1. What not
2. What
3. Who
4. Why
5. How
1. WHAT NOT
What not

- A startup
- A spanish startup
- A company
- An ICO
- A blockchain
What this presentation is not

- What is a blockchain?
- What is a smart contract?
- Blockchain is better than Bitcoin
- Blockchain is the future of x
- When Binance? When news?
2. WHAT
Aragon is an open source project building the Aragon Network
The Aragon Network is an opt-in, non-violent, free to join, 
digital jurisdiction, that allows sovereign individuals, organization or 
protocols to create value without intermediaries
3. WHO
Aragon One team

aragon.one/about
Hiring

- React, UI Engineers (fulltime + contractors)

wiki.aragon.one/jobs
Community

- 8,000 members @ aragon.chat
- 20,000 token hodlers
- 60,000 twitter followers
Decentralizing Aragon’s development
Splitting the Foundation from the core devs, and kickstarting funding for other teams to work on Aragon
4. WHY
ETHER VALUE HIT ALL-TIME HIGH THIS WEEK
“Every injustice necessarily involves a moral truth that very few people recognize early on: in a democratic society, a wrongful practice persists only when most people don’t perceive it to be unjust.”

Peter Thiel, “Zero to One”
“What are people not allowed to talk about? What is forbidden or taboo?”
Democracy is a monopoly over legal use of violence, which by the nature of democratic voting, is used by majorities to censor or take advantage of minorities.
Democracy fails
Democracy fails
Democracy fails
The nation state is failing because democracy doesn't work in a mega-state context without empathy nor incentives.
Democracy is an awful way to run a country, but it's the best system we have.

— Winston Churchill —
Merkle trees

IT'S ALL ABOUT THE MERKLE TREE

devcon three
Ethereum Foundation Developers Conference
Nov 1-4, 2017 Cancún, Mexico
Yes, voting is better than Pol Pot’s genocidal regime, or Mao Zedong’s “Great Leap Forward”, which killed between 18 million and 45 million Chinese.

But this is a *low bar*. Are we content with a system whose major appeal is that it’s better than genocide?

Ralph Merkle, 2016, “DAOs, Democracy and Governance"
Democracy is an awful way to run a country, but it's the best system we have.

— Winston Churchill —
ethereum
We have the power to fix it.
We have the obligation to fix it
We have the urge to fix it.
5. HOW
DAOs
The world first DAO
The DAO

Look how much I have.

Can I hold it?

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DAO case study
aragonOS

Smart contract dev framework for any dApp or protocol.

2018's OpenZeppelin for production systems.

Upgradeability and governance out of the box
Introducing aragonOS 3.0 alpha, the new operating system for protocols and DApps

Smart contract codebase has been frozen, audit with WHG starts today and announcement for Aragon v0.5 release schedule
Aragon Core

Welcome!

What do you want to do?

- Transfer Tokens
- Assign Tokens
- Vote
- View Groups
- Check Finance
- New Payment

YOUR TOKENS

- XVT: 70% Voting Token 10,000,955 XVT
- LIS: 30% Voting Token 10,002 LIS
Aragon Core v0.5 stack

On-chain:
- Aragon DAO
  - DAO Templates
    - Aragon app sc
      - aragonOS
        - Ethereum
  - APM
    - ENS
  - aragonOS
    - Ethereum

Web worker:
- Aragon app bg
  - aragon.js client
    - aragon.js server
      - Radspec
  - aragon dev-cli
  - web3.js

Browser:
- Aragon app UI
  - Aragon client
  - aragon-ui
  - React
DAO Standards

- DAOStack
- Colony
- Harbour
- Zeppelin
Aragon UI

Aragon UI allows you to develop apps that look and feel like Aragon apps.
Aragon Package Manager

Web 3.0 package manager for arbitrary content:
- Smart contracts
- Websites
- Docker repos
- Git repos

with pluggable Aragon governance
Aragon Package Manager

Web 2.0 bridge:

aragonpm.com -> aragonpm.eth

testtest.rinkeby.aragonpm.com
Aragon Package Manager

- **APM DAO**
  - ACL app
  - DAO main address

- **APM DAO Kernel**
  - acl()
  - kernel()

- **APMRegistry app**
  - aragonpm.eth
  - createName('voting')
    - voting.aragonpm.eth pointed to repo

- **Repo app**
  - vault.aragonpm.eth
  - voting.aragonpm.eth
  - pointed to repo

- **ENSSubdomain Registrar**
  - manages aragonpm.eth

- **Dev**
  - Create 'voting' repo
  - Create voting.aragonpm.eth2

*kernel() relationship means app uses the Kernel for access control and upgradability.*
Aragon Labs
Aragon Nest

- P2P Project Management application and data storage with Dat
- AragonOS-compatible encrypted datastore
- Aragon Nest Proposal: Secret voting infrastructure using Ring/Threshold signatures
- Aragon Nest Proposal: Verifiable Off-chain Tabulation of Carbon-vote signaling
- Aragon Nest Proposal: Open source incentivization app for Aragon
- Aragon Nest Proposal: OS-level signing provider
5.1 HOW, WIP
Aragon Network
Aragon Network

Digital jurisdiction DAO

- True limited liability
- Conflict arbitration
- Replacing the Foundation as sovereign entity
- Funds teams and services providers to the network
- Subnetworks or nested jurisdictions
Thanks for your time

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Feb 28th 2018
Google Crypto Meetup