Featured Hacks

⚠ OP Stack Hacks are explicitly things that you can do with the OP Stack that arenot currently intended for production use.

OP Stack Hacks are not for the faint of heart. You will not be able to receive significant developer support for OP Stack Hacks — be prepared to get your hands dirty and to work without support.

Overview

Featured Hacks is a compilation of some of the cool stuff people are building on top of the OP Stack!

OPCraft

Author

Lattice(opens in a new tab)

Description

OPCraft was an OP Stack chain that ran a modified EVM as the backend for a fully onchain 3D voxel game built withMUD(opens in a new tab) .

OP Stack Configuration

- Data Availability: Ethereum DA (Goerli)
- Sequencer: Single Sequencer
- Derivation: Standard Rollup
- Execution: Modified Rollup EVM

Links

- Announcing OPCraft: an Autonomous World built on the OP Stack(opens in a new tab)
- OPCraft Explorer(opens in a new tab)
- OPCraft on GitHub(opens in a new tab)
- MUD(opens in a new tab)

Ticking Optimism

Author

@therealbytes(opens in a new tab)

Description

Ticking Optimism is a proof-of-concept implementation of an OP Stack chain that calls atick function every block. By using the OP Stack, Ticking Optimism avoids the need for off-chain infrastructure to execute a function on a regular basis. Ticking Conway is a system that uses Ticking Optimism to buildConway's Game of Life(opens in a new tab) onchain.

OP Stack Configuration

- Data Availability: Ethereum DA (any)
- Sequencer: Single Sequencer
- Derivation: Standard Rollup with customtick
- function
- Execution: Rollup EVM

Links

- Ticking Optimism on GitHub(opens in a new tab)
- Ticking Conway on GitHub(opens in a new tab)

Intro to OP Stack Hacks Data Availability Hacks