the EU AI Act○ Why Alignment Is Insufficient for Trustworthy AI○ Enterprise Trust Through Architecture, Not Alignment○ Insurance Liability Reduction Through Human-Relatable AI○ Building Consumer Trust in AI Through Cognitive Relatability○ Regulatory Future-Proofing Through Human-Relatable Architecture○ Competitive Differentiation Through Cognitive Architecture
Applications (Specific)
○ OpenAI's Alignment Approach Is Missing Structural Isomorphism○ Constitutional AI Defines Principles Without Cognitive Architecture○ DeepMind's Safety Research Lacks Cognitive Isomorphism○ Meta's Open AI Safety Is Missing Cognitive Architecture○ Inflection AI Simulates Empathy Without Structural Coherence● Adept AI Automates Actions Without Structural Integrity○ Covariant Trains Robot Dexterity Without Cognitive Coherence○ Sanctuary AI Builds Humanoid Form Without Human-Relatable Cognition○ Aleph Alpha Offers Sovereign AI Without Structural Coherence○ Mistral AI Optimizes Efficiency Without Architectural Coherence
Human-Relatable Intelligence overview →
AQ
deterministic
autonomy

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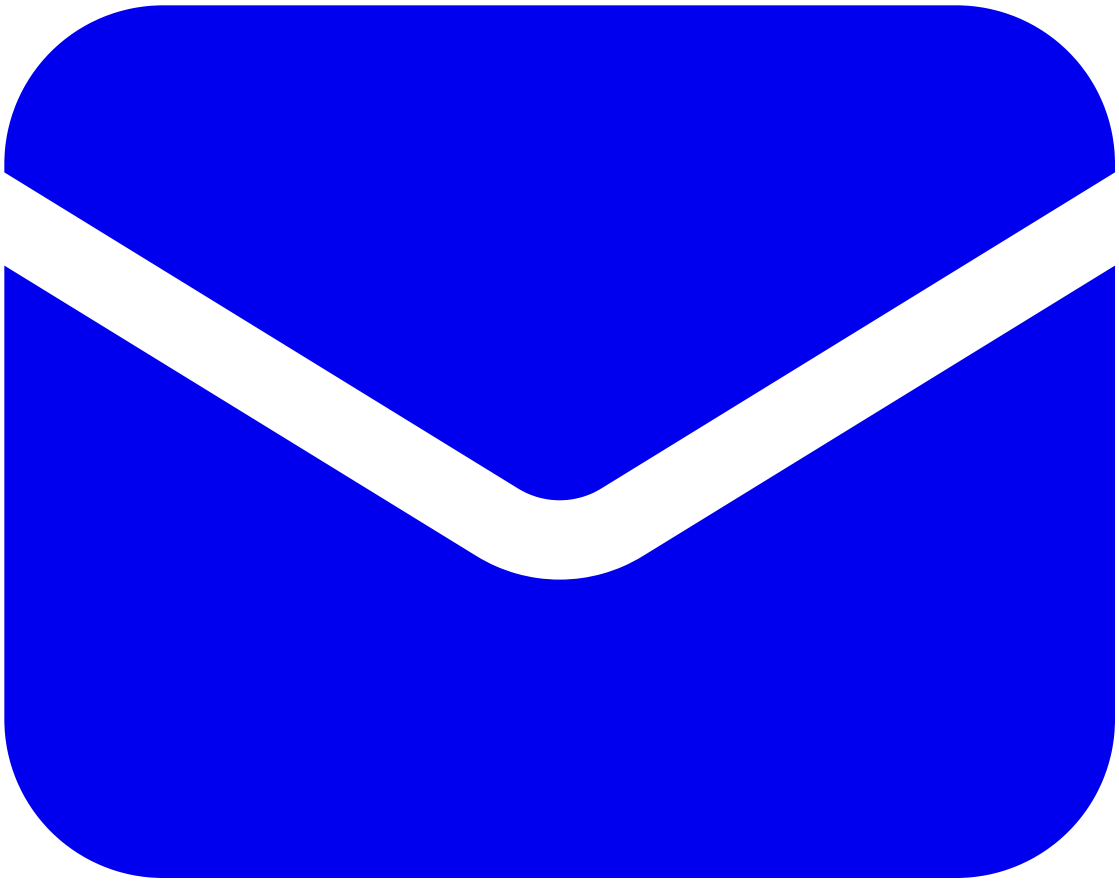

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