



Castor.network 内容共创平台

The building blocks for better content powered by blockchain technology.

by Team A.T.Dot

Pain Points



1. Content Bottleneck: Quantity, Quality and Coordination
2. Content Creators are taken advantage of by centralized platforms:
Distributing and marketing channels are being controlled by large centralized businesses. Vast wealth generated by Web2 is not fairly distributed.
3. Lack of a value loop between original work creators and derivative work creators.

Solution

A blockchain that focuses on the co-creation of content and providing a win-win situation for participants through a value loop.

Increase Quantity: Reduce content censorship and provide more distributing channels maintained by topic-oriented collectives.

Increase Quality: Through content curation from communities

Increase Coordination: Incentivize creators to co-create, cite and build on previous work.

IP Protection: Provide the ability to find relationships between content



Product

Key Components:



Governance Entities (GE)
that curate content



Token Curated X (TCX)
which acts as a distributing and
marketing channels for content.



A **relationship graph of
creations** to provide
content traceability.



A **tokenomy** that
stimulates **creativity and
collaboration**

Governance Entity (GE)



A topic-oriented community that governs multiple TCXs.

How to join a GE?

By **investing** or **staking** platform tokens, you can become shareholders of a GE.

What do GE members do?

Curate Content. By coming to a shareholder of a GE, you gain management rights and a voice on deciding **what and how content gets included in its TCXs.**

What do GE members get?

Shareholders will receive **distributed profit** according to their shares in the GE

Examples:

- A group of beaver lovers
- Marvel Fans

Token Curated X (TCX)

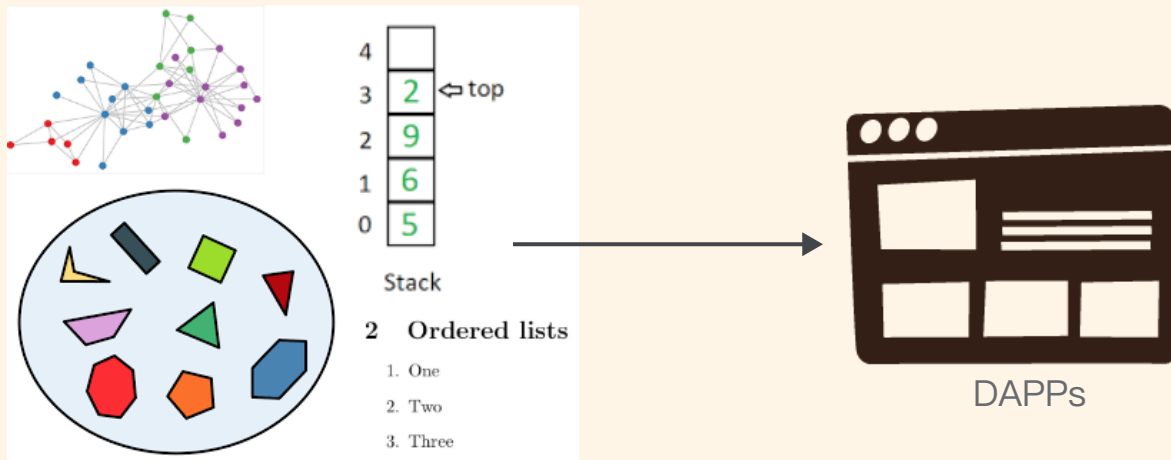


A data structure governed by a GE and used by dapps built by its community.

Each TCX has a customized **set of rules**, which acts as a **content filter**, defined by its GE.

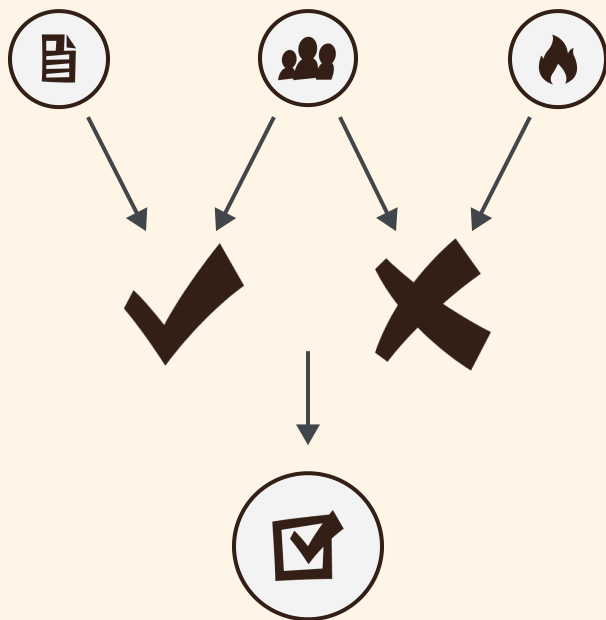
What is X?

X is a variable. It could be any data structure such as a Set, an Ordered List, Stack or a Graph.



Token Curated X: Voting Power

Content



Result: Yes or No

Investing (Type B shares) in a GE gives you more voting power than staking (Type A) (20 times)

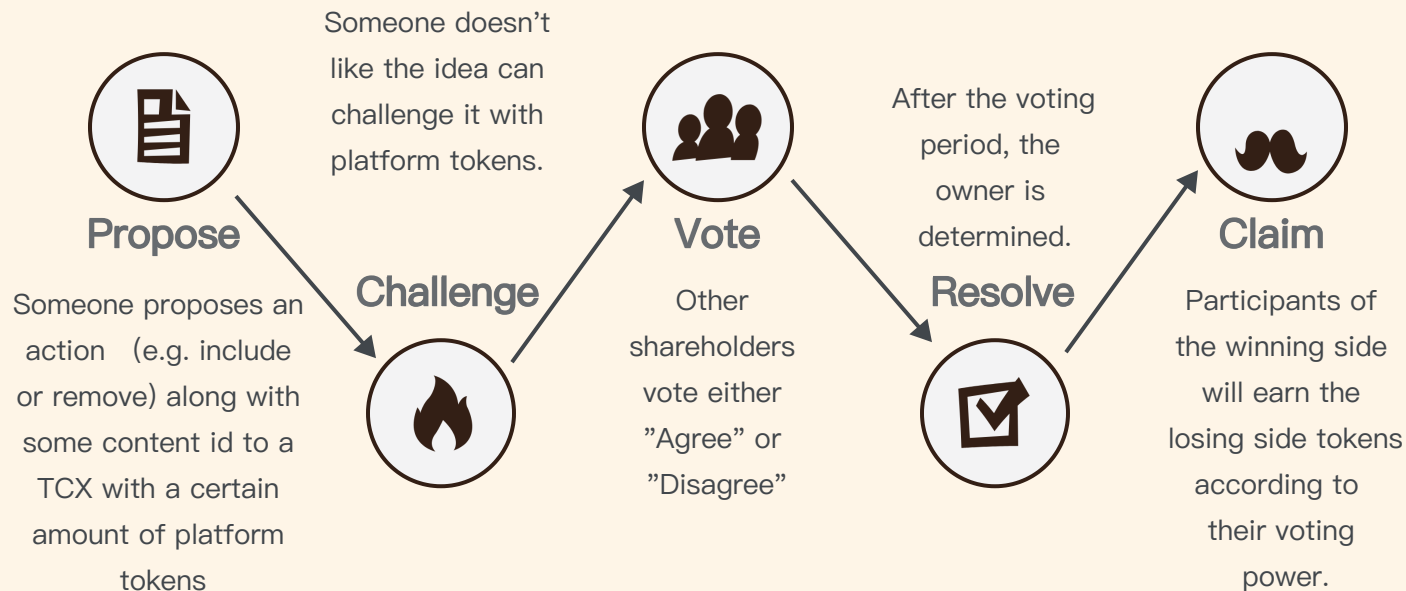
One's Voting Power =

$20 * \text{Min}(\text{TypeB shares}, \text{Amount}) + 1 * \text{Max}(0, \text{Amount} - \text{TypeB shares}, \text{TypeA shares})$

Winning side is the one with the higher accumulated voting power.

TCX Application Process

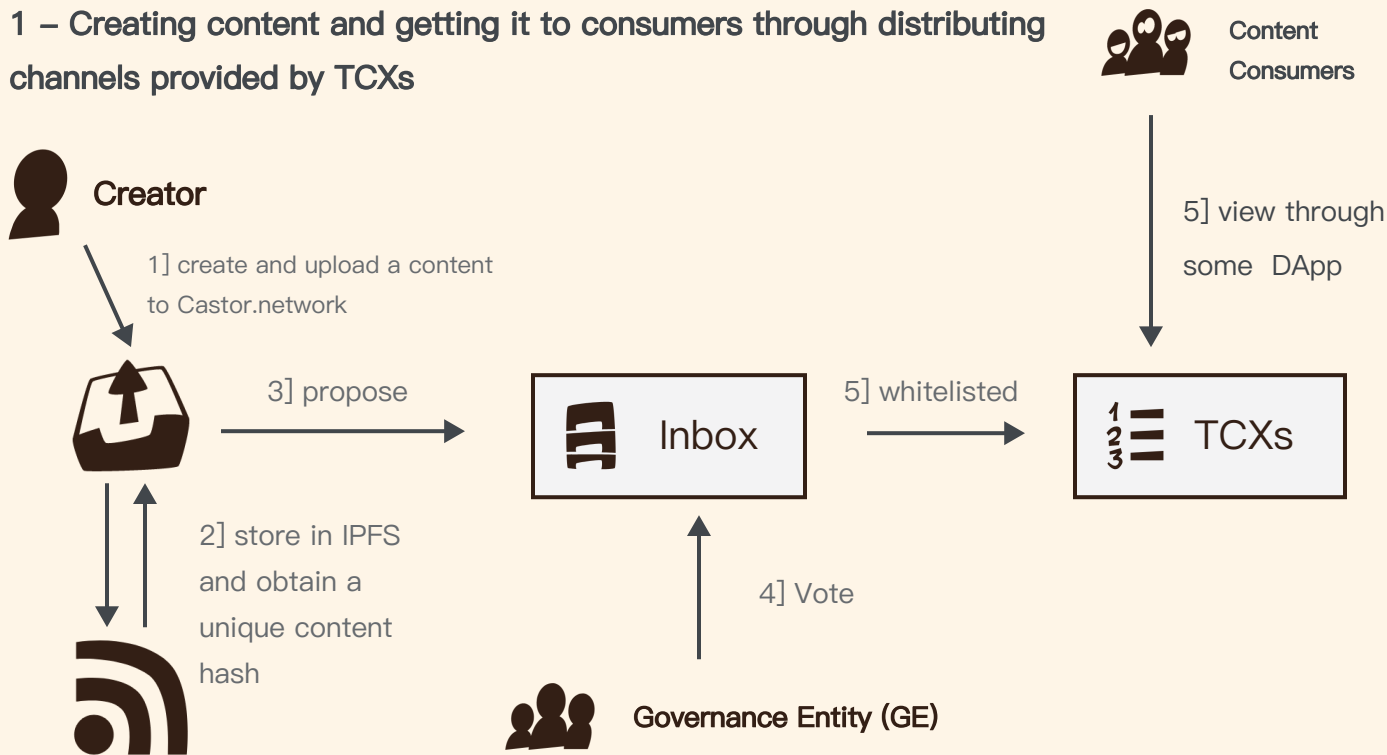
- — We mimic the voting process of Token Curated Registries (TCRs)
- — Key difference: Voting Power
- —



To be involved in the TCX application process, you must be a stakeholder of its GE.

Value Loop: How it all fit together

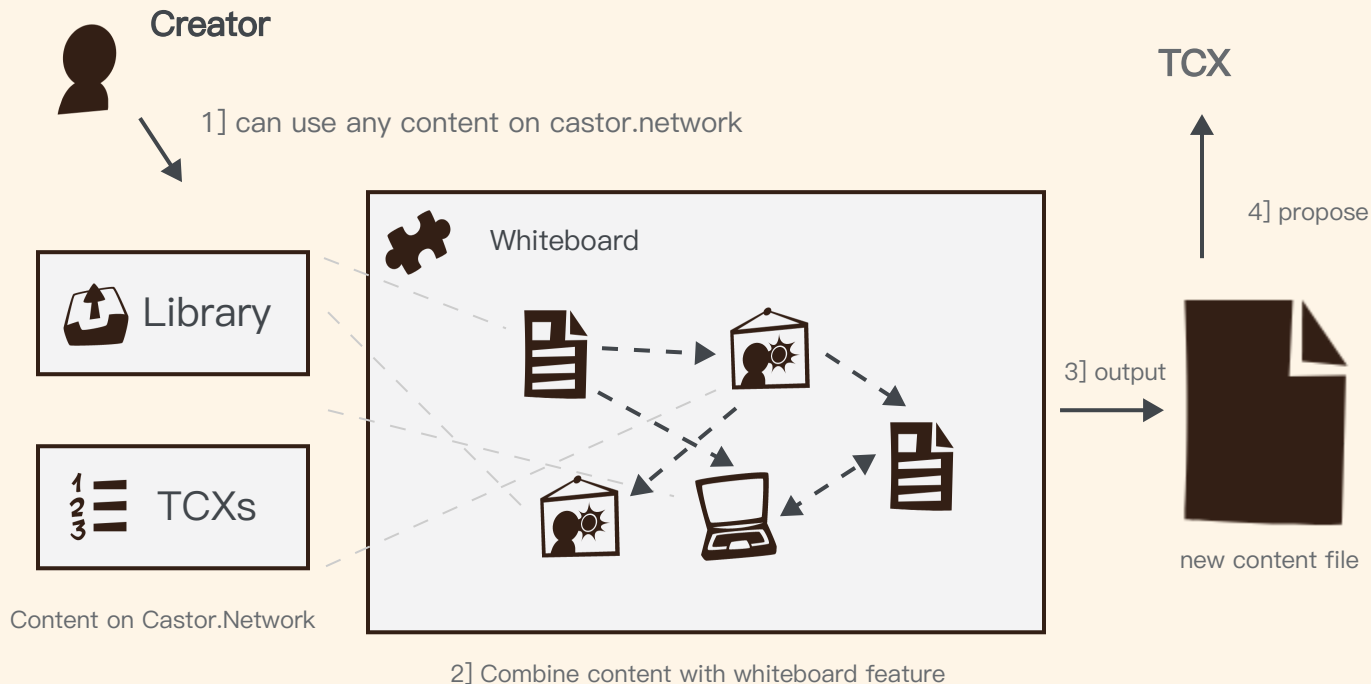
1 – Creating content and getting it to consumers through distributing channels provided by TCXs



only IPFS hash or small-size data can be stored on the blockchain

Value Loop: How it all fit together

2 – Creating derivative work and building a relationship graph of content with the Whiteboard feature



Token Economy



How do we encourage co-creativity?

CCT

Platform Currency

Non-transferable Assets

CE

Energy: Used instead of transaction fees

100 max of CE per account when active. if used, CE will be recovered at a certain rate(recover 1 CAE in 2 minutes) until it is filled.

CAP

Action Point: Measures the activeness of a user

if consume 20 CE, you may gain 1 CAP. The maxGainingCAP in 24h is according to your reserved balance(CCT).

CRP

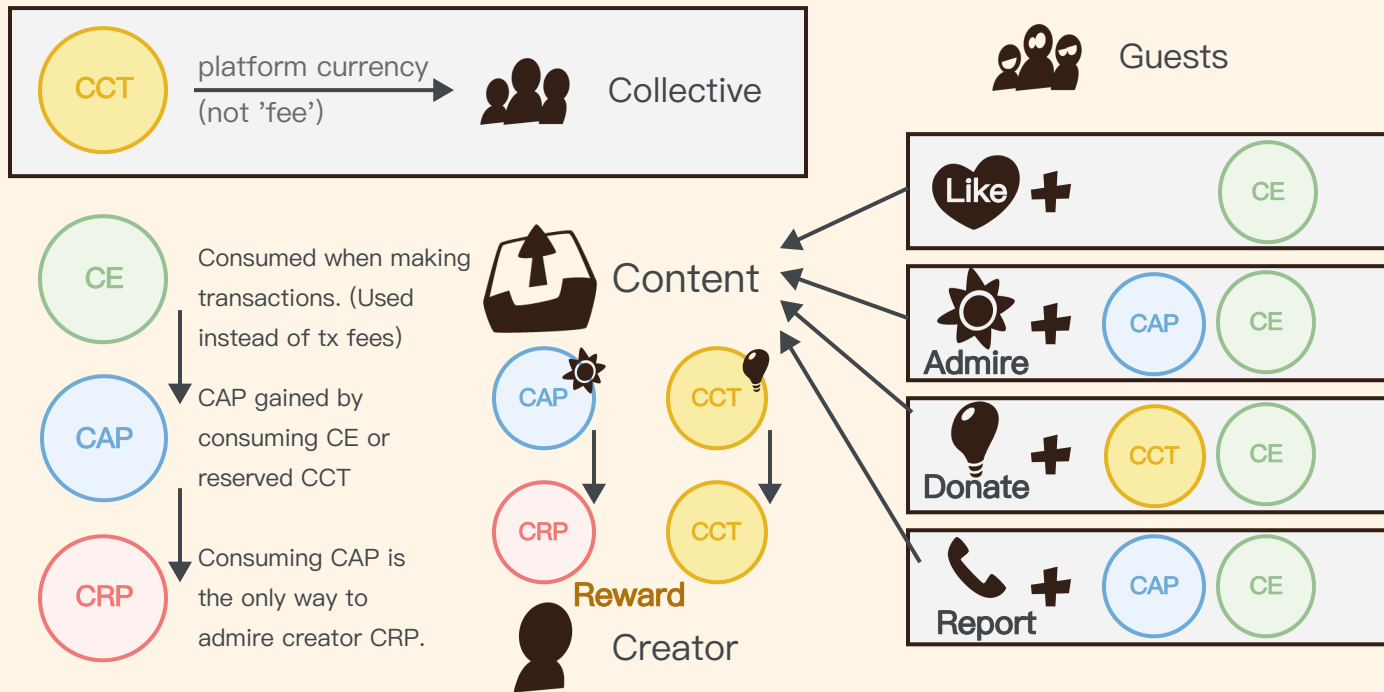
Reputation Point: Highly valued

1 CAP -> 1CRP. it can be converted only by some action. eg: 'admire' by guest.

Token Economy



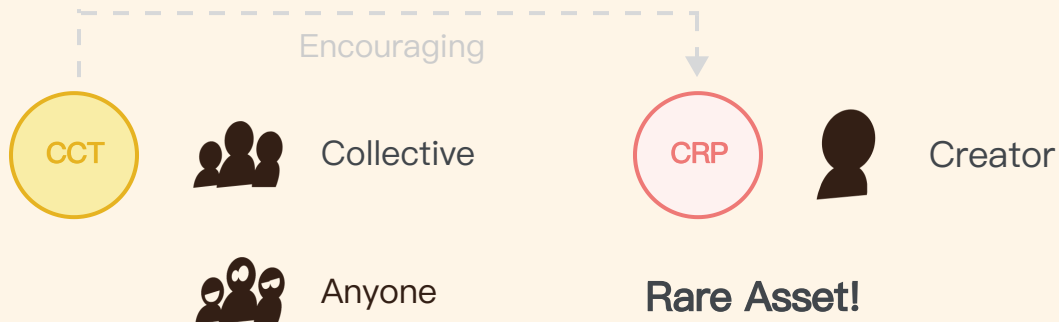
How do we encourage co-creativity?



Why non-transferable assets?



How do we encourage co-creativity?



Platform Currency!

Used only for
economic activities.

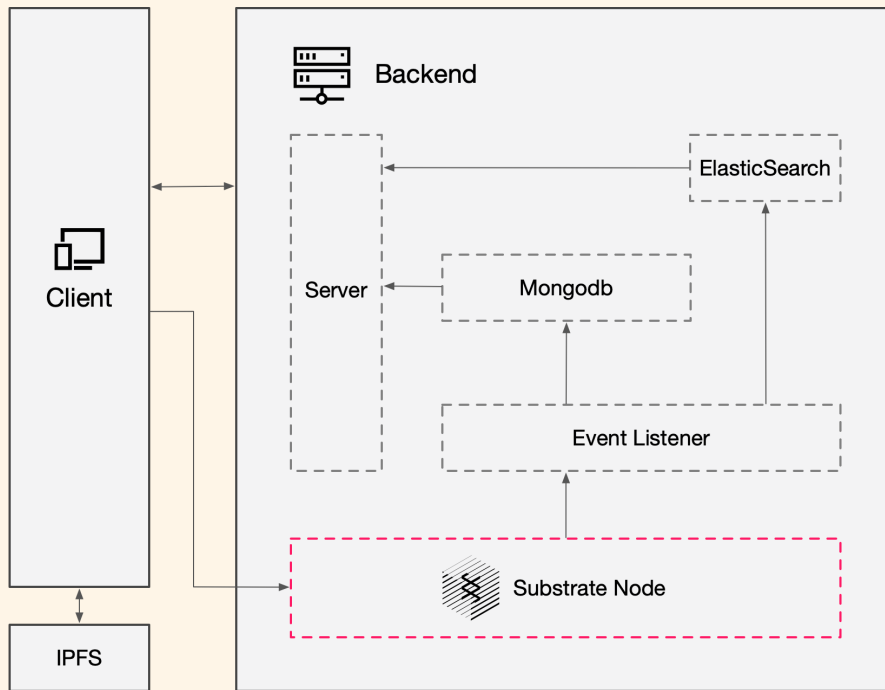
Rare Asset!

Reputation in life is
non-transferable.
Better creator wins
More CRPs.

What have we built?

After two weeks of part-time development, here's what we've accomplished:

- Substrate Chain
- Castor Event Listener
- Castor Server
- Client-side Interface



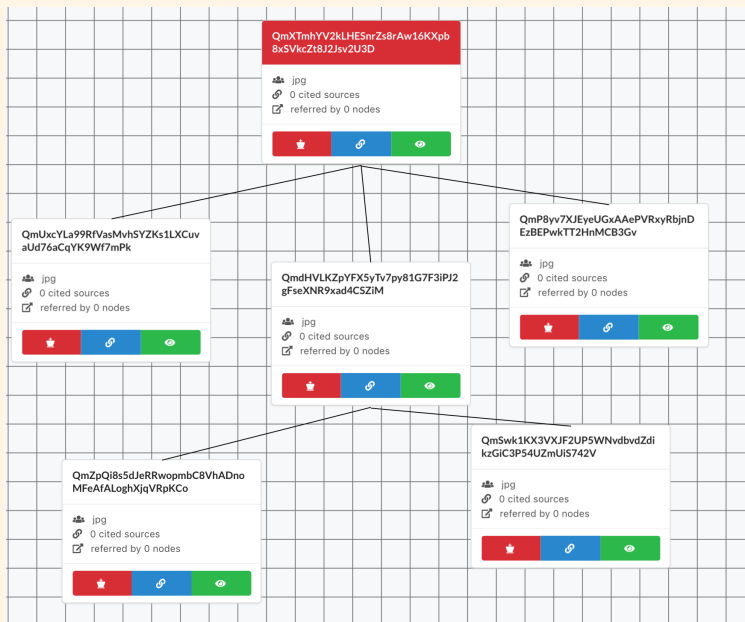


DEMO TIME

What can we do with castor.network?



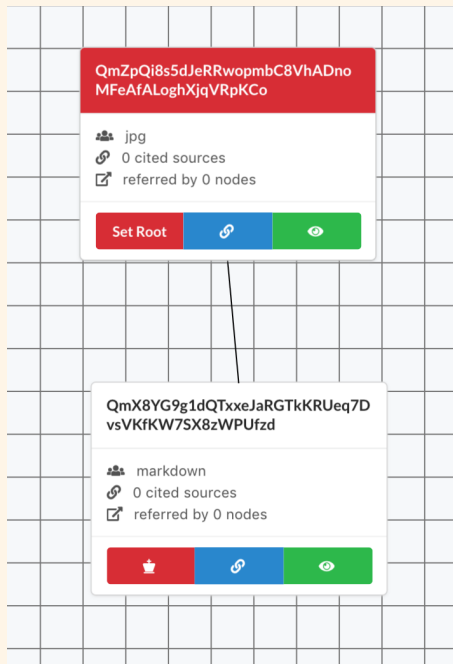
Whiteboard Usage 1: Building Game Characters for DApps



What can we do with castor.network?



Whiteboard Usage 2: Creating Articles



中国联通 4G 11:38 92%

PolkaWorld

Polkadot 创始人 Gavin Wood 博士

“信任”意味着我们需要先相信一个第三方，才能和世界进行交互；而“真相”却是运用原则、模型等来理性地分析世界。

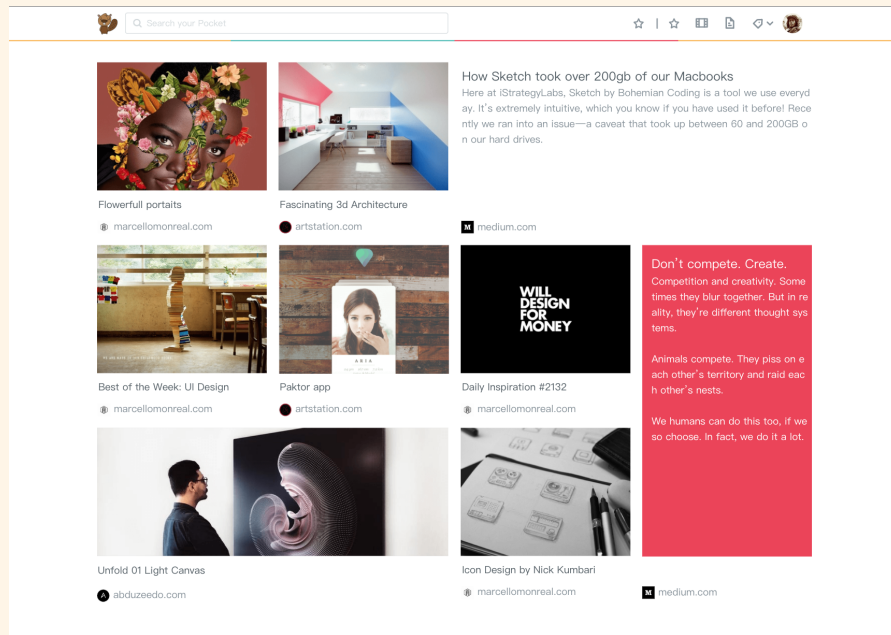
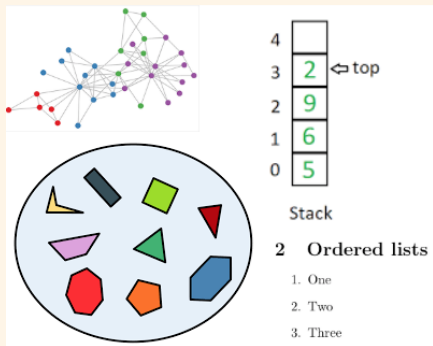
我们现在经常通过一些很表面的信息来判断某个人或某个机构是“值得信任的”，但这并不是事实。加密经济学可以帮助我们创建一个可信的系统，在没有信任的情况下就可以正常运转，这个系统本身，就可以给我们带来正确的结果。

随后，Gavin 介绍了 Polkadot 的三个产品 —— 平行链、平行线程和转接桥。

What can we do with castor.network?




GE and TCXs Usage 1: Building a dynamic decentralized website



What can we do with castor.network?



GE and TCXs Usage 2: Source of Truth (Decentralized Wiki)



WIKIPEDIA
The Free Encyclopedia

Main page
Contents
Featured content
Current events
Random article
Donate to Wikipedia
Wikipedia store

Interaction

Help
About Wikipedia
Community portal
Recent changes
Contact page

Tools

What links here
Related changes
Upload file
Special pages
Permanent link
Page information
Wikidata item

In other projects

Wikimedia Commons
MediaWiki
Meta-Wiki
Wikispecies
Wikibooks
Wikidata
Wikimania
Wikinews
Wikiquote
Wikisource
Wikiversity
Wikivoyage
Wiktionary


Not logged in - Talk - Contributions - Create account - Log in

Read - View source - View history - Search Wikipedia

Welcome to Wikipedia,

the free encyclopedia that anyone can edit.
5,934,275 articles in English

From today's featured article




Joseph B. Foraker (1846 – 1917) was the 37th Governor of Ohio (1886 – 1890) and a Republican U.S. Senator (1897 – 1909). Born in rural Ohio, Foraker enlisted in the Union Army at age 16 and fought in the Civil War. After the war, he was a member of Cornell's first graduating class, and became a lawyer; he was elected a judge in 1879. Although defeated in his first run for governor in 1883, he was elected in 1885. Foraker lost re-election in 1889, but was elected senator by the legislature in 1896. In the Senate, he supported the Spanish–American War and the annexation of the Philippines and Puerto Rico. He differed with President Theodore Roosevelt over the Brownsville Affair, in which black soldiers had been accused of terrorizing a Texas town; Roosevelt had dismissed the entire battalion. Foraker fought unsuccessfully for their reinstatement, and Roosevelt helped defeat Foraker's re-election bid. In 1972, the Army reversed the dismissals and cleared the soldiers. **(Full article...)**

Recently featured: [Herbig](#) - [Haro object](#) - [Sutton Hoo Helmet \(sculpture\)](#) - [Sullus bovinus](#)

Archive - **By email** - **More featured articles**

Did you know...

- ... that when **Bernard Schriever** (*pictured*) was promoted to general in 1961, General Curtis LeMay looked at his four stars and said that had it been up to him, Schriever would not be wearing them?
- ... that during the **Battle of Bovey Heath**, Royalist officers escaped by "throwing their stakes of money", which the enemy soldiers paused to collect?
- ... that Kevin Harlan said his "first good move" in sports broadcasting was getting into radio at **WGBP-FM**?
- ... that after 78-year-old **Maggy Hurchalla** was ordered to pay US\$4 million for interfering with a mining company, her *kayaks* were seized?
- ... that the **Celebes warty pig** has been domesticated and introduced into other Indonesian islands?
- ... that the bassist **Fred Thomas** performed with James Brown for over thirty years?
- ... that the African tropical tree ***Pouteria adolfi-friederici*** was named after a German explorer?
- ... that the gynaeecologist **Margaret Puxon**, who started studying law to prevent boredom while on maternity



Gen. Bernard Schriever

In the news

- **Global climate change strikes** take place in 150 countries (*protesters in Sydney pictured*) as part of the Fridays for Future protests.
- The FIBA Basketball World Cup concludes, with Spain defeating Argentina in **the final**.
- In Gaelic football, the All-Ireland Championship concludes, with Dublin defeating Kerry in **the final**.
- **Drone attacks** on two major oil facilities force Saudi Arabia to cut more than half of its oil production.


Ongoing: [Brexit](#) - [Hong Kong protests](#) - [Papua protests](#)
Recent deaths: [Ye Xuanping](#) - [Cokie Roberts](#) - [Sakahoko Nobushige](#) - [Ric Ocasek](#) - [Bavellie Hongwa](#) - [Paul Cronin](#)

Nominate an article

On this day

September 22: Banned Books Week begins (2019); Independence Day in **Mali** (1960); **Day of Baltic Unity** in Latvia and Lithuania

- 1586 - **Eighty Years' War**: Spanish forces were victorious against a combined Anglo-Dutch army in the **Battle of Zutphen**.
- 1869 - **Das Rheingold**, the first of four operas in *Der Ring des Nibelungen* by German composer **Richard Wagner** (*pictured*), was first performed in Munich.
- 1914 - **First World War**: The German submarine ***U-9 sank*** three Royal Navy cruisers, resulting in approximately 1,450 deaths.
- 1979 - An American Vela satellite detected an **unidentified flash of light** near the Prince Edward Islands in the Indian Ocean, thought to be a nuclear weapons test.
- 2013 - Two suicide bombers **attacked a church** in Peshawar, Pakistan, killing 127 and

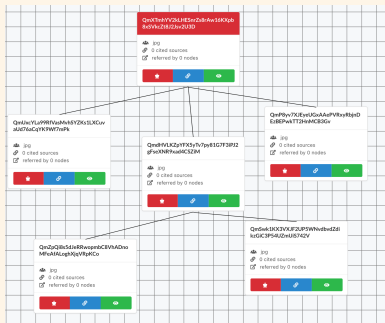
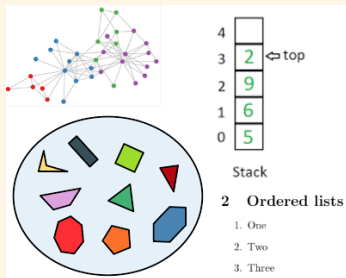


Richard Wagner

What can we do with castor.network?



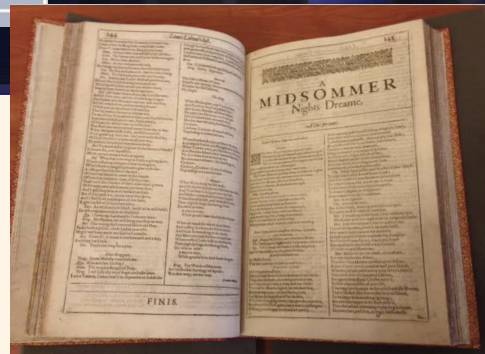
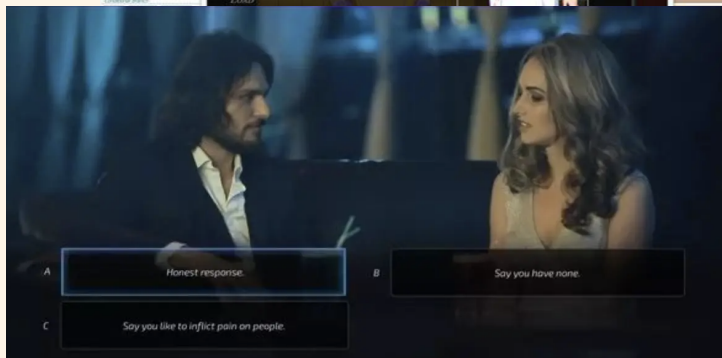
Combined Usage 1: Contribute novel derivative works(like WHAT IF).



What can we do with castor.network?



Combined usage 2: Building Play scripts or a whole World



What can we do with castor.network?



And more...



Endless Possibilities.

All it takes is your imagination.



Roadmap Milestones



- Tokenomy adjustments and finalization
- Better error handling
- More GE collective features
- More TCXs support
- Better frontend tools for Developers

Vision



”WEB3 is the vision of the serverless internet, the decentralized web. An internet where users are in control of their own data, identity, and destiny.”

We, at Castor. Network, want to be part of this movement by providing the building blocks for better content creation and distribution.

A close-up photograph of a beaver swimming in water. The beaver's head is above the surface, with its eyes and ears visible. The water is a murky brown color. The text "THANK YOU!" is overlaid in white, bold, sans-serif capital letters across the center of the image, partially covering the beaver's face.

THANK YOU!