REGENT

A Blockchain to revolutionize Corporate Management

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INTRODUCTION

Regent is a blockchain that in the same bane as Bitcoin and Etherium...Seeks to revolutionize corporate management system (talk about the corporate management system with diagrams etc.)

A lot of companies have too many managers and also micro manage their employees. The issue of the bad manager has been one that's been around for a while. I believe the current work industry has evolved out of the need for a manager. Instead why don't we ultimately leave the task of judging you performance and managing your career up to your peers as it is already done this way. But it is done clumsily as the manager servers as an unnecessary middle-man.

In other words, let the manager be an entity consisting of a group team members relevant to the project. Furthermore, their participation in operating the management system shall generate REGICOIN (see DIAGRAM) to be dispersed among the participating members.

Algorithm

The underlying algorithm for this Blockchain is not much different from it's predecessors. The Blockchain stores ledge, the following is an explanation of the mining process:

 Check if the previous block referenced by the block exists and is valid.

1. Check that the timestamp of the block is greater than that of the previous block[2] and less than 2 hours into the future
2. Check that the proof of work on the block is valid.
3. Let S[0] be the state at the end of the previous block.
4. Suppose TX is the block's transaction list with n transactions. For all i in 0...n-1, set S[i+1] = APPLY(S[i],TX[i]) If any application returns an error, exit and return false.
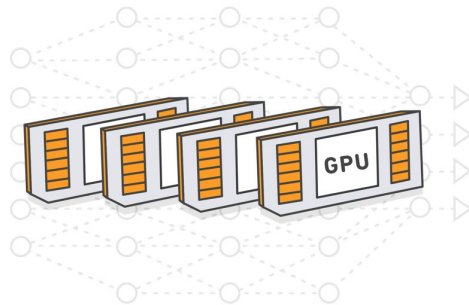5. Return true, and register S[n] as the state at the end of this block.

Tokens

Tokens essentially contain data models. Those data models are altered every time a new token is created. The new token could contain the same model as before or contain new data for the neural network to interact with.

REGL

REGL is a domain specific language that helps you mine REGICOIN. As mentioned before REGICOIN is created by performing managerial tasks. Those tasks are essentially completed by a Neural Network, data models are provided by employees and stored on the blockchain.
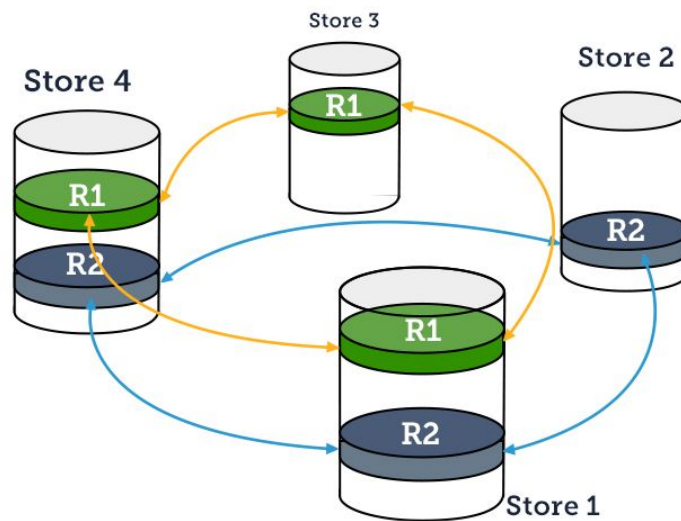

The DSL is created with Python and utilized the the PYTORCH framework to leverage all of the Deep learning libraries.

Database

Each Blockchain network is coupled with it's own CockroachDB node, a database optimized for horizontal scaling. Data integrity is ensured and predictive analysis can be performed quickly

The Big Picture