

CURIA: Curated Onchain Legal Services

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Abstract

Curia is a proposed onchain protocol for selecting qualified custodians and dispute resolution services to help secure tokenized assets. It anticipates and provides an account-abstraction convenience to install supervision over transactions more directly than other alternatives. In this manner, Curia does not seek to interrupt the base layer or promote a private approach to legal finality on the blockchain. Curia instead represents an opt-in and free market system for more legal inputs to primarily code-based systems.

1 Introduction

A benefit to blockchain-based agreements, and by their extension, organizations, is that you can set conditions firmly around custody. This means that not only can you own something on the internet in your own right and with others, but you can transform these things into superior property that are more predictable than their “offchain” counterparts. Agreements and their execution enshrined.

But alas, as any novel technology that promises grand results, these powers come with special risks. First and most primary for many blockchain users is the risk that they will simply make a mistake and lose their private key and therefore all their assets. This risk alone has persuaded many from even entertaining the idea of placing any sort of serious business or commercial logic onto blockchains. Second, is the risk that while you may keep good operational security, you might still fall victim to malicious apps that present distorted information or good old fashioned scams.

Because of the permanence of blockchain transactions, necessary for the key functioning of interoperable financial logic, a subjective layer has been necessary for some

time to help alleviate some of these concerns for ordinary transactions while still retaining the primal power of blockchains to guarantee their base layer settlement.

What is proposed now is a curated legal system that is fully transparent to end-users to assist with their blockchain custody concerns. This system, piloted for four years with the onchain development collectives, LexDAO, Raid Guild and MetaCartel, and securing more than 7 figures in digital assets with promising results (i.e., no interruption) is Curia.

Where we can use a combination of law and code to create sufficient incentives or, better yet, immutable rules for transactional relationships within this system, everyone should win, as consumer rights can now become a matter of preference – and migration becomes much simpler than moving between legal jurisdictions.

As the paper will discuss in more technical terms herein, while there is no implied “chargeback” or “dispute” function as a matter of right when using blockchains, smart contracts provide the ability for these kinds of legal programs to run where users allow their assets to be governed by them (see Curia for Smart Accounts). This provides actual user choice and ensures the public benefits of legal systems – finality and security – can be extended more fully to an open market of competition.

2 Curia Deployment

Curia is initially deployed as an onchain smart contract account at the following create2 address: `0x00000000000001d8a2e7bf6bc369525A2654aa298`.

The selection of an upgradeable minimal proxy smart contract is made for the reasons of allowing the initial panel of arbitration specialists to govern their own operating structure as a living document and add different kinds of onchain rules or programs over time.

The immutable bytecode of Curia onchain is: `0x363d3d373d3d363d7f360894a13ba1a3210667c828492db98dca3e2076cc3735a920a3ca505d382bbc545af43d6000803e6038573d6000fd5b3d6000f3%`

3 Curia for Smart Accounts

The initial benefit of having a reputable onchain arbitration market is that it is also a convenient source of account custodians. Unlike other service models, which do not offer transparent pricing or disclosure, all agreements to engage Curia for custody or

account resolution will be handled by smart contracts supplemented by code-deferring legal agreements.

The pilot of Curia for this use case will be by the means of an account recovery singleton smart contract at the following create2 address:

```
0x00000000000000018b65F0C38f21323403D4fb9B852
```

4 Curia for DAOs

Where DAOs find themselves in difficulty in judging issues of legitimacy of proposals or in requesting more deliberate interventions, such as to provide onchain arbitration, the Curia account can be messaged onchain or otherwise to provide these solutions.

For example, in the case of our collaboration with Raid Guild, a panel has served to backstop onchain escrows and invoices and help recover lost and disputes sums. We believe even the mere presence of this backstop has encouraged and helped grow these services and establish more confidence for clients to use crypto for service payments.

5 Curia for Companies

Curia in relation to the KALI project for onchain tokenization of companies, is launching a mediation and arbitration service to resolve and provide security for on-chain companies, like Wrappr multisigs. All Wrappr LLCs and associations, for example, include the following language which can allow for more seamless engagement with Curia:

Disputes related to this Agreement shall be first submitted to mediation. The terms and procedure for mediation shall be arranged by the parties to the dispute.

If good-faith mediation of a dispute proves impossible or if an agreed-upon mediation outcome cannot be obtained by the parties, the dispute may be submitted to arbitration in accordance with the UKJT Digital Dispute Resolution Rules. All parties shall initially share the cost of arbitration, but the prevailing party or parties may be awarded attorney fees, costs, and other expenses of arbitration.

All arbitration decisions shall be final, binding, and conclusive on all the parties to arbitration, and legal judgment may be entered based upon such

decision in accordance with applicable law in any court having jurisdiction to do so.

A suggestion is to also include the onchain name for Curia, `lexcuria.eth` or `recovery.nani.eth`.

6 Curia Governance

Curia will initially be governed by the account guardians selected by KALI Co. It will expand its membership through the distribution of tokens to partners and DAOs that fulfill important legal functions, such as LexDAO and LexPunk.