

# Voice: Russian-language Social Media Bloc-platform

golos ▾ 72 's [vote \(/trending/ru--golos\)](/trending/ru--golos) [\(/trending/ru--golos\)](/trending/ru--golos) last year

Version of November 1, 2016

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## annotation

According to the original paper, Steam is a block system that ensures the development of local communities and social interaction, encouraging the creation of quality content with the help of rewards in the crypto currency. After 5 months of existence it is obvious that the original platform solves the tasks assigned to it for the English-speaking audience, but it is weakly focused on encouraging the interaction of the different language groups. This document describes the Voice network, which has the original Steam properties, but is targeted at users who prefer the Russian language.

## Introduction

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The basic principles of the functioning of the Steam database are given in the translation of the original paper (<https://steemit.com/ru/@hipster/bu-maga-pro-stim-chast-1>). [1]. This paper is obligatory for studying the basic principles of the functioning of the system. The voice is a licensed copy (fork) of the original development of Steam (<https://github.com/steemit/steem>). [2]. In this paper, we will justify the need to create a separate block for localization purposes, describe what we plan to change in terms of the financial mechanism, and present the mechanism of initial distribution, and define the development vector and economic potential of the adapted and localized system.

## Substantiation fork

From the position of the Russian-speaking author, participation in the Steam network with Russian-language content is unprofitable. According to our analysis, currently no more than 3% of Steam's tokens belong to Russian-speaking users of the Steam platform. With this distribution, the nature of the quadratic voting leaves no more than  $(0.03 \wedge 2 = 0.0009)$  .09% of the total remuneration budget for the Russian-speaking community. Assuming that Stim's capitalization will be \$ 100 million, annually approximately \$ 7 million will be allocated to authors' fees or \$ 20,000 per day. In this case, the daily remuneration of Russian-speaking posts will be no more than \$ 20 for the entire Russian-speaking community. Real indicators can be a little higher, because the above calculation is greatly simplified, but they will not change by an order of magnitude (the number of Russians in the world is several times less than the number of anglops). At the moment, this problem is solved through the publication of bilingual posts. Such a solution is not convenient, accessible and scalable.

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From the point of view of a developer who is trying to adapt a blockhouse to language communities, the use of an original blockbuster is also difficult. Any application independent of Steemit with the ability to register users raises the task of the developer to ensure the financing of registrations, and accordingly the need for monetization, either through advertising or through the sale of additional functions. Given the relatively high cost of registration in 7 stims (or \$ 5), the solution of this problem is not optimal.

We also believe that for the purposes of forming a Russian-speaking community, using a unit of account equal to the US dollar is not a suitable solution.

The only possible solution to these three problems is the creation of an alternative block system with its own node system ([https://ru.wikipedia.org/wiki/%D0%A6%D0%B5%D0%BF%D0%BE%D1%87%D0%BA%D0%B0\\_%D0%B1%D0%BB%D0%BE%D0%BA%D0%BE%D0%B2\\_%D1%82%D1%80%D0%B0%D0%BD%D0%B7%D0%B0%D0%BA%D1%86%D0%B8%D0%B9](https://ru.wikipedia.org/wiki/%D0%A6%D0%B5%D0%BF%D0%BE%D1%87%D0%BA%D0%B0_%D0%B1%D0%BB%D0%BE%D0%BA%D0%BE%D0%B2_%D1%82%D1%80%D0%B0%D0%BD%D0%B7%D0%B0%D0%BA%D1%86%D0%B8%D0%B9)). [3], distribution and tokens, aimed at a Russian-speaking audience.

## Adaptation of the financial mechanism

### VOICE and VOICE Strength

Instead of Steam and Steam power in the adapted network, GOLOS and GOLOS (GP) tokens will be used, respectively.

### Motivation adaptation

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Authors, curators, delegates, miners and investors have identical rights and the structure of economic incentives of the original Steam (<https://github.com/steemit/steem/releases/tag/v0.14.2>) system version 0.14.2 (<https://github.com/steemit/steem/releases/tag/v0.14.2>) [4]. The differences lie only in the adaptation of the duties of delegates to the study of the market price of the vote (GOLOS), as well as the original distribution mechanism.

## Golden, secured by VOICES

In the original design, Stimdollar is used. Stimdollar is a promissory note of Stim's blockbuster to pay out 1 US dollar of Steam for a week at the average weekly rate. A similar token will work in the blocking voice of Voice, but it is tied to the price of 1 milligram of gold - Gold or Gold, provided by GOLOS (GBG). Despite the fact that the majority of the Russian-speaking population of the world (or 52.6%) are users of Russian rubles, the state monetary unit of the Russian Federation, we consider the Russian ruble as not suitable for our purposes for the following reasons:

1. Permanent depreciation of the Russian ruble in relation to other national currencies and gold. Chart 1 shows that since 2000, relative to gold, the ruble has depreciated 10 times (the dollar, by comparison, 5 times).
2. The inconvenience of using rubles for users from Ukraine, Belarus, Kazakhstan and other countries in which the Russian language is popular.

The historical stability of the gold exchange rate makes a token tied to its price, an excellent tool for saving gold and international settlements. The solution offered by us is a reliable alternative for storing non-cash value in re-

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lation to the price of gold without limitations and drawbacks imposed by traditional financial instruments.



Graph 1. History of the price of gold (<http://goldena.ru/prices/>). [5] against USD, EUR, RUB [5]

## Registration fee

The registration fee is set in votes by delegates in such a way that he aspires to 30 milligrams of gold (at the rate at the time of writing the article) (approximately 1.5 dollars or 100 Russian rubles). At an early stage, the registration fee is paid by cyber • Fund when registering on the domain <https://golos.io> (<https://golos.io>). As the network develops, incentives can be developed for registration by third-party operators. Until the introduction of such pranks in the event that cyber • Fund refuses to provide registration registration services, the community has the right to coordinate to attract the necessary resource in open markets. 8.98% of the reserve of the CyberFund for the financing of registrations is initially insufficient for the registration of all 260 million people.

## Motivation of Registrars

In the original development of Steam, third-party registrars do not have the motivation to register users. As the network develops, the following mechanism for motivating independent registrars will be proposed: The registrar will pay for the registration of each user independently and bear

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the corresponding risks in exchange for guaranteeing lifetime deductions from future income of the registered user. The amount of such deductions is determined by the market mechanism.

## Support for Interaction with National Currencies

Community Voice is independent and as a result it itself finds answers to such questions. The founders do not support such a function, until a consensus is found automatically.

## Adaptation of initial distribution

At the moment about 65% of the money supply of the original Steam is under the control of the creators. Accordingly, the system is conditionally decentralized. This approach is both advantageous and inadequate at the same time. On the one hand, developers are able to quickly reach a consensus and adapt the system to the requirements of users. On the other hand, with conditional decentralization, there are risks of incorrect ranking of publications, weak motivation of minority participants and censorship. At the moment, all these risks are successfully mitigated by the trust in the original Steam development team.

For localization purposes, we offer a more sustainable decentralized mechanism for initial distribution, which we believe will have a positive impact on the reliability of the Voice and its further development.

## Initial distribution of tokens

In Genesis block on the *cyberfounder* account 43 306 176 VOICES will be

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In the first hours of the system's existence, the funds will be transferred from the *cyberfounder* account to the target accounts in accordance with a certain distribution structure:

- 60% for sale during public crowdsale or 27 072 000 VOICES
- 10% of the participants to the original stim, or 4 512 000 VOICES
- 10% cyber • Fund for funding the launch of the Voice or 4 512 000 VOICES
- 8.98% development reserve or 4 051 776 VOICES
- 7% remuneration of the founding team or 3 158 400 VOICES

Also within 47 days after the launch of the system and before the start of the vesting (the period of preparation and conduct of the crowdsale), the system will issue 1,813,824 VOICES, namely:

- 3% delegates for the bootstrap network and the formation of a backup node system
- 1.02% bounty to authors and curators for the preparation and promo of Krausejla

Thus, at the beginning of the vesting (in the first 47 days of the system's existence), 45,120,000 VOICES will be issued. The stakes of the trust funds mentioned above are presented at this moment.

All distribution is carried out in the power of VOICE (GP), with the exception of the accounts of stock exchanges included in the sheardrop. Justification of the proposed distribution mechanism:

## Public crowdsale

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Due to legal risks, the initial distribution of stims was carried out through mining. We believe that krausejl in bitcoins is the best alternative to mining as a method of distribution, if the goal is not to provide security, but to maximize the simple, accessible and understandable distribution of tokens. Accordingly, the founding team decided to use krausejl in bitcoins as the main way of initial distribution of tokens. Bitcoins obtained as a result of the crowdsale will be used to develop the protocol and protect it. In the case of the blockade Golos, there is no legal framework restricting the conduct of the crowdsale to the social network project in the bitcoins of Russia, Kazakhstan, Belarus and Ukraine.

Crowdsale will begin 17 days after the launch of the system. Everyone will have the opportunity to register using social networks VK, Facebook, Reddit. Krausdale will last for 30 days. 27 072 000 VOICES will be distributed to all participants of the crowdsale in proportion to the invested bitcoins. During krauseyla, the following system of bonuses will be applied for the invested first:

- 25% in the first 15 days
- 20% from 16 days to 18 days
- 15% from 19 days to 21 days
- 10% from 22 days to 24 days
- 5% from 25 days to 27 days
- 0% from 28 days to 30 days

In the first day, the crowdsale will be unlimited. If, after 24 hours after the beginning of the crowdsale, the amount of 5000 bitcoins has not been exceeded, krausejl will continue for another 29 days, or until the amount of funds collected reaches 5,000 bitcoins. During krauseyla there is a limit on the sale of tokens for one account - 100 bitcoins.

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In order to ensure transparency and provability of the crowdsale, the following genesis address will be used: **3CWicRKHQqcj1N6fT1pC9J3hUzH-w1KyPv3**. This address is not intended to be used for direct transfer of money during a crowdsale. Instead, it will be used to redirect the bitcoins listed on the unique address that will be generated for each member of the crowdsale. All bitcoins listed on this address will be directly considered sponsor support of the project. This address will be publicly recorded in the Voice block as the user's metadata. Genesis address is a multi-signature account 4 of 6, which is controlled by 5 out of 8 founders + 1 by an independent signer. Thus, the funds collected during krauseyla will be demonstrably collected and transparently spent.

## Allocation of collected funds

Bitcoins obtained as a result of public crowdsale will be used as follows:

- 70% development of the protocol and applications
- 10% license fee Stimit Inc. in accordance with the license agreement
- 10% remuneration of the founding team
- 10% compensation to the cyber • Fund for the financing of the launch

## Software license

10% Sheardrop Community Steam is a payment for the software license for the Steam unit. This encouragement is also aimed at motivating existing application developers to support localized blockade. In addition, this solution can contribute to the formation of the initial liquidity of the basic token - VOICE, which is critical for the successful development of the re-

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ward system. A copy of the status of current users of the Steam platform was made at 12:00 UTC on September 29, 2016. The picture included 8,380 accounts. Snapshot was shot according to the following formula:



All these accounts will be distributed to 5 VOICES within a few hours after the Genesis block.

4 512 000 VOICES are sent to the *cyberdrop* account and distributed between accounts using the following formula:



The distribution will be done by the script before the start of the vesting.

Exchange accounts are exceptionally accrued by GOLOS, and not by GOLOS Strength (GP) in order to motivate the provision of starting liquidity: *poloniex* , *openledger* , *blocktrades* , *bittrex* .

## Financing the launch

10% is sent to the cyber • Fund to finance the launch. These funds are used to finance the localization and adaptation of the system, legal support, as well as the maintenance of the functioning of the infrastructure during the launch and the first time the system is in existence. 4 512 000 VOICES are transferred to the address *cyberfund* and are controlled by the Board of Directors of the Cyber Foundation.

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# Development Reserve

8.98% or 4,051,776 votes sent account *golos* to pay for free registration and the reserve for development. The *multi-subscription* account *golos* is controlled by the Board of Directors of the Cyber Foundation, is its property and is not an obligation. cyber • The Foundation reserves the right to delegate a registration function, as well as to subsidize independent developers from this budget.

## Remuneration of the founding team

7% are sent to the remuneration of the founding team. 8 of the funders performing the functions of launching the undefined in the road map (<https://github.com/GolosChain/Roadmap/issues/1>). distribute the reward evenly.

- Dima Starodubtsev, account *hipster*
- Valery Litvin, account *litvintech*
- Alexey Frumin, account *pioner*
- Valentin Zavgorodnev, account *val*
- Marina Gurieva, account *marina*
- Konstantin Lomashuk, account *creat0r*
- Vitaly Lvov, *vitaly-lvov* account
- Mikhail Palei, account *misha*

The task of the founding team is to bring the Voice network to the first payout. Subsequently, the Voice should operate in a decentralized mode. Further maintenance and development of the network is not the responsibility of the founders' team.

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Transactions on initial distribution are carried out by a team of founders on behalf of and on behalf of a blocker of the decentralized Voice network. The founding team distributes the reward for launching evenly among all the founders. The founding team also controls the multi-signature *golos* address , which holds 10% of the VOICES intended to provide free registrations.

## Network maintenance

3% or 1,353,600 VOICES is transferred to delegates for the bootstrap network and the formation of backup nodes for 1 VOICE for each signed unit. This rate is maintained during the first 47 days of the network's existence until the vesting is included.

## Bounty authors and curators

1.02% or 460 224 VOICES is transferred to *reward\_fund\_golos* to 0.34 GOLOS in the block to ensure payments to authors and curators during the preparation and conduct of the crowdsale.

## First Payments

After 47 days, the VOICE gain function will become available. From now on, 90% of the VOTES will be distributed to the owners of the VOICE Force. From now on, the distribution will look like this:

- Awards for content creation: 1.5 VOICE per block or 5.8125% per year, whichever is greater
- Awards for supervision: 0.5 VOICE per block or 1.9375% per year, whichever is greater

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- Awards for the production of blocks: 1 VOICE per block or 0.750% per year, whichever is greater
- Awards for long-term investment: 9 VOTES per block

Awards for PoW are defined as 1/21 awards for the production of blocks.

## Project Composition and Risks

Voice is a project exclusively in the field of software development. The whole project is reduced to three main repositories:

- Validating client code (<https://github.com/GolosChain/golos>). [6]
- Web Client Code (<https://github.com/GolosChain/tulupchik>). [7]
- Project wiki (<https://github.com/GolosChain/wiki>). [8]

In this regard, the project contains significant risks associated with the discrepancy between the intentions of developers (the contents of the Wiki repository, including the content of this document) and the actual implementation of the proposed mechanisms (validating client code), as well as the implementation of the proposed mechanisms (web client code). In the event that an event occurs that results in a significant discrepancy between intentions and implementation, the implementation code is decisive. Also in this case, the Delegates have the right to reach a consensus with a view to making a decision to eliminate such undesirable events. We recommend the following level of materiality of the evaluation of such a negative event, as a result of which delegates can review the course of history and / or adjust the consensus-dependent code: more than 1% of the capitalization.

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Users of the Voice network need to realize that the source code of the project can contain critical errors, the consequences of which are not predictable. Source code of the project The voice inherits the original license Stimit Inc..

# The Power of VOICE

## The economic growth

Blokchejn-economy since the creation on the average grows on 15.8% monthly (from the moment of the first gauging of the price of 1 bitcoin) [9] that it is impossible to tell about traditional economy. In the traditional economy, the state apparatus and centralized banking systems interfere in the regulation of economic activity. It becomes obvious that this does not work well. The low transparency of all financial transactions is the fundamental cause of failure. An alternative is a decentralized system in which the control over the system is not concentrated in the hands of a small group of people, but is distributed evenly and fairly among all participants in the system, including. ordinary citizens.

The system is open and accessible to all equally. The system is based on cryptography, economics, game theory, open computer code and a verifiable public database. The system is programmed so that the condition of freedom of transactions is met through the consent of all participants in the system. States, businesses, non-profit structures, communities and absolutely all people have the right to participate in the development of block systems, including Voices. Wide use of the Voice will allow to ensure the dynamics of economic growth, inaccessible to traditional localized systems.

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# Support of the Russian-speaking population

The voice is the language community. Nationality and citizenship do not matter to him. If someone wants to express their thoughts in Russian, then he can do it in the Voice. 3.7% of the world's population or 260 million people

([https://ru.wikipedia.org/wiki/%D0%A0%D1%83%D1%81%D1%81%D0%BA%D0%B8%D0%B9\\_%D1%8F%D0%B7%D1%8B%D0%BA](https://ru.wikipedia.org/wiki/%D0%A0%D1%83%D1%81%D1%81%D0%BA%D0%B8%D0%B9_%D1%8F%D0%B7%D1%8B%D0%BA)) speak Russian [10]. At the same time, the Russian language is native to 166 million people. Most users of the Russian language are in Russia - 137.5 million people.

An important component of the development and survival of any community is the possibility of exercising their right to freedom of voice. We believe that the Voice is a resource necessary for the entire Russian-speaking community in order to ensure the realization of the right of every Russian speaker to freedom of speech. The voice is ideally suited for the implementation of this function, since it is a public cryptographically and economically verifiable public opinion tool that ensures the privacy and security of network users. We believe that privacy and security is a fundamental natural right (including in digital networks), which is a prerequisite for the development of the language culture of uncensored and free communications.

## Accessibility of education

The Voices community places a significant role on education. A voice is a platform for accumulating quality content.

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## Scalability and Performance

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In the current form, Graphene technology supports up to 10,000 transactions per second. Provided that if all 260 million people make 10 transactions a day the network will approach its peak load, after which the communication protocol will be modified, which will increase the offer to 100 transactions per day for each Russian-speaking resident.

A similar stock for scaling is needed to ensure successful development of the project since the launch of the network. since Graphene technology allows producing blocks with a stable interval of 3 seconds; the average time of the first confirmation from the network is 1.5 seconds, which is convenient for use within the usual users of web and mobile applications.

## The Future of the Voice

The potential of the Voice system is not limited to the production of content. Graphene is a powerful platform that will allow you to create different applications, including such as:

- creation of user transactions (similar OP\_Return to bitcoin)
- inclusion of C ++ plug-ins into the protocol core [link to Den's article]
- the launch of third-party chains similar to Bitcoin [Blockstream] or Lisk
- execution of full-time contracts in third-party chains using EVM, WREN or any other virtualized environment.

For example, one of the applications may be an alternative passport system. In the event of a reliable and stable financial system within the Voice, there will be a demand for physical verification of participants. We can offer a cryptographic passport system based on the principle of mutual verification. Each participant in the system can verify each participant in the system. Thus, the blocker will be able to calculate the verification

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status of each individual participant. This task has already been solved algorithmically at the time of the system start-up, but will not be implemented until such a need arises.

## Conclusion

We proposed the mechanisms of adaptation of the Steam stimulation technology for the purposes of forming the Russian-speaking community Voice. The system's capabilities are not limited to the voiced proposals, but the system itself is easily extensible and adaptable to the needs of the Russian-speaking community.

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4. Release Steam 0.14.2  
<https://github.com/steemit/steem/releases/tag/v0.14.2>  
(<https://github.com/steemit/steem/releases/tag/v0.14.2>)
5. History of the price of gold. <http://goldena.ru/prices/>  
(<http://goldena.ru/prices/>)
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(<https://github.com/GolosChain/golos>)
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([https://ru.wikipedia.org/wiki/%D0%A0%D1%83%D1%81%D1%81%D0%BA%D0%B8%D0%B9\\_%D1%8F%D0%B7%D1%8B%D0%BA](https://ru.wikipedia.org/wiki/%D0%A0%D1%83%D1%81%D1%81%D0%BA%D0%B8%D0%B9_%D1%8F%D0%B7%D1%8B%D0%BA))

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Congratulations to all on the launch of ICO!

Near this project, a steep community is already being formed, and I am sure that it will be only better. I also hope that the Voice will promote the popularization of Crypto-currency and lock-up in Russia and in general in all CIS countries

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**leesunmoo** ▼ 30 · [last year \(/ru--goslos/@goslos/golos-russkoyazychnaya-socialno-mediinaya-blokchein-platforma#@leesunmoo/re-golos-golos-russkoyazychnaya-socialno-mediinaya-blokchein-platforma-20161102t002914614z\) \(/ru--goslos/@goslos/golos-russkoyazychnaya-socialno-mediinaya-blokchein-platforma#@leesunmoo/re-golos-golos-russkoyazychnaya-socialno-mediinaya-blokchein-platforma-20161102t002914614z\)](#) [-].

good luck goslos

⬆ \$ 0.00 | [1 vote](#) ▼

**romsterdam** ▼ 46 · [last year \(/ru--goslos/@goslos/golos-russkoyazychnaya-socialno-mediinaya-blokchein-platforma#@romsterdam/re-golos-golos-russkoyazychnaya-socialno-mediinaya-blokchein-platforma-20161120t185128470z\) \(/ru--goslos/@goslos/golos-russkoyazychnaya-socialno-mediinaya-blokchein-platforma#@romsterdam/re-golos-golos-russkoyazychnaya-socialno-mediinaya-blokchein-platforma-20161120t185128470z\)](#) [-].

Another reread and re-read several times ...

⬆ \$ 0.00 | [5 votes](#) ▼

**cyberdes** ▼ 54 · [last year \(/ru--goslos/@goslos/golos-russkoyazychnaya-socialno-mediinaya-blokchein-platforma#@cyberdes/re-golos-golos-russkoyazychnaya-socialno-mediinaya-blokchein-platforma-20161121t220536613z\) \(/ru--goslos/@goslos/golos-russkoyazychnaya-socialno-mediinaya-blokchein-platforma-20161121t220536613z\)](#) [-].

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[blokchein-platforma#@cyberdes/re-golos-golos-russkoyazychnaya-socialno-mediinaya-blokchein-platforma-20161121t220536613z\)](#)

peg to gold is good.

⬆️ \$ 0.00 | [3 votes](#) ▼

**kivlar** ▼ 52 · [last year \(/ru--golos/@golos/golos-russkoyazychnaya-socialno-mediinaya-blokchein-platforma#@kivlar/re-golos-golos-russkoyazychnaya-socialno-mediinaya-blokchein-platforma-20161129t022643504z\)/ \(/ru--golos/@golos/golos-russkoyazychnaya-socialno-mediinaya-blokchein-platforma#@kivlar/re-golos-golos-russkoyazychnaya-socialno-mediinaya-blokchein-platforma-20161129t022643504z\)](#) [-].

All perfectly! I just do not understand to get "sheardrop participants of the original Steam" must register in the VOICE under the same nickname as in STEEMe?

⬆️ \$ 0.00 | [2 votes](#) ▼

**jumper** ▼ 57 · [last year \(/ru--golos/@golos/golos-russkoyazychnaya-socialno-mediinaya-blokchein-platforma#@jumper/re-golos-golos-russkoyazychnaya-socialno-mediinaya-blokchein-platforma-20170123t102232548z\)/ \(/ru--golos/@golos/golos-russkoyazychnaya-socialno-mediinaya-blokchein-platforma#@jumper/re-golos-golos-russkoyazychnaya-socialno-mediinaya-blokchein-platforma-20170123t102232548z\)](#) [-].

The question to developers and organizers is there is some idea that you might be interested in as an option for the development of your system. If it is interesting, you could discuss it.

Brief formulation: the national cause is the awakening and evolution of Russia's collective mind in a free Internet country.

In principle, there is a possibility. that such a system will be the pinnacle, the Everest of the Internet :)

Read more - Compiled.

⬆️ \$ 0.00 | [5 votes](#) ▼

**winds60** ▼ 54 · [last year \(/ru--golos/@golos/golos-russkoyazychnaya-socialno-mediinaya-blokchein-platforma#@winds60/re-golos-golos-russkoyazychnaya-socialno-mediinaya-blokchein-platforma-20170129t164257006z\)/ \(/ru--golos/@golos/golos-russkoyazychnaya-socialno-mediinaya-blokchein-platforma#@winds60/re-golos-golos-russkoyazychnaya-socialno-mediinaya-blokchein-platforma-20170129t164257006z\)](#) [-].

And how good it would be to write all this in simple accessible and understandable language for ordinary participants! Not everyone can understand the terminology. You did not think that everyone here has a higher education!

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[more \(/starttoplight\)](#) **toplight** ▼ 57 · [last year \(/ru--golos/@golos/golos-russkoyazychnaya-socialno-mediinaya-blokchein-platforma#@toplight/re-winds60-re-golos-golos-russkoyazychnaya-socialno-mediinaya-blokchein-platforma-20170129t164257006z\)](#) [-].

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I'm a little lost in the terminology, but sooner or later we will have to figure this out as our elderly parents with the Internet and mobile. Everyone is immersed in a topic for how much to him it is nada

 \$ 0.00 | [4 votes](#) ▼

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