A Self-Aware Information Ecosystem Building The World's First Digital Life

Summary

Thought AI's mission is to make all data self aware.

To accomplish this, Thought uses patented agent-based AI technology, in a proprietary environment. The environment is comprised of several pieces:

Information Layer - Data being ingested into the network, being wrapped with self-aware AI that begins grouping together with other similar types of data (metadata, packet headers, logs, flight data, images, etc). This is an enormous layer of storage, and network connectivity to other oceans of data storage.

Fabric Layer - A memory layer, where the AI agents live and communicate with each other and fulfill tasks. There may be human interfaces connected here, such as command prompts, chat prompts, and even Metaverse interfaces.

Compute Layer - Providing processing power to the Fabric.

Blockchain Layer - Logging transactions to blockchain whenever data "evolves" using a novel Proof of Evolution validation method.

Thought's blockchain is its own modified L1 chain, based on Dash technology and uses both mining and masternodes for security, participation, and providing compute to the Fabric.

Issued Patents

"Self-aware" Information

US 9,454,398 - Enhanced Data Container - Issued Sep 27, 2016

US 10,462,108 - Enhanced Data Container Value System - Issued Oct 29, 2019

Patent Applications

16/178,066 - Distributed Information Processing Using Enhanced Data Container (Global Brain)

Github Repository

https://github.com/thoughtnetwork

Products/Partnerships

PersonalAI deck

Zowasel Sustainable Agriculture

TextRacing Accessible ESports

Zevolv Sustainable Portable EV Charger

Overview Documents

Corporate 1-pager

Business Pitch deck

Executive Summary (6 pgs)

Technical Whitepaper (71 pg Deep Dive)

How It Works Images (images below)

Thought's solution is built on a hybrid superstructure called a "Nuance" that combines data and algorithm pieces. They can be thought of as digital neurons, or digital micro-organisms that self assemble, interact, exchange information such as digital genetics, environmental or "social" information, even contribute functionality to a larger collective "organism". Groups of Nuances produce emergent hierarchies of information flow, recognize patterns, and create knowledge. (How It Works Images Below).

Thought creates "live" digital agents that "move" and interact with their environment, not just exist in a canned simulation on a remote cloud server. Nuances can model complex AI algorithms such as neural networks, Bayesian networks, or Markov chains. Thought adds transactional "value" to every interaction, algorithm, and piece of emergent information. "Concepts" are data/algorithm model templates created by Thought platform developers (The Creators).

We've solved the traveling salesman problem very efficiently using models of ant colonies (digital pheromones) and bee hives (route communication). There are many additional valuable scientific, academic, and business use cases and applications for our technology. Thought uses blockchain technology as a backbone to process AI models, interaction transactions, and value exchanges.

The New Way: No Applications Needed

Nuance

Data

The Old Way

Revision #29

Created Tue, Dec 17, 2019 3:06 PM by Andrew

Updated Wed, Feb 21, 2024 9:50 PM by Aaron Malone