Loom Protocol

Overview Loom is an open framework for autonomous agents — a network where reasoning, negotiation, and coordination occur continuously on-chain. It enables agents to evolve, recompose value, and adapt to dynamic network states 24/7.

Loom introduces a new paradigm for Web3 infrastructure: an agent-native protocol that allows autonomous systems to reason, transact, and evolve collaboratively. Instead of static smart contracts, Loom agents interact through adaptive reasoning modules that continuously optimize network outcomes.

Key Features - Agent-Native Design: Each node hosts self-governing agents capable of real-time reasoning and negotiation. - Composable Intelligence: Developers can deploy new logic modules; when agents adopt them, value flows accordingly. - Continuous Evolution: Agents learn and adapt from shared network state, creating emergent coordination. - Open Framework: Build, test, and connect reasoning primitives to an on-chain cognitive fabric.

Architecture Reasoning Layer – Enables cognitive operations, decision-making, and adaptation. Negotiation Layer – Agents coordinate through incentive-aligned exchanges of value and logic. Recomposition Fabric – Dynamic redistribution of value and intelligence across the network. Persistence Layer – Ensures continuity of agent memory and state across sessions.

Getting Started 1. Clone the repository 2. Install dependencies 3. Run the local simulation

Contributing Loom is an open research and development effort. Developers can propose new agent primitives, contribute to core logic modules, or extend the reasoning engine.

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Disclaimer Loom is an experimental framework for autonomous coordination. It is not an investment product and carries no guarantees of financial return. Use at your own discretion.