



Meta Resident

META RESIDENTS

DAO CORNERSTONE IN THE FUTURE METACUNIVERSE

W H I T E P A P E R

summary

Meta Resident (MR) is a BSC-based decentralized autonomous organization (DAO) protocol, which belongs to a new type of organizational operating system. MR aims to get some people into the future first and become the DAO organization of the metaverse "meta" residents.

The goal of MR is to rebuild the security and trust of the community, gather the strength of each member to achieve a goal together, integrate the imagination of helping talents in the blockchain field, and maximize social value.

Many other DAO is still an abstract concept, and one key point to their failure is the lack of a solid framework for decentralized blockchain regulation. Based on the DAO stack, MR is an open and universal DAO smart contract framework that can realize decentralized supervision and collective value management on the blockchain. Just as HTTP enables the creation and interoperability of websites and web applications, MR enables the creation of network companies, collaborative applications and DAO, allow each member to vote and govern, and align their interests, ultimately building a new open cooperative network. In this network, the collective can organize itself around common goals and values, going beyond pure economic growth.

Moreover, in order to show the significance of the community, MR created a thousand plan. MR is a key step towards multi-collaborative and sustainable future development, and a great community cause for the whole mankind.

If you believe in the future of the metaverse and the possibility of being involved in the metaverse, we can't see any reason not to believe in our MR's vision.

QUINDRY

THE EVOLUTION OF DAO

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The evolution of DAO

After thousands of years of continuous evolution, the ability to well organize and coordinate a large number of individuals is one of the greatest forces and drivers of social progress. Here we present the challenges facing legacy organizations today, and a new form of network organization, DAO.

- remnant tissue

Agency collaboration can improve its efficiency in external competitive market forces, and the basic origins of the company are formalized in Coase's famous paper, "The Origin of the Company". However, the coordination of a large number of agents, is also the reason why organizations cannot grow indefinitely.

In development, organizations need stricter structures and therefore face more severe challenges:

- a) Maintain flexibility for rapidly changing conditions;
- b) Maintain the consistency of interests, trust, and interactions among members.

In short, the larger the organization, the more internal friction to address; the smaller the organization, the more dominant the external competition. Often, the actual size of the company is the sweet point of balancing the two forces.

Sometimes, the introduction of new technologies or model transformations reduces coordination costs and brings further the size and efficiency of the organization. This triggered a shift in work and business situations, in turn triggering social changes such as crowdsourcing and the invention of the Internet itself.

The Internet enables open, real-time, and point-to-point information exchange worldwide. As a result, Internet media was more effectively expanded than traditional media businesses and quickly absorbed the latter. However, the Internet itself does not support open, point-to-point value exchange with universal harmonization, thus limiting its potential to promote global cooperation.

- **blockchain**

Blockchain is the second Internet revolution, and the value and business created are comparable to the Internet's contribution in information and media. By completely eliminating negligence and trust issues, it achieves an unprecedented level of collective coordination, forming the technical basis of DAO. DAO is a scalable new form of self-organization and collaboration, operating through smart contracts on the blockchain. Many believe that the DAO carries a commitment to the business and the future of the work.

But while the issues surrounding the topic have a huge impact in the

blockchain community, there is still not a successful regulatory system and operational basis for DAO.

- agent

The DAO building module is smart companies or agent (we will rotate both terms). An agent is an atomic regulatory unit that manages and operates through smart contracts on the blockchain. It has its own tokens (linked to the benefits of the company's resources), its own reputation system (linked to the credibility and influence of company matters), and its own regulatory system (its "charter" is embedded in smart contracts).

Regulatory agreements embedded in proxy smart contracts may be anything that anyone makes. A simple example is a proposal-based regulatory system voting for / against a majority vote on the approval and implementation of the required proposal (an operation of a smart company). For example, proposals may be about token allocation or project development, and voting can be weighted by voter reputation.

In a heuristic visualization, it may look as follows:



It is recommended to allocate 5MRs to A for the development of the 10000-fold plan.

The middle of the graph represents the agent in the organization, and the distance and size of the members to the center reflect the influence or reputation (the closer it is); the larger it reflects the share of the token (the larger the person, the more governance tokens are held). One agent suggested assigning five MR to agent A for its valuable contribution to the 10,000 x plan. The company's agents vote, and the voting rights are weighted by its reputation. The contract automatically enforces the proposed allocation of tokens as long as most reputation holders agree to the proposal.

- **DAO**

Agents run smart contracts on the blockchain, they follow non-destructible verifiable rules that can only be changed by the

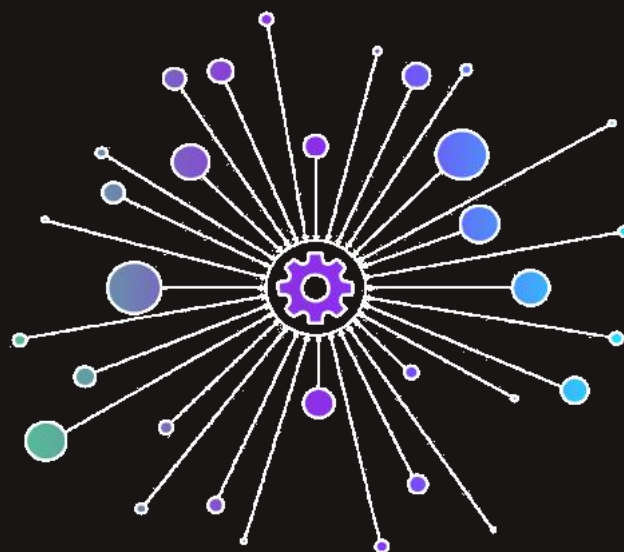
rules themselves, and they may or may not achieve autonomy by their chosen regulatory system. For example, a token reserves a veto power for the decision-making process of other tokens.

DAO is a centremesh network of agents that is an agent itself. There is no single control point or failure point in the organization. Instead of centralized management, indirect coordination between agents. This coordination is also called "excitation work" in biology and is triggered by incentives and code. DAO is a self-organized entity more like an organism than a whole.

We thought about the various organizational types of DAO, including the following:

- DAO topology

1. Large-scale assembly mode

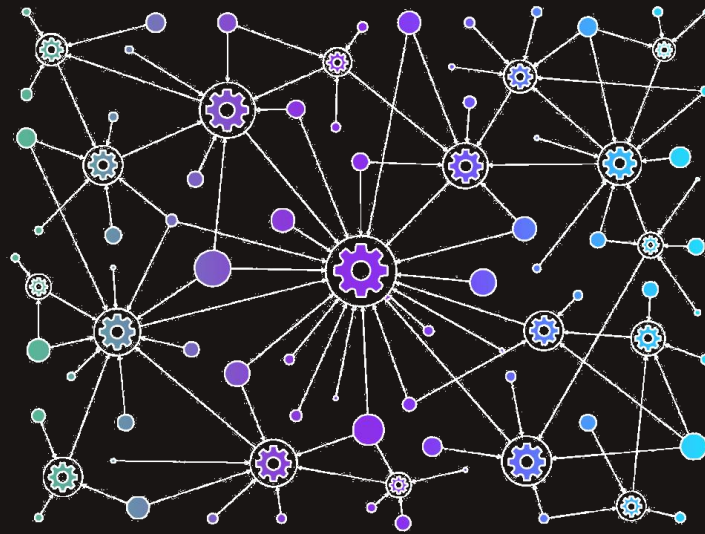


In the assembly mode, a large number of agents interact with their decisions within a single agent through their smart contracts, so that the decision-making power is fairly distributed. Despite the simplest, this pattern inherently has tension with extensibility; and has limitations in processing power while maintaining flexibility. We will introduce some techniques to extend the processing power of this DAO mode, but it does not by itself be the final complete answer.

2. Broken shape federal regulatory model



In the extreme fragmented federal regulatory model, DAO is an agent with several agents, each agent itself an agent, and so on. Actually, DAO may be somewhere between these two modes, and as a nested agent network, DAO may be intertwined with other DAO's through shared agents, such as the following:



This mode of complex network network belongs to DAO, with the infrastructure provided by DAO stack, these simple agents are able to form complex network network. In order to give full play to the role of collective wisdom, and to benefit from the whole organization, in DAO organizations, power can be divided in the way of the elite system.

- **The famous decentralized structure**

Dealized structures are very common in nature. The human body is a decentralized structure composed of organs, suborgans, and secondary organs, refined up to the atomic cells, which themselves have their internal structure. The body's function is very decentralized, and no cells indicate what the other cells do. Instead, each cell ran autonomously according to the input it received from the environment. The feeling of an organism (autonomous, vibrant

human) is an emerging phenomenon reflected only at the collective level.

An ant colony is a decentralized structure. It runs without central management or control (the queen does not determine the colony, but is responsible for spawning), and each ant responds to its closest environmental conditions. Wise colonies are an emerging phenomenon at the collective level, originating from the indirect coordination of ants without even requiring direct communication with each other.

The Internet is a human-based decentralized structure, which is a noncentred system. Fifty years since its birth, the Internet has imperceptibly expanded to 2 billion users. Its dynamic self, despite helping it evolve over time, is like a living system. However, the Internet does not support the internal distribution of values, so it lacks an intrinsic model of economic incentives. Thus, its functionality is limited to information assignment.

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THE BIRTH OF MR

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The birth of MR

Looking at the evolution and development of the above organizations, it is not difficult to find that, in fact, the blockchain itself is the closest existing thing to the DAO (more accurately, it should be the DApp). This is an acentric life organisation run by a large number of participating members (i. e., miners). With a brand new internal economic incentive model, it opens the door to unprecedented organizational growth models.

When the MR team wrote this white paper, the Bitcoin blockchain network grew from zero to nearly \$1 trillion in value, and it did not require any central management or coordination. The Ethereum blockchain also grew to \$300 billion in three years! However, these value-based DApp have limited functionality and require additional elements to start a universal DAO that can be organized around a general purpose. The DAO stack is the missing factor.

We therefore believe that future work is based on one's contribution to the various organizations that they are most interested in. The DAO opens up a new paradigm for the democratic governance and organizational coordination of people with similar interests and

values.

And based on the current market development situation, 2022 is the first year of DAO, which has been the market consensus. Therefore, at the heart of our vision is to become the latest paradigm of DAO, and to help DAO members enter the metaverse era, practice the multifold plan, and achieve wealth freedom.

In the new stage of civilization development, we should put forward new technology and ethics, and explore the balance between technology, individuals and society. MR ecology should not only be available, reliable, visible and controllable, so that people can trust and use it; but also the application of technology should bring progress to society and seek well-being for human development. The civilizations it creates should be diverse, equal, open and inclusive, and are in line with the values of a community with a shared future for mankind.

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MR INTRODUCE

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MR introduce

Meta Resident (MR) is a BSC-based decentralized autonomous organization (DAO) protocol, belonging to a new organizational operating system. MR aims to get some people into the future first and become the DAO organization of the metaverse "meta-meta" residents.

MR is the world's first Defi 2.0 application DAO protocol based on the great autonomous community, and the Defi full-layer financial agreement in the future. The goal of MR is to rebuild the security and trust of the community, gather the strength of each member to achieve a goal together, integrate the imagination of helping talents in the field of blockchain, bring considerable benefits to each DAO member, and maximize social value.

Many other DAO is still an abstract concept, and one key point to their failure is the lack of a solid framework for decentralized blockchain regulation. Based on the DAO stack, MR is an open and universal DAO smart contract framework that can realize decentralized supervision and collective value management on the blockchain.

Just as HTTP enables the creation and interoperability of websites and web applications, MR enables the creation of network companies, collaborative applications and DAO, allow each member

to vote and govern, and align their interests, ultimately building a new open cooperative network. In this network, the collective can organize itself around common goals and values, going beyond pure economic growth.

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MR has the core spirit of Web3: positive, transparent, and win-win, and MR coordinates the network through real ownership of contributor work and community relationships. When everyone has a part of the network, and the success of the network depends on their actions, more and more people will opt to join in, and the whole ecology will grow stronger and stronger.

MR has a perfect economic model design and planning. The total amount of tokens in the early stage can be completely autonomous, and the members can directly establish liquidity, improve the DAO ecology, and also enjoy dividends and liquidity returns.

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MR ECONOMIC MODEL

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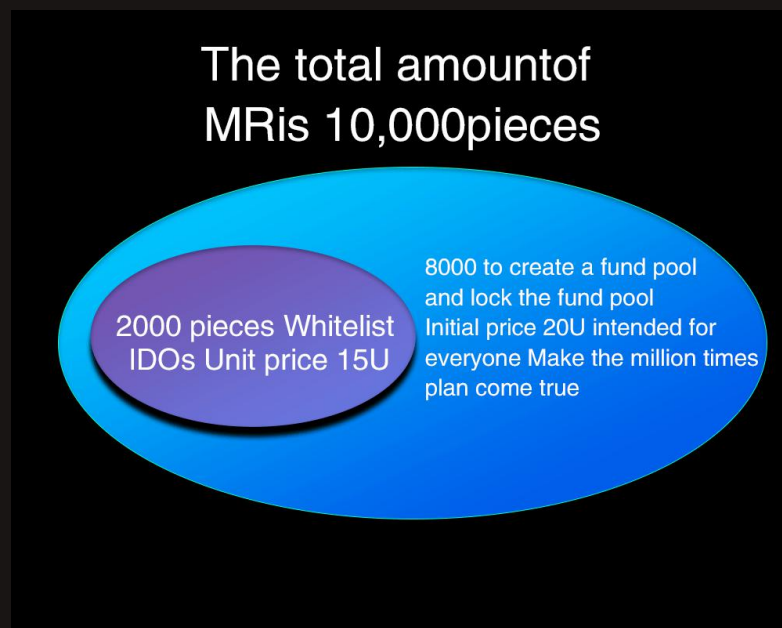
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MR economic model

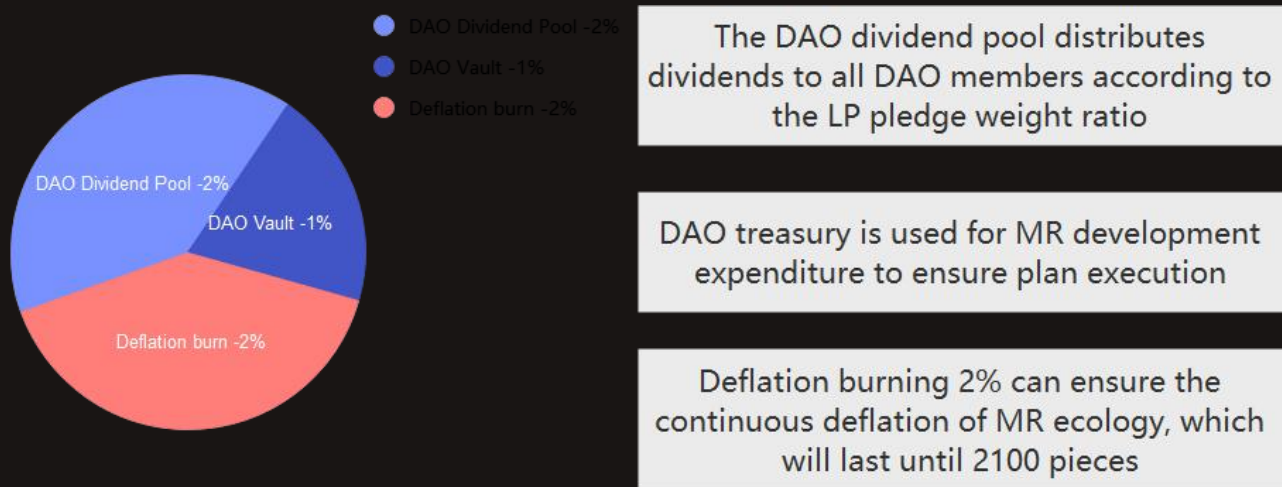
On the basis of ensuring the fairness and legitimacy of asset issuance and on the premise of ensuring the sacred inviolability of users' pledged assets, users contribute the liquidity of assets to obtain the corresponding ecological rights and interests, which is the core governance mode forming the MR ecology.

After the issuance of MR tokens, there are 2,000 whitelisted IDOs, and the remaining 8,000 tokens will be directly put into the PancakeSwap trading pool MR/BNB, and then the contract ownership will be discarded and the liquidity pool will be locked.



MR creates a dynamic distribution strategy after distribution, namely the transaction slippage point in the regular sense, and the system determines the amount of MR distribution according to some variables to promote the ecological positive game.

At present, the sliding point set by MR ecology is 5%, and the transaction of each flow pool will be deducted. The DAO dividend pool can also regularly issue air investment tokens for cooperative projects. The specific purpose can be divided into the following categories:



In addition, MR Ecology decided to be the project tokens participating in the ecology, such as the circulation tokens in the chain tour. Project application was voted by DAO agreement, project approval and application coins, cast through MR, and the proportion is determined by the community vote.

In the MR ecology, each DAO member needs to purchase MR from the Swap pool, inject MR / BNB liquidity, and pledge the LP liquidity certificate into the DAO agreement, which can be activated as a full MR ecology member, with voting rights, casting rights and dividend pool dividends.

The size of LP certificate determines the share of dividend and voting weight. The top 5 LP ranking have the authority to initiate voting proposals.

In addition, all the members who actively participate in the construction of MR ecology can receive a variety of project benefits, including:

1、Liquidity returns:

All MR ecological users need to buy MR and inject liquidity to become formal DAO members. The process will also make themselves a liquidity provider of MR and obtain liquidity returns, which is equivalent to the user being a DAO member and a liquidity market maker, obtaining double returns;

2、Sliding point bonus income:

For example, well-known exchanges Binan and OKEx are 0.3%, and MR ecology is 5%, that is to say, the resulting ecological transaction profit is very considerable, of which 2% is allocated to DAO members, and 2% deflation is destroyed, making everything possible through the power of the community;

3、Applied ecological benefits:

In the later stage, MR ecological passed through the huge

community and the implementation of various meta-universe chain
tour projects, and won the ecological dividend of the project
development. In addition, many projects cooperating with MR will
also pay dividends through the dividend pool.

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MR TEN THOUSAND TIMES PLAN

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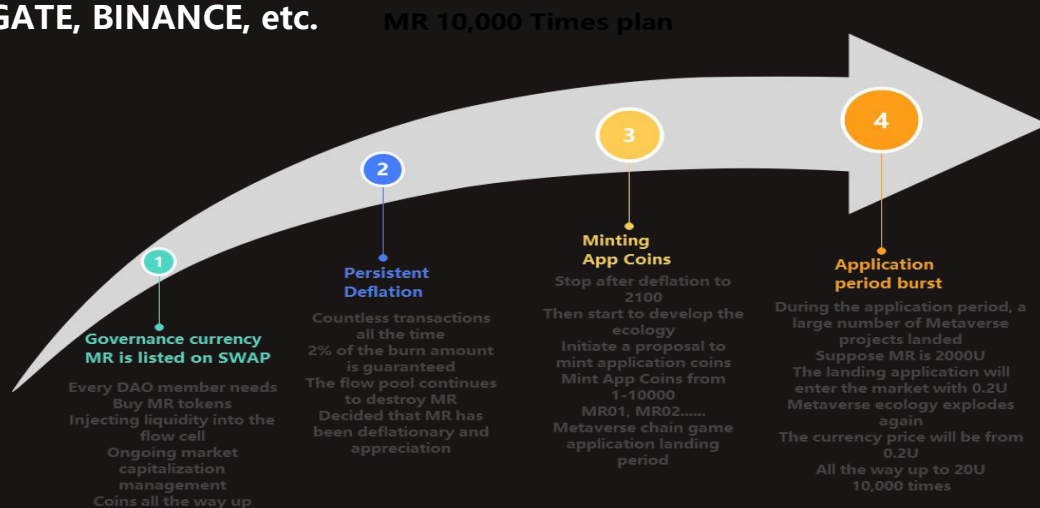
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MR ten thousand times plan

Not only does being a DAO make us bigger than a centralized company, it also helps us coordinate and mobilize a working team of learners and profitable people whose members will act as Sherpas for potential new encryption users.

To develop the DAO to the corresponding scale, the traditional marketing is not enough. So, in our transition to the world's largest meta smos DAO, we have to build a close community of DAO contributors who can operate the network with the core MR team and we will give them excess benefits, which we call the MR 10,000 x plan.

The MR team members are located in Dubai, with the whole industrial chain resources. Members are very good at global community operation. In the future, they will actively promote the cooperation of other global famous exchanges, such as OKEx, MEXC, GATE, BINANCE, etc.



- Ten plan the first phase: governance coin MR target 100 times

Early market value is low, only \$200000 market value, each DAO members need to buy MR tokens, and then feedback into flow pool for LP become a full member, for the flow pool increase a lot of capital precipitation, plus 2% sustained deflation destruction, ensure the token deflation to 2100, token prices will continue to rise, price in Swap open trading from 20U to 200U to 2000U is 100 times, belongs to the MR dividend growth, everyone can quickly profit from, just to grow ecology;

- Phase II: 100 times the MR target in the application period

Through a large number of meta-universe chain tour landing development ecology, each project will cast application coins, to MR01, MR02, MR03.....The way to present.

For example: you have 2 MR, each 2000U, worth 4000U, split and converted into 20,000 application coins MR01, each 0.2U began to enter chain tour, NFT, metaverse, DeFi applications (detailed in ecological application chapter);

The currency price from 0.2U to 2U is 1,000 times, and then to 20U is

10,000 times!

At that time, we are proud to announce that MR is the great invention of the entire human organization too much to DAO. It subverts the new profit-oriented community mechanism with beliefs and values, and is currently in the infancy of DAO. We firmly believe that DAO will become the most valuable invention in the future.

LAUNDRY

MR ECOLOGICAL APPLICATION

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MR Ecological Application

In MR's X plan, meta universe chain tour is the absolute core plate of the application period. It can be said that 2022 is also the first year of meta universe chain tour. All indications show that the value of chain tour in meta universe and chain tour economy is generally optimistic by the industry. Once the scale of the chain tour organization is mature, it will have extremely huge economic value.

1、 There are many blockchain project investors, chain game project players, currency speculation players, players in the mining circle around the world, most of them are leeks and refugees. The whole market urgently needs new business forms to activate, giving the P2E metauniverse and chain game a broad development soil for the economic model;

2、 The business model of P2E, combined with NFTs leasing, as the DAO members of MR, can gain profits by consuming time without investment. The "0 lu" experience will quickly drain users, combined with the we-media publicity of DAO members, and further drain users for chain games, in line with the rapid expansion of users of NFT chain tour;

Therefore, in the ecological application landing planning of MR, the meta-cosmic chain tour occupies an absolute core position. In the future, the core assets of each chain tour will be MR01, MR02, MR03.....The way of casting, and this will be decided by DAO members.MR's DAO platform will also have perfect infrastructure in the future, including: Token decentralized trading platform, NFT trading platform, NFT leasing system, etc., and the MR technical team is developing the NFT interactive system simultaneously.With the help of MR DAO, the platform will be built into a comprehensive platform integrating NFT game asset trading, lending and ecological incubation, and turn the ecological application into the S team of NFT chain tour.

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MR TECHNOLOGY ARCHITECTURE

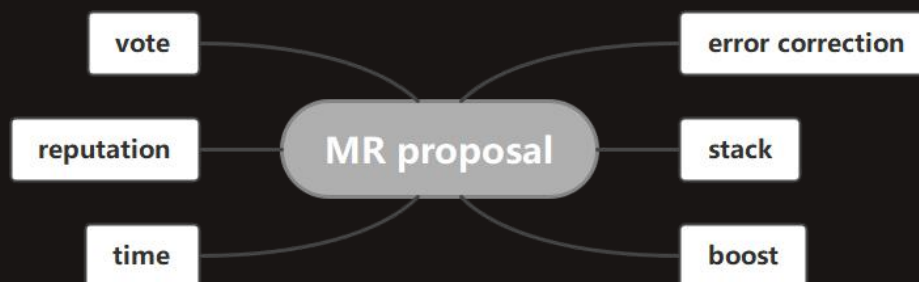
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MR technology architecture

Whether in the MR ecosystem or any DAO, the proposal voting system is the top priority. First, we need to introduce the MR voting system of M R, which is the most important module in the DAO ecology, which can be simply summarized in the following aspects.



We will introduce them in the following steps:

1、 Proposal (vote)

Decision are initiated by the proposal.Proposals were submitted by the agent and then voted as "Yes" or "No".

2、 reputation

The agent's vote is weighted by its reputation.Currently, we limit each unit to having a single reputation system.The reputation of each DAO member depends on the proportion of liquidity funds that the member injects into the Swap capital pool, and the liquidity voucher LP is its specific manifestation.

3、 time

Once the proposal is switched on, it has a limited closing time (such as 2 weeks). This means that at the end of this interval, decisions are made (yes or against) by the relative majority of the voting reputation (e. g., out of all votes only).

4、 error correction

To avoid finalizing attacks, an effective decision (i. e., mostly yes or against) cannot be changed within the end interval (e. g., 1 day). This means that if on the last day of the opening, most change from "yes" to "against" (and vice versa), the opening interval is extended by one day. The vote ends only if the decision changes on the last day of the vote.

5、 storehouse

At each time point, only a limited number of public proposals (such as 10) can be opened. All other proposals were waiting in line and sorted by ranking system. Each time, when all the proposals in the open stack are complete, the highest ranked proposals in the queue go into the open stack and are opened.

6、 boosting

Anyone can improve the sort of a proposal by boosting it. If the proposal is successful, the booster gets the token that will otherwise be destroyed (and the difference in this proposal is allocated to some or all of the voters).

- **About the proposal system**

The proposal is a logical function consisting of a series of instructions, using a specific set of inputs and processing them to generate a specific set of outputs. Proposals can be designed to do almost anything, although most of them will trigger some basic function of the agent, such as tokens and fund allocation, reputation allocation, and protocol upgrades. The common scheme is based on the proposal, the proposition that certain basic operations of an agent are triggered in a particular manner. The proposals will then be voted "yes" or "against" and may be approved, enabling automatic implementation of the proposal.

- **About the reputation system**

Usually, a reputation score is a non-transferable asset, and the agent is unable to transfer its reputation to other agents. In the simplest case, the members have a single reputation system, namely, the members hold the MR flow pool LP credentials, with the same

influence score for all types of decisions, both the larger the number of LP holdings, the higher the reputation.

- **About the regulatory system**

In the MR ecology, the regulatory system will ensure that the ecology avoids all kinds of accidents. The regulation of an agent can be divided into two types of behavior, namely, should act and should not act:

1、Behavior should be the logical and operational rules that the agent function can trigger. For example, if most reputation holders in the DAO approve the MR to cast new tokens, the token issue will be automatically triggered by the DAO's smart contract. We refer to these operational logic as "proposals."

2. Behavior should not be a restriction and constraint that the agent must absolutely abide by, and even the approved proposal should not be violated. For example, if the DAO approves the upper limit of 10,000 tokens, the token issuance plan will only run when the total number of tokens issued is less than 10,000. We refer to these restrictions as "global constraints." The constraints are absolute, or are designed to be upgradable under specific conditions.

- **About the protocol upgrades**

When receiving a command from the subscription scheme, the controller can register the new scheme and constraints or write out the old scheme. Because an agent's regulatory agreement is fully defined through its content, each agent can easily upgrade and modify its regulatory system (if that capability exists in its existing agreement). The conditions for performing the protocol upgrade are defined in the actionable element registration / cancellation registration subscription scheme. An agent can have different conditions to register or unregister different elements.

- **About technology upgrades**

The controller has a special feature to transfer ownership of all operator contracts to the new address. Whatever the new address is, it will have full control of the agent's assets. It may be upgraded to an improved technical architecture. In addition, the agent can also upgrade to a completely new architecture if required.

After understanding the main technical principles of MR ecology, let's illustrate it another example.

For example, a simple reward scheme in the MR ecology is as follows:

- 1. The agent submits a proposal to the DAO, and a user contributes to the 10,000 times plan, rewarding the dividend pool with 10 MR tokens for their contribution to the MR ecosystem.**
- 2. Any person may vote for or against this proposal and be weighted by their DAO reputation (LP credentials).**

Once most DAO members have voted in favor, the DAO's operating system will implement the proposal and assign 10 MR tokens to contributing agents.

[Reference Documentation]

[1] S.Nakamoto, "Bitcoin: A Peer-to-Peer Electronic Cash System,"
w ww.Bitcoin.Org, 2008.

[2] V.Buterin et al., "Ethereum white paper," 2013.

[3] "Nabulas Technical Whitepaper." [https://nebulas.io/docs/
NebulasTechnicalWhitepaperZh.pdf](https://nebulas.io/docs/NebulasTechnicalWhitepaperZh.pdf).2018.

[4] "DAO."
[https://en.wikipedia.org/wiki/Decentralized_autonomous_
organization](https://en.wikipedia.org/wiki/Decentralized_autonomous_organization).

[5] "Tragedy of the Commons."
h https://en.wikipedia.org/wiki/Tragedy_of_the_commons.

[6] "NAS nano Pro." <https://nano.nebulas.io>.

[7] "Nebulas Explorer." <https://explorer.nebulas.io>.