Tron SEA by USTX

Up Stable Token eXperiment

S7 HackaTron special edition

Table of Contents

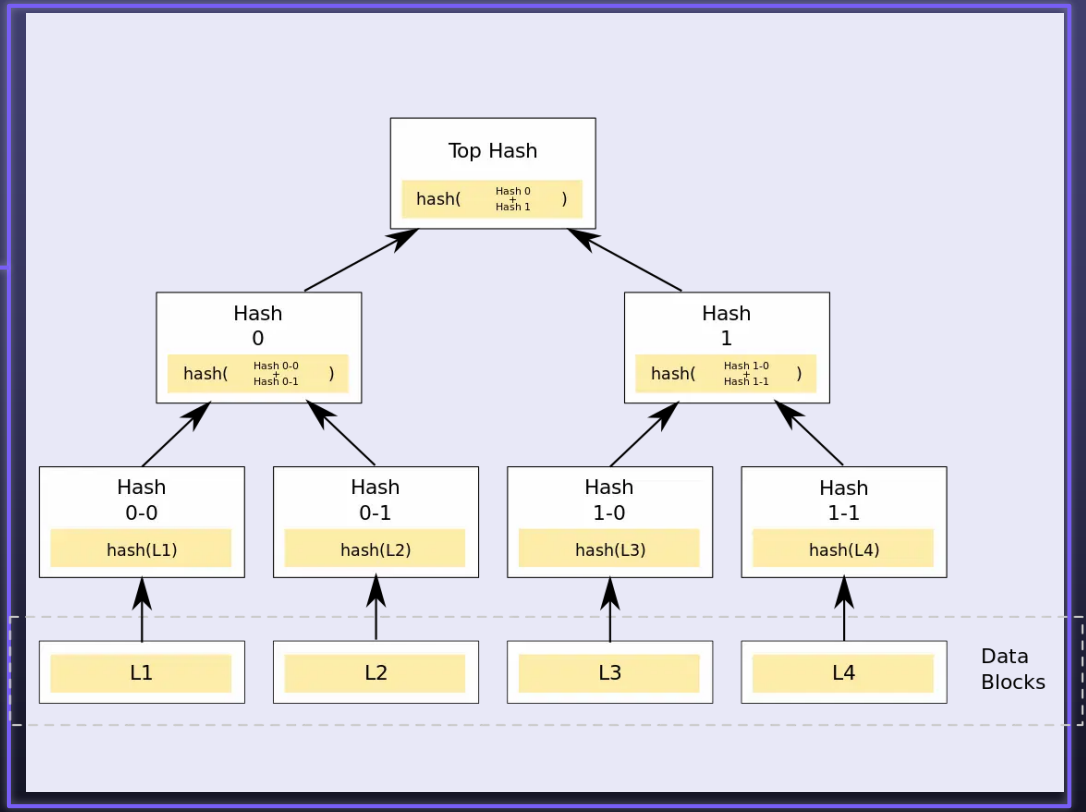
Increasing fees and high energy demand make transferring tokens to large number of accounts very expensive

What can we do about it?

Tron SEA makes it easier to implement Merkle tree distribution to new and existing projects.

The background

Merkle trees were invented in 1979 by Ralph Merkle. The tree is a mathematical way to link all the leaves, to the tree top, the root. This allows to efficiently determine if a particular leaf belongs to a specific tree, using only a subset of all the information contained in the tree, the so called “proof”. Once a leaf has been validated to be belonging to the tree, a specific action can be executed safely.



The goal

Tron SEA is a framework for developers trying to simplify and make more affordable handling large airdrop or rewarding campaign. Tron SEA provides the building blocks to integrate Merkle tree distribution strategy into any Tron based project, greatly reducing the complexity and the cost on the builder by requiring user involvement in the claim action.

Core technology — Tron SEA

Tron SEA project is divided into 2 sections, the on-chain contract handling the verification of the proof and distribution of tokens and a php part to be integrated in the backend of the target application. The php generates the Merkle tree and creates the proof for each user to claim the airdrop.

- **PHP backend code, high compatibility**
- **Open source**
- **Solidity distribution contract**
- **Easily expandable and adaptable**
- **Proven technology**

Our Team

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Thank you!

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