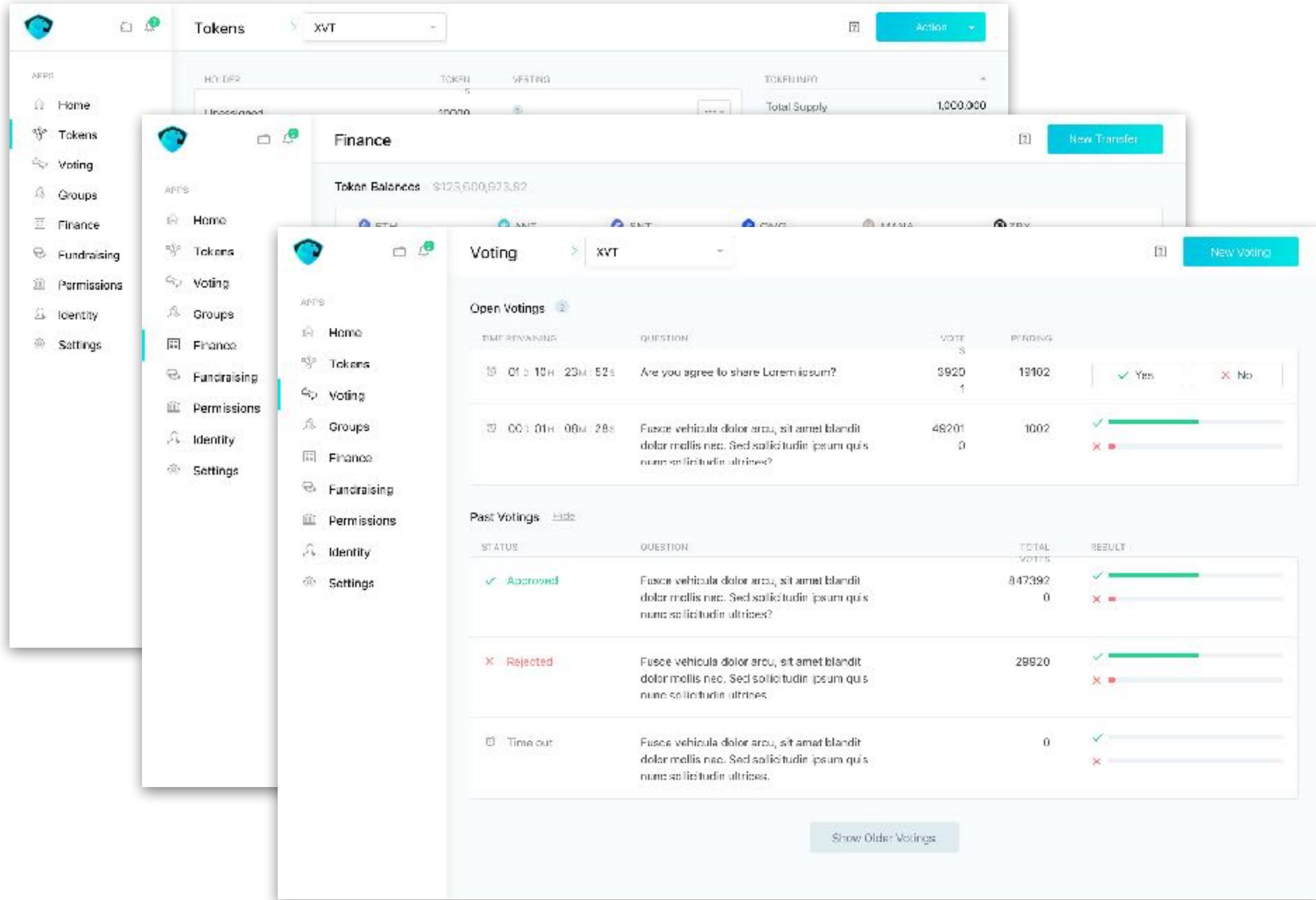




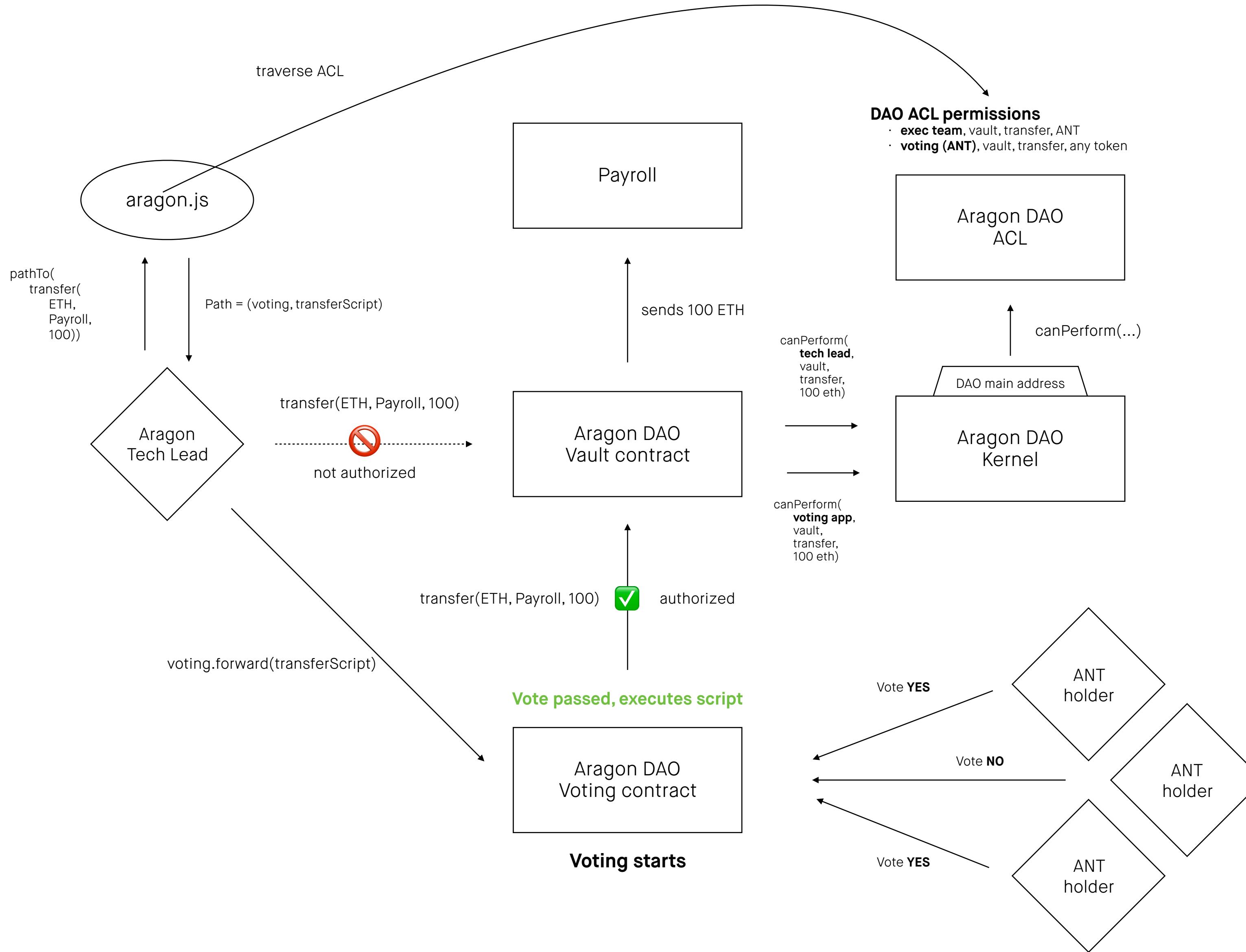
Building an Aragon App



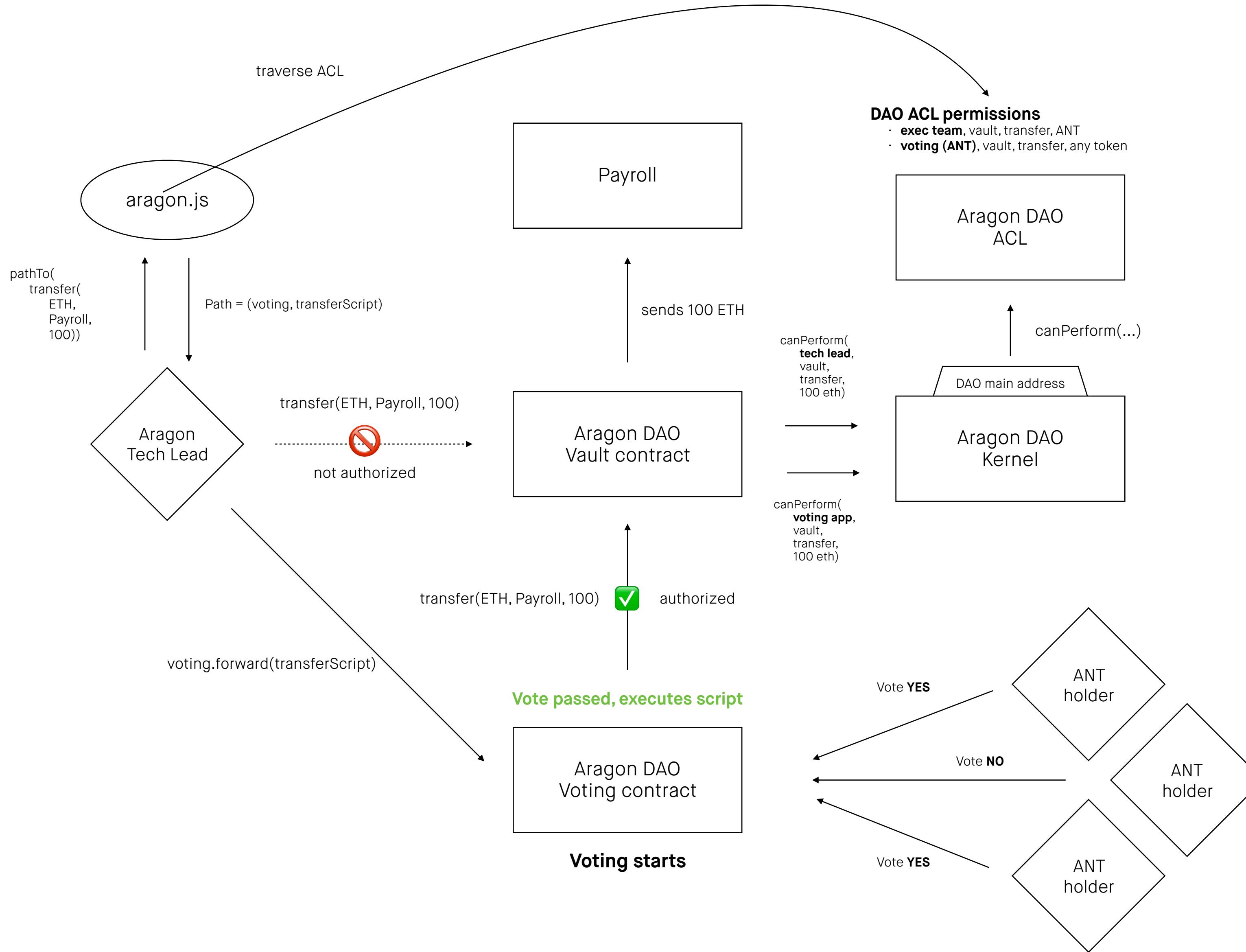
An Aragon App uses standard interfaces to support governance and upgradeability

Governance as an interface: Defines how entities can perform actions

```
interface IACL {  
    function hasPermission(address who, address where, bytes32 what, bytes how) public view returns (bool);  
}
```



Aragon Tech Lead wants to transfer 100 ETH to Payroll contract



Aragon Tech Lead wants to transfer 100 ETH to Payroll contract



APPS

[Home](#)[Token Manager](#)[Voting](#)[Finance](#)[Permissions](#)

SOON

[Apps](#)

SOON

[Settings](#)

Token Balances

BCC	ETH	ZRX	DNT	ANT	MANA	SPANK	SNT	MKR
26	3.14	453	137	0	0	0	0	0
\$340,358.69	\$1,823.28	\$584.37	\$8.87	\$0	\$0	\$0	\$0	\$0

Transfers

TOKEN:

All

TRANSFER TYPE:

All

DATE	SOURCE / RECIPIENT	REFERENCE	AMOUNT	
13/04/18	0x61D463f2613F04053bc875C72aA9dA22348Da2b5	Food aid	-753 BCC	...
13/04/18	0x39a4D265db942361D92e2B0039cae73Ea72a2ff9	Requested airdrop (test tokens)	+453 ZRX	...
13/04/18	0x772080b0D48De808dbE0F4050083B0f9205F6D29	Ether transfer to Finance app	+3.14152 ETH	...
13/04/18	0x39a4D265db942361D92e2B0039cae73Ea72a2ff9	Requested airdrop (test tokens)	+137 DNT	...
13/04/18	0x39a4D265db942361D92e2B0039cae73Ea72a2ff9	Requested airdrop (test tokens)	+779 BCC	...

Wrapper

Sandboxed app

The screenshot shows a web-based application interface for managing votes. On the left, a sidebar titled "APPS" lists several options: Home, Token Manager, Voting (which is selected and highlighted in blue), Finance, Permissions, Apps, and Settings. The main content area is titled "Vote". It displays two sections: "Opened Votes" and "Closed Votes".

Opened Votes: There is one entry shown, with the following details:

TIME REMAINING	QUESTION	TOTAL VOTES	PROGRESS	ACTIONS
00d 23h 58m 14s	Should we fund disaster relief for victims of hurricane Irma?	33.33%	<div style="width: 33.33%;">✓ ✗</div>	<button>View Vote</button>

Closed Votes: There are four entries, all of which are approved. The details for each are as follows:

STATUS	QUESTION	TOTAL VOTES	RESULT	ACTIONS
✓ Approved	Token Manager (ngo): Mint 1 tokens for 0xC43B0C4b6d227536238f071fBa7e624b2A632830	50%	<div style="width: 50%;">✓ ✗</div>	<button>View Vote</button>
✓ Approved	Should we help reimagine democracy in the United States of America?	50%	<div style="width: 50%;">✓ ✗</div>	<button>View Vote</button>
✓ Approved	Finance: Create a new payment of 753 BCC. It will be executed 1 times at intervals of 0 days	50%	<div style="width: 50%;">✓ ✗</div>	<button>View Vote</button>
✓ Approved	Token Manager (ngo): Mint 1 tokens for 0x15bdCb6651f5a5e9Cef0/b2a981dd270BA505051	100%	<div style="width: 100%;">✓ ✗</div>	<button>View Vote</button>

iframe



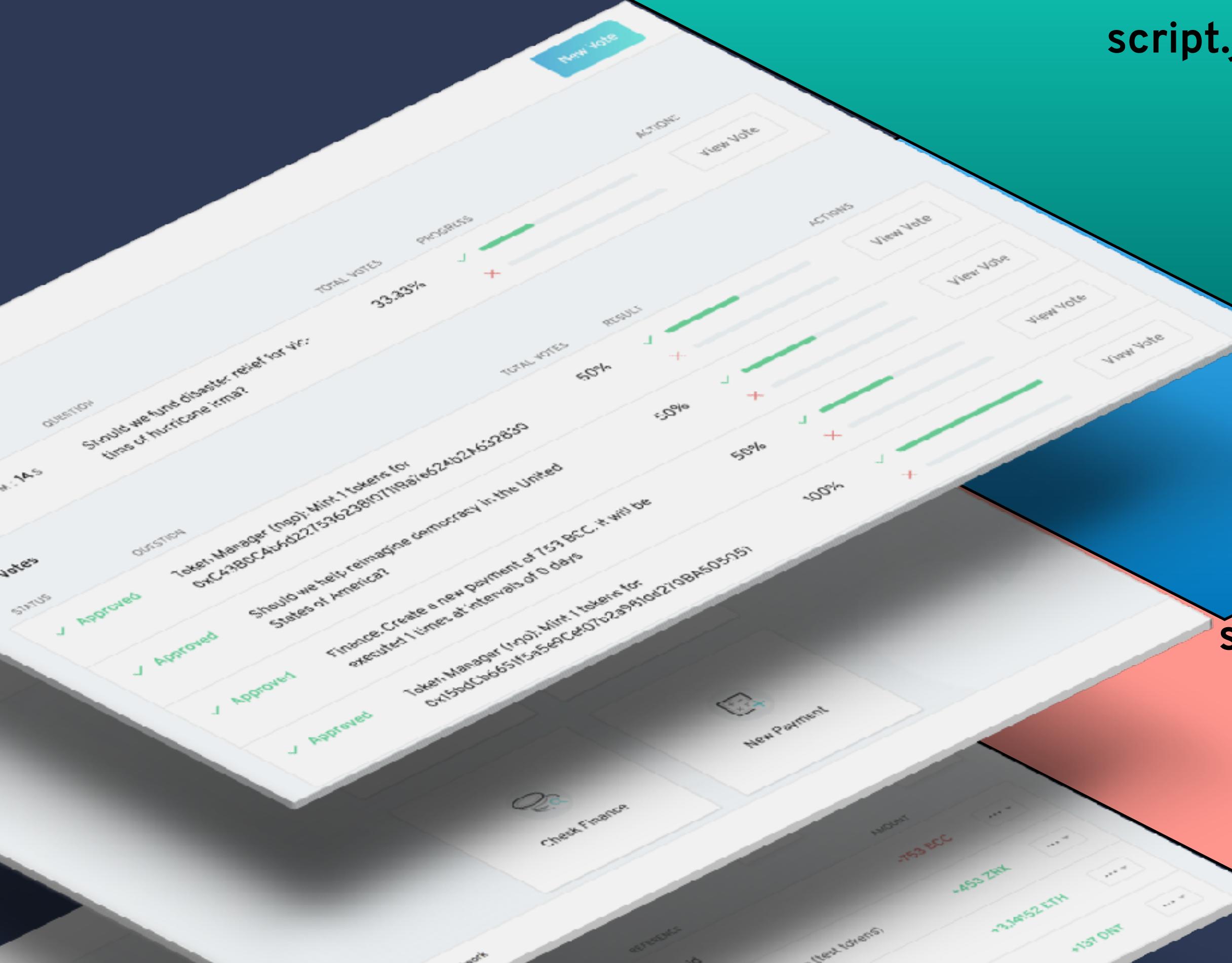
webworker



webworker



EVM



script.js

contract.sol

script.js

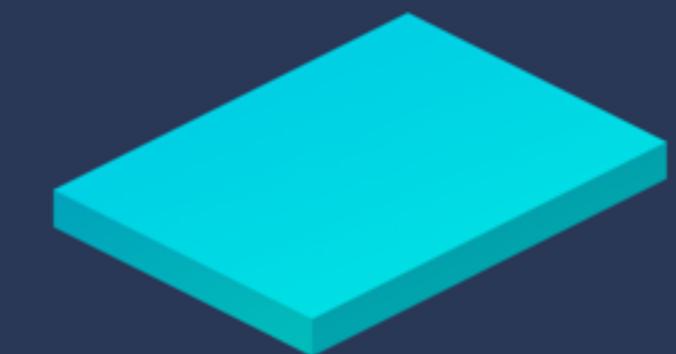
contract.sol

script.js

DOM



Client UI



App UI

JS

UI Framework

UI Framework

Script

ragon.js server

ragon.js client

ragon.js client



Cache



Msg handler



Web3



Messenger



Messenger



Messenger

EVM

Kernel



ACL



EVM Scripts



App 1



App 2



App 3

Let's make that simpler
with a quick demo

Going to #Buidl at ETHBuenosAires?

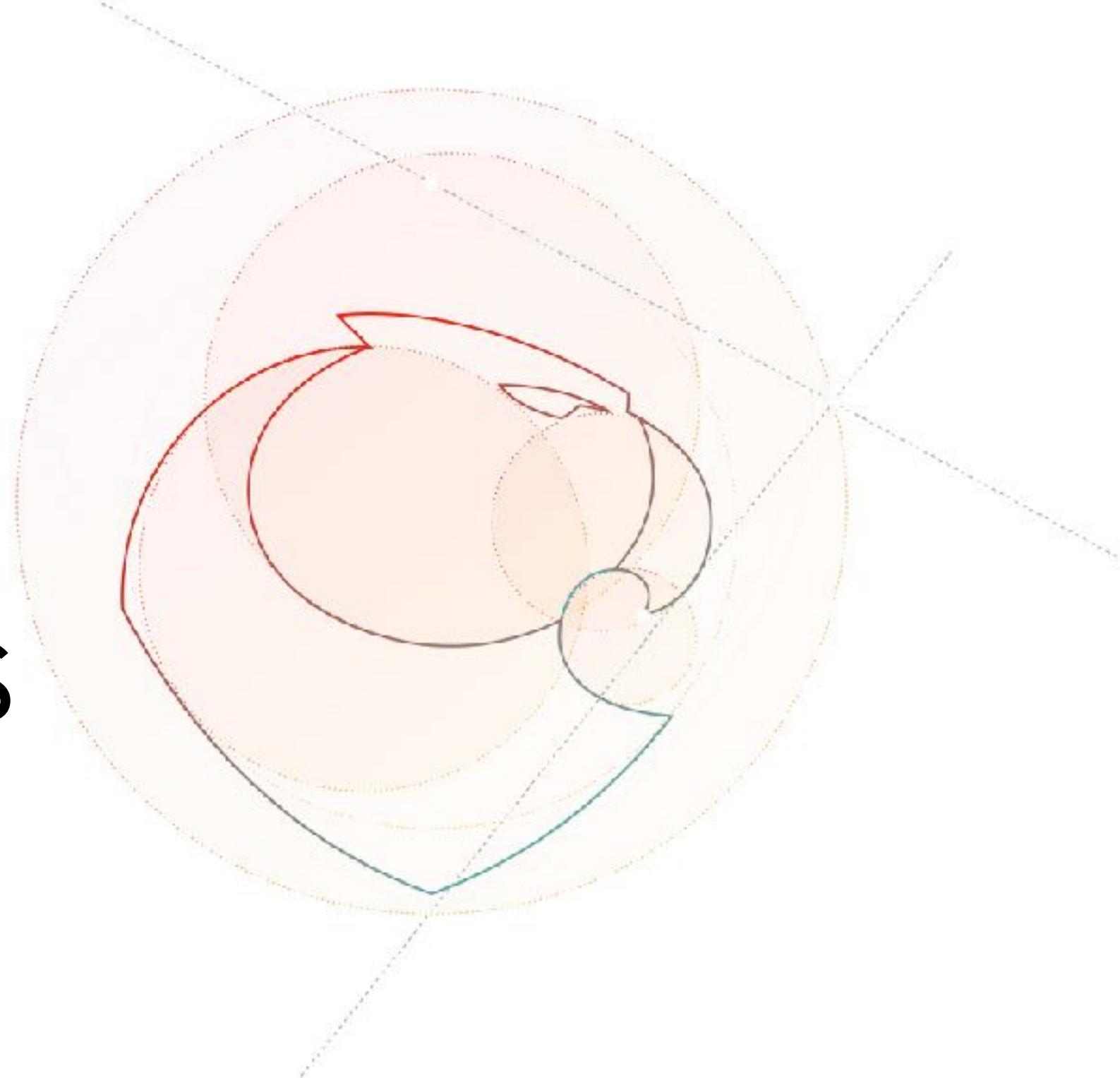
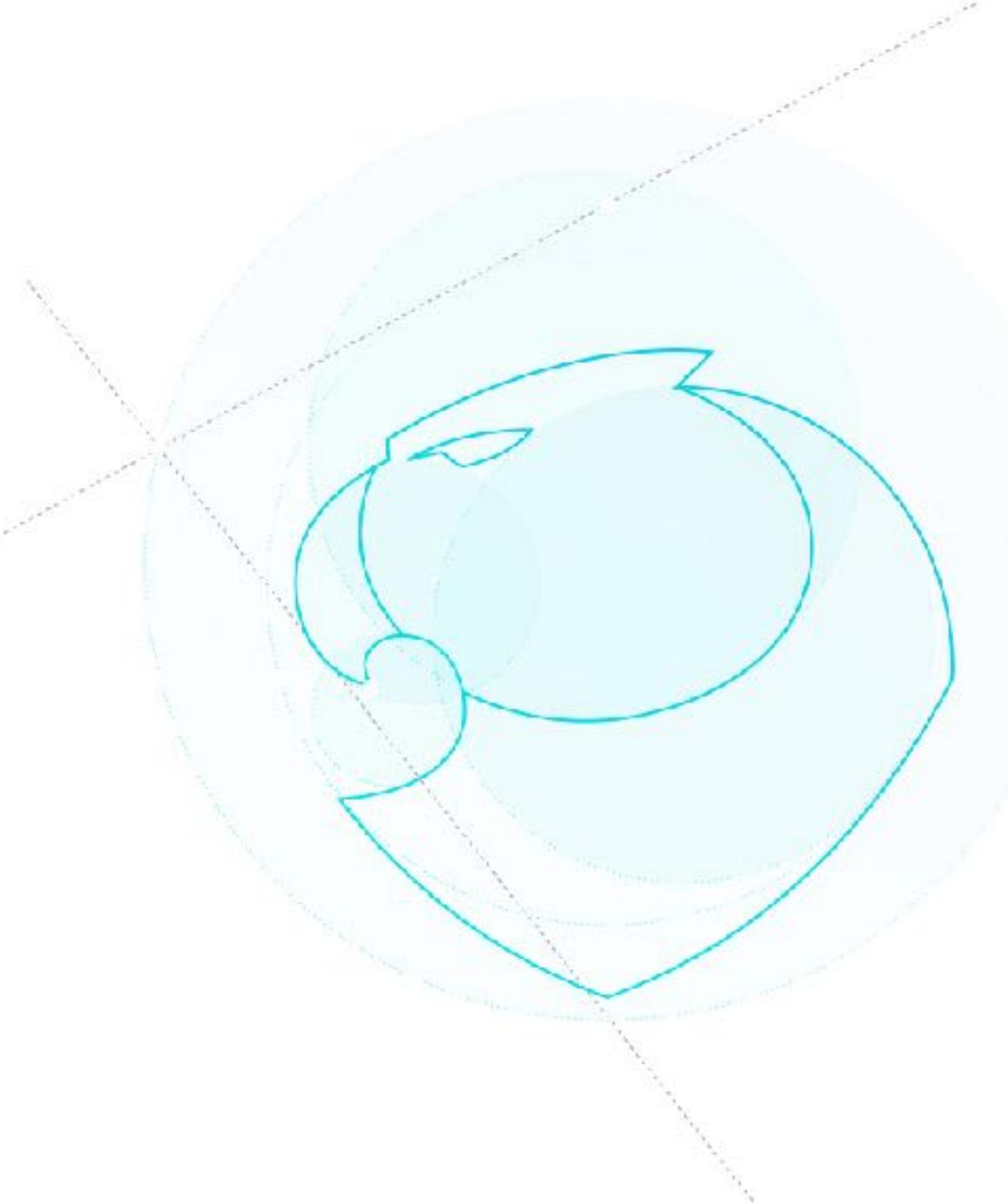


Come join the  Aragon Team for drinks 

Monday May 28th 3:00pm-6:30pm

Strange Brewing, Delgado 658, C1426BDH CABA

Special Surprise



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