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ERGAKI, THE NEXT SCOREX TESTNET

SCOREX BLOG

🕒 MAY 17, 2016 👤 [ALEXANDER CHEPURNOY](#) 📖 2 MIN READ 💬 [0 COMMENTS](#)

A Scorex application is comprised of core, and Scorex itself is the core functions and module interfaces, and modules. The current testnet, Lagonaki, is made of Permacoin consensus protocol implementation and a simplest Nxt-like payments module.

Next testnet release will be called Ergaki. It will be truly experimental and innovative blockchain system intended to be a performant public bulletin board for different protocols (voting, auctions etc). What will be inside Ergaki?

1. New Proof-of-Work scheme based on [RollerChain](#). Rational behaviour will be switched on by default, so a node will remove blocks not needed for Proof-of-Work mining. We are also thinking about increasing throughput with Ghost/Spectre or Bitcoin-NG/ByzCoin scheme.
2. New transactional module. State will be comprised of [boxes](#), transactional model will be different from Bitcoin, so no stack-language scripts.
3. New fees model. Basically, a minimal mandatory fee will be not calculated based on a transaction size, but on state increment. So if a transaction is about state size lowering, it is about minimal or no fee at all. And storing boxes in a state will be charged not for size only, but for life timespan also (with possible exception for a box of some minimal size). So, unlike all other blockchains, it would be not possible to store anything in the Ergaki blockchain forever paying only once.
4. New improved difficulty adjustment algorithm. A paper on that is basically ready and will be published before release.

We will test Ergaki on some applications using large testbed against a private Ethereum network. The goal is outperform the latter by the orders of magnitude.

Planned testnet release time is about September, 2016.

May 17, 2016 by alex.chepurnoy@iohk.io

Announcing Ergaki - A performant, public bulletin board for voting and auctions

The first Scorex-based testnet, Lagonaki, combines the Permecoin consensus protocol implementation with a simple, Nxt-like payments module. After Lagonaki, the next Scorex-based testnet will be *Ergaki*, a block chain system that will be used as a public and performant bulletin board for various protocols including voting and auctions.

May 17, 2016 by alex.chepurnoy@iohk.io

Ergaki, the Next Scorex Testnet

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