DAO Tools

I want to remind that the goal of this presentation is to suggest a possible workflow to deploy DAO Brussels On Chain

OpenZeppelin | contracts

Tally

1 Go on Wizard Open Zeppelin and choose **Governor Contract**

We should vote collectively on each parameter. This could engage all the community and build together !

2 Deploy the code from **Remix IDE**

Note : The code of Governor contract is **too big** ! If this solution is chosen we will need to remove some functionalities.
Problem --> EIP-170

3 Deploy the DAO on Tally.xyz

Pros & Cons

High level of configuration !

No need to build an interface !

Respect the **most used standard** in the industry

Possible to deploy on **every EVM Chains**

Need to **modify code** or deploy in another way than with remix

Can be **scary** for **new entrants**

Is it enough ?

ARAGON

Build your DAO

Choices are enough for us !

Links, bio and other should be **validated by the community** live !

Define membership

Community voting parameters

Deploy your DAO

https://app.aragon.org/#/daos/mumbai/0x03bfb816f5abc99819c79f6eecf7da74fdde39f69a73/dashboard

Pros & Cons

Create, configure and use it **easily** ! Polygon is **available**

On-chain

Not precise configuration !

UI Bugs !

Only **2 ways** of governance

Is it enough ?

ARAGON

1 Go on aragon.org and choose "🚀 Launch your DAO"

Launch your DAO

2 Follow the 4 steps with **voting each parameters**

3 Create **the Board**

Send **tokens to the board members**

https://xdai.colony.io/colony/gfcolony

COLONY

Required

⚠️ **xDAI required !**

1 Create **the user**

2 Create the **colony & token** (*if required*)

3 Add member through **action**

For the demo purpose I chose this one

4

Confirmation

On-chain Transactions

Signature requests

Dashboard and options

Extensions

What would you like to do?

Create Expenditure

Manage Funds

Manage Teams

Manage Reputation

Advanced

Example permissions for an extension

Permissions the extension needs in the colony

Actions

Identify our needs for actions !

Manage teams

Create Expenditure

Manage Reputation

Manage Funds

Advanced

Add action

Withdraw assets

Smart contract composer

No smart contract added

Connect smart contract

Connect smart contract

Contract address

Validate contract address

Pros & Cons

Very good UI

Easy to use

Gnosis chain only !

xDAI required

Is it enough ?

COLONY

1 Create the **user**

2 Create the **colony & token** (*if required*)

3 Add member through **action**

hats

https://app.hatsprotocol.xyz/trees/5/3637hatId=363

The Ultimate Coordination Tool for Decentralized Work

Give revocable roles to your people and code, save time, and get things done

1 Create individual **Hats** for specific roles & authorities

2 Create a **Hats tree** to structure your organisation

Organisational tool very complete !
Take time to study it

Remark : *Maybe it could be in a second time.*

HAT Creation

1 Create a **New tree**

HAT Management

2 Manage HAT created

Edit Tree

Create Hat 363.1

Pros & Cons

It allows **precise hierarchical tree**

It's a very powerful **organisational tool**

The structure is not a **proper DAO.**

Votes and proposals are **not very clear**

Is it want we want ?

hats

1 Create a **new Tree**

2 **Give rights** to the new HAT

3 **Create Roles** and associate **users**

thirdweb

Tally

Vote Create and vote on proposals

Token Create cryptocurrency compliant with ERC20 standard

https://thirdweb.com/thirdweb.eth/VoteERC20

1 Go on thirdweb.com and choose **Token (ERC20)**

2 Mint tokens in order to allow people to vote

Roughly **ALL CHAINS** are available !

3 Go on thirweb.com and find **Vote**

Mainly 4 options to choose !

4 Add data on Tally.xyz

Requirements

--> Governor contract address
--> ERC20/ERC721 Token address

I like thirdweb for their broad options offered

Getting Started

Pros & Cons

All EVM chains are available !

Code snippets available !!

Purpose their **own SDK**

Token-based DAO only

Not **precise configuration** with UI

Some issues with SDK

Is it what we want ?

1 Create token and deploy **Vote**

2 **Deploy** on Tally.xyz

3 Add **new Admin (the Board)**

Add new admin

GNOSIS CHAIN https://www.daosongnosis.com/

ASTRO powered by NEAR https://app.astrodao.com/all/feed

Explorer https://explorer.gitcoin.co/#/projects?q-3=DAO

ATH DAO https://twitter.com/AthensDAOx