

ICONstitution and Governance ^{EN}

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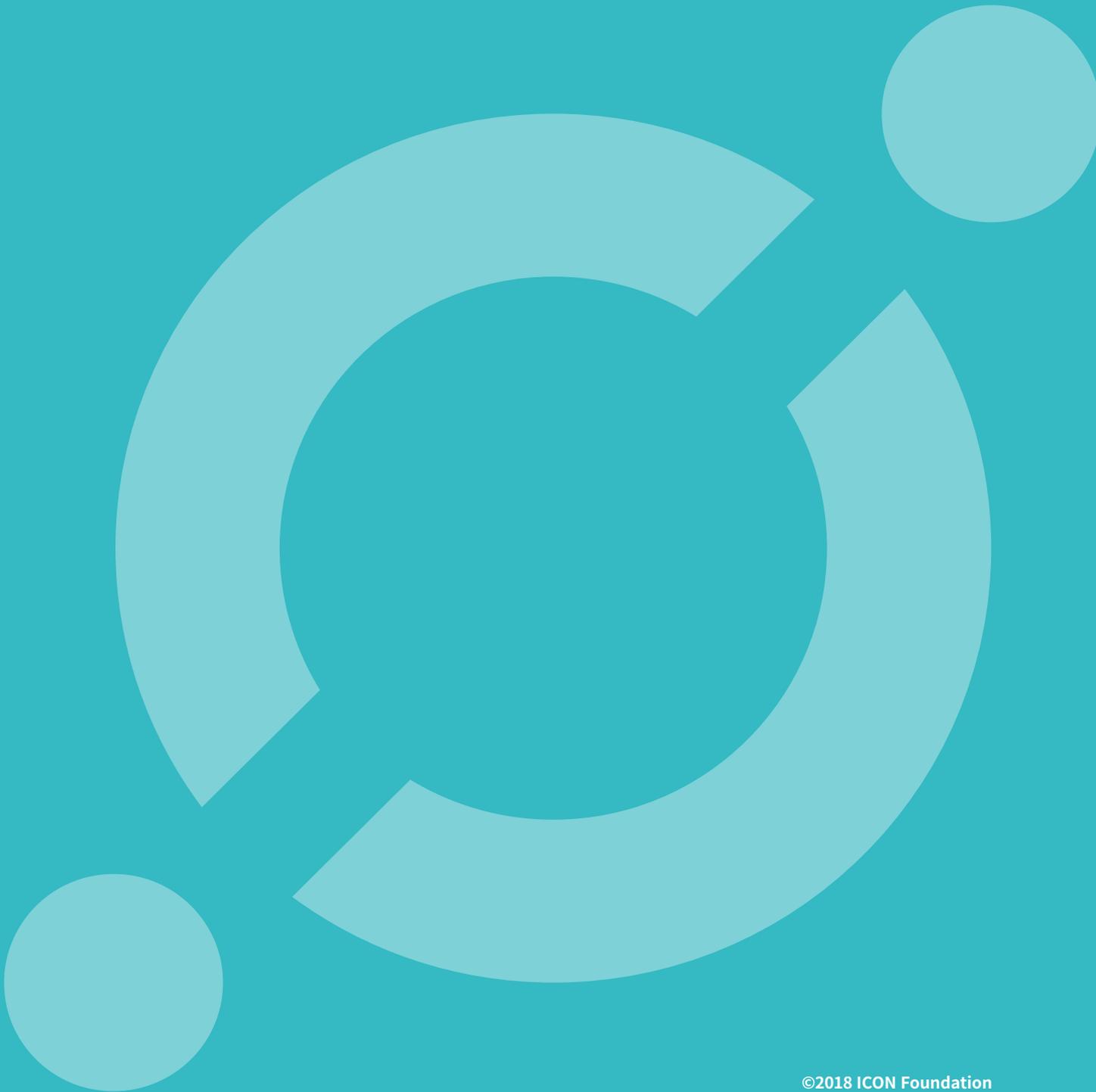


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Introduction

Philosophy of the ICON Republic : A Thousand Blockchains

“What was important for us was less our working together than this strange fact of working between the two of us. We stopped being ‘author’. And these ‘between-the-twos’ referred back to other people, who were different on one side from on the other. The desert expanded, but in so doing became more populous. This had nothing to do with a school, with process of recognition, but much to do with encounters.”

What Deleuze refers to as the death of ‘author’ and the expansion of the desert overlaps with the phenomenon seen through the emergence of many blockchains after the disappearance of Satoshi Nakamoto, the author of the Bitcoin whitepaper. The birth of multiple subjects simultaneously brought about by the death of one. Without his disappearance, would it have been possible for a myriad of blockchains to arise? In that sense, it is ironic that the Ethereum Foundation, which emerged soon after Bitcoin, has Vitalik Buterin, a centralized subject amidst demand for decentralization.

“A book has neither object nor subject. It is made of variously for matter, and very different dates and speeds. To attribute the book subject is to overlook this working of matters, and the exteriority of their relations. It is to fabricate a beneficent God to explain geological movements...A book is an assemblage of this kind, and as such is unattributable. It is a multiplicity-but we don’t know yet what the multiple entails when it is no longer attributed, that is, after it has been elevated to the status of a substantive.”

When the world stipulates a center and the metaphysical origin, it becomes linearly arranged. Objects are assessed and fixed in a hierarchy depending on their resemblance to the origin. Opening the horizon of new technology and being the first mover of the industry stakes a center to the origin of decentralized blockchain. A blockchain that most resembles or that is most connected to the origin, and those who deify them. Those that segregate parties who praise other blockchains. While they seek decentralization, they may well be on the road to centralization.

The irony is most evident when people advocate their own favourite blockchain, yet speak of the philosophy of the decentralized blockchain. In fact, this intrinsically implies centralization in transcendental awareness. Deleuze alerts such transcendental centralization by illuminating the concept of deterritorialization and reterritorialization¹.

¹ Deterritorialization and reterritorialization is a dual concept; deterritorialization represents escaping a structure or a system, whereas in reterritorialization that escaped state leads to a new structure or a system. Territory defines environment where production happens. Though territory is an indispensable factor for production, desire has tendency to constantly flow into new connections, and environments. Deterritorialization is constant movement to escape given territory, and this also entails formation of new territory leading to reterritorialization.

What Deleuze refers to as deterritorialization always leads to reterritorialization. The problem is not with the formation of new territory, but rather when it is not followed by deterritorialization. Blockchain must not be fixated in one order, but must continue its “a-parallel evolution”² and constant modification. As such, the ICON Republic is structurally composed of lines of articulation segmentarity, strata and territories; but on a movement side that brings changes to these, it was designed to involve lines of flight, movement deterritorialization and destratification.

Therefore, the design of the ICON Republic, as stated in the preceding White Paper, lies on Rhizomatic Philosophy. Below are brief citations to explain 6 principles of the philosophy.

6 Principles of Rhizomatic Philosophy

1 and 2. Principles of Connection and Heterogeneity

Any point of a rhizome can be connected to any other and must be. This is very different from the tree or root, which plots a point and fixes an order.

3. Principle of Multiplicity

It is only when the multiple is effectively treated as a substantive, “multiplicity”, that it ceases to have any relation to the One as subject or object, natural or spiritual reality, image and world.

4. Principle of A-signifying Rupture

Against the oversignifying breaks separating structures or cutting across a single structure. A rhizome may be broken, shattered at a given spot, but it will start up again on one of its old lines, or on new lines.

5 and 6. Principles of Cartography and Decalomania

A rhizome is not amenable to any structural or generative model. It is a stranger to any idea of genetic axis or deep structure...The rhizome is altogether different, a map and not a tracing... It constructs the unconscious. It fosters connections between fields, the removal of blockages on bodies without organs, the maximum opening of bodies without organs onto a plane of consistency. It is itself a part of the rhizome.

²A-parallel evolution is defined as the interaction of two non-related entities. For example, bees and flowers do not evolve parallel to each other. Bees and flowers use each other to breed their species. A bee can not live without flowers that give food, and flowers can not survive without bees that carry pollen. They de-territorialize each other, but they are causal to each other. Thus, bee and flower can achieve a-parallel evolution.

Creation of manifolds from continuous connections and without being rooted in a single point. Cutting across structures and starting up again on new lines, not amenable to any structural or generative model, the world is itself susceptible to constant modification. A world where there is no single entryway but multiple entryways. And its entryways can be exits and exits can be entryways. This rhizomatic world is what the ICON Republic pursues.

Moreover, the rhizomatic world that the ICON Republic pursues must be distinguished from a world of root-tree multiplicity. A root-tree multiplicity is different from that of a rhizome. The form of decentralization that we build is of the rhizomatic multiplicity, not the root-tree one.

Root-tree multiplicities are macro-multiplicities that are “extensive, divisible, and molar; unifiable, totalizable, organizable”; and on the other hand, micro-multiplicities are “molecular, libidinal, intensive multiplicities composed of particles that do not divide without changing in nature, and ‘distances’ that do not vary without entering another multiplicity.”

The interchain protocol designed for the ICON Republic deploys the rhizomatic multiplicity method. It does not follow common methods used by other well-known blockchains to tackle scalability issues. Blockchain must be cautious of the Root and Tree concepts. ICON does not create child blockchains.

The ICON Republic resents centralization in transcendental awareness via specific blockchains, but accepts existence of diverse and novel blockchains. The ICON Republic is a plane(Platform) where there is no center, but only generative relationships. When relationships between objects are fixed, there is no longer a relationship, but rather a traditional form of centralized substance.

There is constant transpiration ‘between’ objects. ‘In-betweens’ ceaselessly modify. Within chaos, cosmos is formed, modified, and broken. Neither cosmos nor chaos, it is chaosmos. Establishing ‘and’, following the dynamic streams of life, forming, modifying, breaking ‘and’, introducing the creation of fixated differences, such is the manifestation of the ICON Republic.

Then, what is the force behind movement ‘in-between’ such diverse objects?

“This production of new needs is the first historical act.” Satisfaction of needs leads to production of new needs, and relationship matures via relational network, flow, and interaction.

Desires are incessantly plural and multi-dimensional. We need to create a plane of consistency(plan de consistence) to embrace these desires.

Though plural and multi-dimensional desires are deployed on ICON’s plane (Platform) as multiplicities, even then their relations on the ICON platform are still a plane. Plane refuses verticality. Its very existence is intended to operate as relationship, not a transcendent.

Everyone's 'Blockchain', yet no one's 'Blockchain'. Endless expansion of 'A Thousand Blockchains', rather than centralization under 'one Blockchain'. This is the world that ICON pursues.

This article is a tapestry³ of many articles. It was not written by a particular individual, rather merely transpired 'between' us. To reach the point where it is no longer of any importance whether one says "I". This is the path ICON is destined to take.

³Although cited references ought to be revealed, this introduction is not written by a particular individual, rather generated via interchain of many writings from various authors. Therefore, references are omitted. Authors of the cited references as well as all the rest are writing this introduction.

ICONstitution

Article 1 (The Principles of the Constitution)

1. The ICON Network pursues decentralization, which is the fundamental philosophy of the blockchain paradigm.
2. Each Community has its own autonomy and can freely interconnect with the ICON Network.
3. The ICON Network fairly recognizes the contribution of all participants.

Article 2 (Rights of the ICONist)

1. Each participant who uses the ICON Network shall be called an "ICONist".
2. Each ICONist has the following basic rights:
 - a. Right to Governance: An ICONist has the right to voluntarily participate in the decision making of the ICON Network through the delegation of authority, of which is based on one's respective contribution to the ICON Network, or being oneself a delegate.
 - b. Right to Compensation: All ICONists shall be fairly compensated for their respective contribution to the ICON Network.
 - c. Right to Access: Each ICONist has the right to freely use the ICON Network.

Article 3 (Duties of the ICONist)

1. All ICONists shall strive to ensure that the ICON Network runs properly.
2. All ICONists shall oppose any transgression against the ICON Network.

Article 4 (Representatives)

1. An ICON Representative shall be an ICONist who has made a significant contribution to the ICON Network.
2. ICON Representatives shall consist of C-Reps (Community Representatives) and P-Reps (Public Representatives).
3. A C-Rep is elected from candidates as a representative of each Community that is connected to the ICON Network.

4. A P-Rep is elected from candidates who do not represent any specific Community as ICONists.
5. Each representative shall meet the minimum technical specifications necessary to generate blocks in the ICON Network.
6. Other qualifications of representatives shall be determined through the consensus amongst representatives.

Article 5 (The Authority of a Representative)

1. Each representative is delegated through the authority of ICONists and has decision-making authority within the ICON Network.
2. Each representative has the right to verify and generate blocks in the ICON Network.

Article 6 (Duty of a Representative)

Each representative shall perform the following duties in good faith for the ICON network.

- a. Duty to manage the ICON Network.
- b. Duty to participate in the governance of the ICON Network.
- c. Duty to protect the ICON Network.
- d. Duty to nurture ICON Network.

Article 7 (Election of a Representative)

1. Each representative shall be elected according to its respective contribution to the ICON Network.
2. The number of representatives shall be decided through the consensus of the representatives, provided that the number of C-Reps and the P-Reps shall be equal in principle.
3. Each potential representative shall be a candidate for either the C-Rep or P-Rep position, but not for both.

Article 8 (Disciplinary Actions Against a Representative)

1. If a representative fails to meet the qualifications set forth in Article 4.5, the representative shall be removed from the representative position.
2. A representative may be subject to disciplinary actions if any of the following occurs:
 - a. Contravention or refusal to obey the resolution under the Constitution.
 - b. Interference with the unimpaired operation of the ICON Network.
3. A representative may introduce special resolutions to remove representatives pursuant to Article 8.2. and the representatives so removed shall be forbidden from becoming a representative again thereafter.

Article 9 (Introduction of Resolutions)

1. Each ICONist has the right to submit a progressive suggestion for the betterment of the ICON Network.
2. Representatives may introduce a resolution for voting either by selecting some or all suggestions submitted pursuant to Article 9.1. or by introducing its own suggestion.
3. Resolutions shall consist of general resolutions and special resolutions. Special resolutions that specify to the Constitution or other issues that have significant impact on the ICON Network shall be special resolutions.
4. The contents and results of the resolutions and voting thereto shall be open to the public.

Article 10 (Adopting Resolutions)

1. Each representative has an authority to make decisions on the proposed resolution with a voting power commensurate to the amount of its own and delegated authority.
2. General resolutions shall be adopted by vote approved by a majority of the total amount of contribution which participated in such decision-making within a specified timeframe.
3. Special resolutions shall be adopted by a vote approved by at least two-thirds of the total contribution which participated in such vote. The quorum for such vote shall be one-third of the total contribution either owned or delegated to all representatives.

Article 11 (Implementation of the Resolutions)

All ICONists, including the representatives, shall conduct the approved resolutions in good faith.

Article 12 (Scope of the Constitution)

All ICONists are subject to the provisions of this Constitution.

Article 13 (Amendment)

A proposal to amend this Constitution shall be adopted by special resolutions of the representatives.

Article 14 (Effective Date)

This Constitution shall be enforced on the date of its promulgation.

ICON Governance

3.1. Introduction to ICON Governance

Ever since Bitcoin introduced a reliable method for creating trust in peer-to-peer networks, there have been heated discussions regarding how decentralized public blockchain networks ought to be operated.

Unlike the conventional network environment, where a single trusted entity processes all tasks, the public blockchain network environment needs a way for all participants to agree with mutual understanding given the large number of unspecified participants autonomously conducting their tasks. This situation is not unlike our traditional society composed of people. People establish a singular law and order under which everyone can build a trustworthy society through mutual understanding. Similarly, a decentralized peer-to-peer network can operate with the highest degree of reliability given the ability to conform to the consensus of its participants, thereby allowing participants of free-will to self-govern their network within a given economic structure.

For this reason, the ICON Governance is designed to ensure that numerous heterogeneous communities can reliably connect to each other by a commitment to each community. To this end, the ICON Network allows each heterogeneous community to elect its own representative, allowing representatives to transact within a single network consensus rule on behalf of each community member. Thanks to “the principles of complement and balance”, the ICON Network’s rules are fairly operated by representatives who are situated outside each of the heterogeneous communities. This framework enables participants to reach consensus on issues both inside and outside the ICON Network that are difficult to determine through code.

ICON Governance measures the contribution of all ICONists involved in the operation of the ICON Network in accordance with a specified evaluation system and distributes reasonable compensation accordingly. Through this system, each representative can objectively evaluate one’s contribution to the ICON Network, whether through delegation from other ICONists or one’s own contribution. In the ICON Governance, an ICONist who has made a sufficient contribution to the network is considered credible and is qualified to be the subject of major decisions in the network. This approach makes it possible to prove a variety of contributions to the ICON Network, as opposed to merely proving stake, as in the existing “Delegated Proof of Stake” approach.

The aforementioned processes are provided to the ecosystem through the ICON Network software, which is implemented in the form of blockchain ledgers and smart contracts. This ensures that the ICON Network is designed to enable the process of implementation and verification without an intermediary, thus making it safe for a myriad of heterogeneous communities and representatives to have mutual reliability.

3.2. The Principles Underlying the ICON Governance

Governance of the ICON Network embodies the following principles.

1) Decentralization

The ICON Network is implemented as a decentralized blockchain network without a single authority to distribute the power of the network to representatives. Since decentralized networks do not have a single entity controlling the network, no participant can arbitrarily terminate, manipulate or attack the system. A decentralized environment allows for autonomous governance of the ICON Network, creating a situation in which anyone can access and modify the technology, no one entity arbitrarily operates or owns the network, the network is physically distributed, representatives do not have any social relationship, and the economic structure is decentralized.

2) Interchain

The ICON Network is based on interoperability, which enables the sharing of information by connecting communities while still preserving their independent governance structures. Each Community can connect to another Community or individual ICONist through its representative, which is connected to the ICON Network. To this end, the ICON Network focuses on supporting multiple communication channels, decision-making structures, and compensation models as to allow multiple individual networks to organize under a mutual understanding. The ICON Network respects the independence of each blockchain community and does not interfere in their governance structures, but must also ensure the security of the interchain network.

3) Contribution

In order to create trust between various participants in the network, the ICON Network quantifies contribution of participants with an objective methodology. The ICON Incentives Scoring System (IISS), which is embedded in the ICON Network, is used for economic compensation and policy decision making. Each ICONist's contribution to the health of the ICON Network is evaluated fairly, and such an ICONist holds voting rights in proportion to such contribution.

3.3. Trust Mechanism of the ICON Network

3.3.1. Delegated Proof of Contribution

The ICON Network not only supports fast, uncompromising agreements through Loop Fault Tolerance (LFT), which is an enhanced BFT (Byzantine Fault Tolerance) algorithm, but also supports faster consensus by creating a group among trusted nodes. Therefore, the ICON Network has a decentralized governance structure based on indirect democracy, in which participants elect representatives and delegate voting rights. This method of ensuring all ICONists to participate (either directly or indirectly) in generating blocks is effective for forming a governance structure that connects countless external communities.

To determine a reliable representative, the ICON Network evaluates all participants according to their contribution to the network and quantifies them. Given a fair assessment of their respective contribution and the corresponding rewards, participants will develop and propagate the ecosystem, ultimately increasing its value. Participants with sufficient contribution can be judged to be credible and may be selected as a representative. In the same vein, reliability can be proven by receiving delegated contributions from other participants. The delegated contribution is an indicator that the participants are trusted.

The central philosophy of the ICON Network reward distribution is fair compensation based on relative contribution. Each participant can demonstrate their contribution through the ICON Network's unique contribution evaluation system. In the end, contribution is the most important value shared within the ICON Network, and therefore will be the sole standard in the network. Delegated Proof of Contribution (DPoC), as described herein, is the sole justification for electing representatives.

3.3.2. The System for Proof of Contribution: ICON Incentives Scoring System

For fair and objective operation of the network, a proper contribution evaluation scheme is necessary. The ICON Network measures and evaluates the contribution of all ICONists' network activities through the "ICON Incentives Scoring system" (IISS). The IISS is a contribution evaluation system for an individual ICONist calculated with weighted evaluation of several different metrics. Each ICONist is rewarded based on their IISS, and may delegate their IISS to a specific candidate in a representative election vote. The details regarding the evaluation system and standard for proof of contribution can be found in the ICON Incentives Scoring System (IISS) document.

3.4. The Composition of ICON Representatives.

3.4.1. The Representatives of the ICON Network: C-Rep and P-Rep

In order for the ICON Network to maintain its highest level of reliability, the representative position must be held by an ICONist who sufficiently contributes to the ICON Network or has proven reliability by receiving delegated contributions. To ensure reliability, the ICON Network will select C-Reps (Community Representatives) and P-Reps (Public Representatives) to generate blocks and participate in decision-making. Among the candidates, only the representatives who rank in the upper spectrum of the contribution levels can be elected as a C-Rep or P-Rep. In addition, the representatives can be changed at any time depending on the contribution level, governance status and purpose of the ICON Network.

1) C-Rep

A C-Rep, representing a Community connected to the ICON Network, is elected via autonomous decision-making within the respective Community in accordance to sufficient contribution verified. A C-Rep is a connection between ICON Network and Community, validating transactions on the ICON Network. A C-Rep proposes and votes on policies that represents interests of each Community.

2) P-Rep

A P-Rep, unlike a C-Rep, represents ICONists who do not belong to any specific Community. It is elected by evidencing its sufficient contribution to the ICON Network or by receiving sufficient delegations from other ICONists. A P-Rep also verifies transactions on the ICON Network, but unlike a C-Rep, it proposes and votes policies that maximize overall ICONist interests of the ICON Network. A P-Rep possesses the same authority and duty as a C-Rep.

3) The Principle of Complement and Balance

The ICON Network has created a governance structure that elects a C-Rep for each Community in order to connect several communities, and devised a complementary system to make this structure more balanced. Electing a P-Rep, who pursues the interests of the entire ICON Network, allows representatives with different interests to work together in the same decision-making process. C-Reps reflect their interest in each Community while P-Reps consider the betterment of the entire ICON Network, thereby creating a more stable and balanced governance of the ICON Network. This is a reliable governance structure that not only can embrace diverse opinions from ecosystem participants, but also solve the biased decision-making problems of the existing delegated consensus models.

3.4.2. Qualifications for a C-Rep and P-Rep

Both C-Reps and P-Reps undertake duties as representatives and thus are required to meet certain qualifications. First, each representative must be an ICONist and shall meet the ‘minimum contribution’ that is automatically calculated on the ICON Network. Second, each representative shall meet the minimum technical requirements necessary to generate blocks on the ICON Network and keep the network stable. These are the minimum eligibility requirements to become a representative on the ICON Network, and additional requirements are determined by consensus among the representatives. Candidates that meet the aforementioned minimum requirements will be given the opportunity to compete for delegated contribution from the broader Community of ICONists. Those with the highest level of delegated contribution from other ICONists will be elected as a representative.

3.4.3. The Role and Duty of C-Reps and P-Reps

As representatives of the ICON Network, C-Reps and P-Reps shall maintain the ICON Network with the highest level of reliability and maintain an environment that allows ICONists to contribute to the network.

1) Duty to Manage the ICON Network

Providing an uninterrupted environment by offering computing power to the ICON Network is a fundamental requirement of the representatives. Specifically, the representatives process all transaction types, conduct computational tasks, and propose blocks. In this process, each representative agrees to a set of processing algorithms to validate the results. This duty is of the highest priority, as it is the foundation of a secure and valuable blockchain network.

2) Duty to Participate in the Governance of the ICON Network

The ICON Network is a dynamic environment. Participants come and go, as do their respective opinions and interests. With this in mind, representatives must reflect the opinions and interests of their constituency, making sure to adjust as necessary. Such adjustments can be made through proposing entirely new policies or changes to existing policies. ICONists can submit a ‘Progressive Suggestion’, and their respective representative is obliged to actively review such suggestions.

3) Duty to Protect the ICON Network

The diversity of participants in the ICON Network and the value created by the ecosystem can always be exposed to a variety of risks. This refers to all forms of criminal activity and abuse, such as network failures, attacks, fraud and collusion. Each representative is obliged to protect the ecosystem from these risks.

4) Duty to Nurture ICON Network

Although the ICON Network is an ecosystem composed of many different communities, each representative has an obligation to nurture the network as a whole. This is accomplished through efficient communication between Communities and the broader network of ICONists. ICONists and their respective representatives must ensure the independence of each Community through an unrestricted environment. Inclusive governance leads to a larger network of Communities, thus increasing the value of the broader network.

3.5. Decision-making

3.5.1. Decision-Making in the ICON Network

Decision-making in the ICON Network is the process of reaching consensus on a specific topic. The true value of the blockchain is revealed through the decision-making process. Network participants can participate directly or indirectly through voting or delegation, respectively. Representatives receive delegations, undergo decision-making on given suggestions via a separate communication channel, and their votes are weighted by the sum of their individual contributions and the contributions delegated to them. Decision-making extends to a large spectrum of aspects including modifications to native technical configuration within the ICON Network (On-chain Governance⁴) as well as improvement and addition of new functions to the ICON Network pertaining to discussion outside the ICON Network (Off-chain Governance⁵).

In general, decisions on the ICON Network can be determined through voting among representatives and the results can be applied immediately to the ICON Network. However, in the case of decisions that need to be made outside the ICON Network, everyone can express their desires through an open 'Progressive Suggestion', which allows all participants of the ICON Network to pursue their self-interest. In the case of decisions that have a material impact on the ICON Network, each representative can make decisions by introducing a special resolution on a separate channel among the representatives.

A progressive suggestion with sufficient support from the ICON Network will be reviewed and developed autonomously by developers who are willing to contribute to the ICON Network. The representatives vote on the resolution, and determine when to apply the contents of the progressive suggestion. Otherwise, each representative may review a suggestion as needed, or introduce a resolution according to a progressive suggestion by itself. Each representative then performs a vote on the resolution among the representatives, while developers review the implementation of technology. Through these procedures, the ICON Network allows developers, representatives and all ICONists to create and modify ecosystem rules in a decentralized manner.

⁴'On-chain governance' refers to a decision-making structure that is changed and processed within a blockchain system.

⁵'Off-chain governance' refers to a decision-making structure that is discussed and performed outside the blockchain system.

3.5.2. The Decision-Making Procedure

1) Governance Channel

This channel is used for discussions regarding the overall ICON Network ecosystem, including the ICON Network operations, governance structure, and monetary policy. It is organized in the form of a public forum and, although these decision-making processes take place outside of the ICON Network, the issues discussed within the forum provide important ideas for improving the ICON Network. All ICONists can easily suggest ‘progressive suggestion’, recommend such suggestions, and interact with one another through a familiar interface seen in many public forums. On this channel, a progressive suggestion can be posted freely by all ICONists.

2) Representative Channel

This channel is used by C-Reps and P-Reps to make official decisions regarding resolutions. Representatives can introduce resolutions discussed outside the ICON Network or submit resolutions by reviewing ‘progressive suggestion’ submitted in the Governance Channel. The resolutions can be divided into a general resolution or a special resolution depending on the case, and a vote per each resolution is made. This channel allows only representatives to post and vote on the resolution, but all activities within the channel are fully public and therefore anyone can view the resolution.

3) Developer Channel

This channel is used for discussing the development of open-source projects related to the ICON Network, potential technical solutions, and sharing technical documentation used to support the ICON Network. It is a channel dedicated to the developer community and it contains public source code repositories.

This channel allows developers to discuss technical aspects of ‘proposals for improvement’ in the Governance Channel, new proposals submitted by the developer community, and resolutions on the Representative Channel. Some of the content discussed in this channel may be submitted in the form of ICON Improvement Proposals (IIPs). The Developer Channel is an off-chain governance tool that exist outside the ICON Network.

3.5.3. Progressive Suggestion

A progressive suggestion in the ICON Network is a form of expressing opinions that all ICONists, such as developers, investors, C-Reps, P-Reps and application users can freely submit. A progressive suggestion is submitted outside the ICON Network, but still has a significant impact on the ICON Network. It inherits the spirit of open source communities. A progressive suggestion shall be presented in a form of a forum post and shall be discussed autonomously in an open channel. The contents of the suggestion can be discussed technically in the developer's network and can also be discussed and introduced in the form of a resolution by representatives.

3.5.4. Resolution

A resolution is a key device that enables the ICON Network to be operated by a proof of delegated contribution system through demonstrated contribution. Representatives who have been delegated contribution must operate the ICON Network autonomously without any central control, and have therefore been given a tool to collect opinions of multiple representatives for decentralized decision-making in an effective manner. By transparently disclosing decisions and voting in real time, each representative proposes a resolution in the decision-making channels between representatives, ensures the objectivity in decision-making, and creates an environment in which sound criticism could arise.

Each representative can create or change the rules of the ecosystem through submitting resolutions. Resolutions include proposals for either policy or technological improvements. Representatives shall take into account the environment of the entire ecosystem when introducing the resolution. For example, representatives could formulate a monetary policy to maintain ICX stability through resolutions, which necessitate careful judgment, as they can have an immediate impact on the economy of the network. For this reason, each representative should consider the long-term health of the ICON Network when voting on resolutions.

1) The Type of Resolution

The resolution can be divided into general resolutions and a special resolutions, depending on the degree of quorum required. In the case of a general resolution, consensus is achieved by the majority of the total contributions to the ballot. In addition, important issues such as amendments to the Constitution, modifications of fee and the removal of representatives are to be proposed under a special resolution, which is passed with two-thirds consensus. The stability of the ICON Network is the most important requirement for the successful operation of the ICON Network. Thus, the ICON Governance is designed to be unable to suppress minority.

2) The Proposal Introduction Procedure

A resolution is submitted in the form of a voting post on the Representative Channel and must be categorized either as a general resolution or a special resolution depending on the nature of the case. Representatives will voluntarily discuss such resolutions and then vote in proportion to the delegated contribution.

3) Vote on the Resolutions

Each representative has the right to vote, which is based on each representative's own contribution as well as delegated contribution. In order for a general resolution to be adopted, it must be passed by a majority of the aggregate amount of contribution that participated in the vote. A special resolution shall be adopted by a vote approved by at least two-thirds of the aggregate contribution that participated in the vote. Further, a special resolution must have a quorum which shall be one-third of the aggregate contribution either owned or delegated to all representatives.

4) Implementation of the Adopted Resolutions

All ICONists, including the representatives, shall carry out and abide by the approved resolutions in good faith. Under the duty of implementation, all ICONists are obliged to carry out and abide by the resolutions passed by the representatives. If the representatives and the ICONists fail to do so, there is no way to force implementation directly upon the resolutions unless the results of decision-making are immediately reflected in the ICON Network's contract. However, representatives may vote on a particular disciplinary action to an ICONist for violating constitutional obligations and may subject such ICONist to disciplinary actions. Similarly, if a representative contravenes or refuses to comply with the resolutions under this Constitution it can be subject to a disciplinary action. Depending on the severity, the representative may even be removed.

3.6. Effective Date and Amendment of Constitution

This Constitution shall take effect on the date of its promulgation. All ICONists shall endeavor to ensure that the enacted governance in the Constitution can be implemented as soon as possible.

The ICON Constitution acts as a guiding principle for ICONists and exists as an operating principle of the ICON Network, and these principles shall not be easily changed.