U°OS

A Blockchain Protocol that Translates Social and Economic Actions into Reputation

U°OS is built to bring universal, distributed and scalable reputation system to the web. The protocol is based on EOSIO open source code. U°OS inherits its key features

and takes it a step further with:

- DPoI Consensus Algorithm
- Reputation System
- Social Transactions
- Dynamic Emission Algorithm

Problem

Decision Trilemma:

Assessment of entities to deal with can not simultaneously be effortless, quick and comprehensive

Despite the global digitization, the bottleneck of the digital economy is in collecting and processing the information to make a decision that requires trust.

Solution

U°OS enables people and organizations to make comprehensive one-touch decisions that require trust.

The U°OS reputation system scores digital entities based on the network's feedback. It translates connections between accounts into a unified reputation system using a modified NCDAwareRank algorithm.

U°OS Reputation System is:

Distributed

Operates algorithmically and does not belong to any centralized authority which makes it censorship resistant.

Universal

Can be integrated into any other existing application via robust API and OAuth. It is open source and sufficiently flexible to be adjusted to a specific context.

Transparent

Transparency of blockchain-recorded data allows tracing causal links, which creates a holistic picture and increases trust to a digital entity (individual or organization).

Privacy-friendly

Although all your activity on a blockchain is traceable, U°OS does not require you to reveal your identity in order to use the reputation system. You can either verify your account through various authorization methods or stay anonymous.

Value proposition

Velocity and Cost Efficiency for Peer-To-Peer Interactions

U°OS reputation system can be effortlessly integrated with any service or application such as payment systems, value exchange services, social platforms, etc. U°OS integration augments user experience with competitive gameplay elements by revealing reputation of digital entities.

Technology

DPoI Consensus Algorithm

Delegated-Proof-of-Importance (DPoI) consensus algorithm integrates the concept of Delegated-Proof-of-Stake (DPoS) with the idea that social interactions naturally generate economic activity between individuals or organizations. Consensus is achieved with the help of delegates. Delegates are elected by the network participants based on the *Importance* of each voter. Importance (and thus, influence) of an individual/organization for a network is achieved by the value they produce for others along with the amount of their stake in the network.

UOS Token

UOS core token is used as a currency and to purchase network resources:

- bandwidth
- memory
- processing power
- storage

You may find more details in the Yellow Paper

What is done so far

U°OS Testnet

U°OS Network is currently in testnet stage with some of the major EOS Block Producers supporting it.

- Current Block Producer candidates
- U°OS GitHub Repository
- U°OS Block Explorer

U°Community

U°Community is the first DApp and a user-friendly interface for U°OS blockchain. It allows users to interact with each other, publish content and govern communities / organizations, powered by U°OS reputation system.