



ODC X Sybil attacks

Garantindo a democracia online
e a efetiva distribuição de recursos



AGENDA

- Democracia? Distribuição de Fundos? Sybil Attacks?
- Surgimento da ODC
- ODC hoje, projetos futuros e oportunidades de colaboração/participação



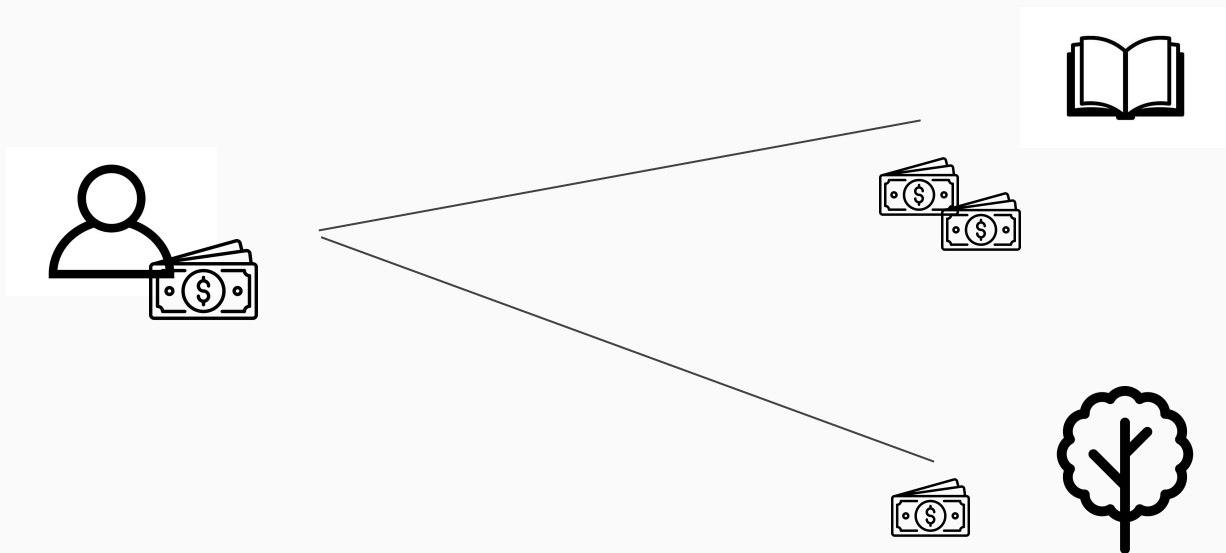
- Trabalho evitando fraudes na web2 e web3
- Eu não sou Dev :)
- Sou ODC Jedi
- Leading ODC Sandbox



**Democracia? Distribuição de Fundos?
Sybil Attacks?**

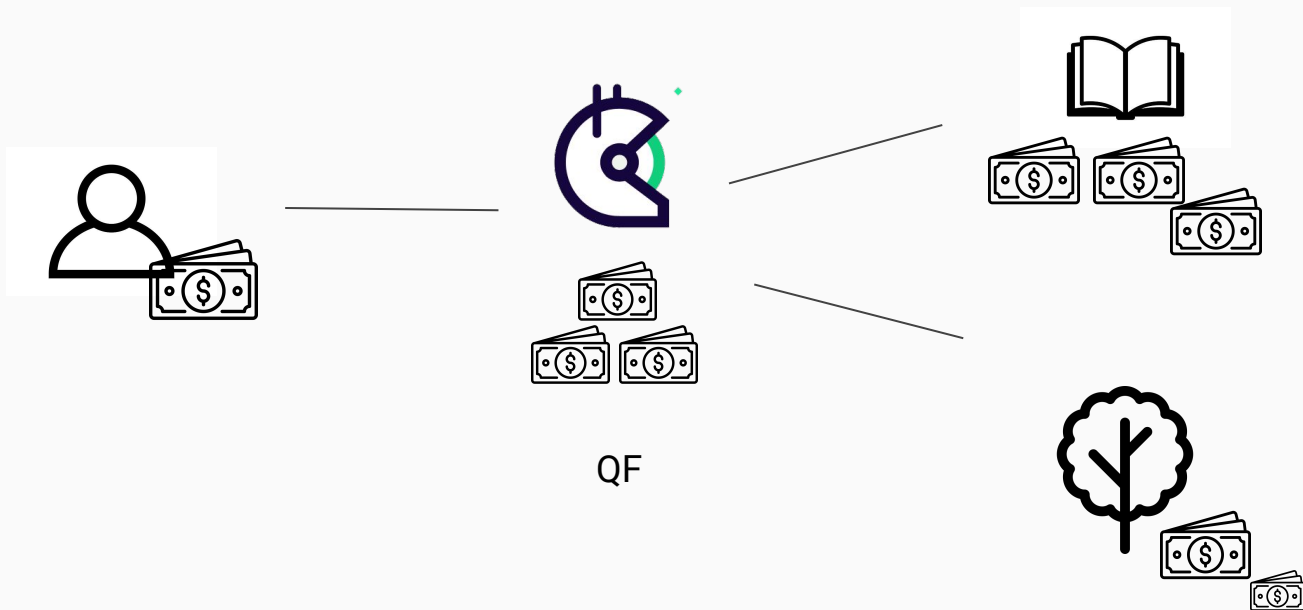


Democracia? Distribuição de Fundos? Sybil Attacks?



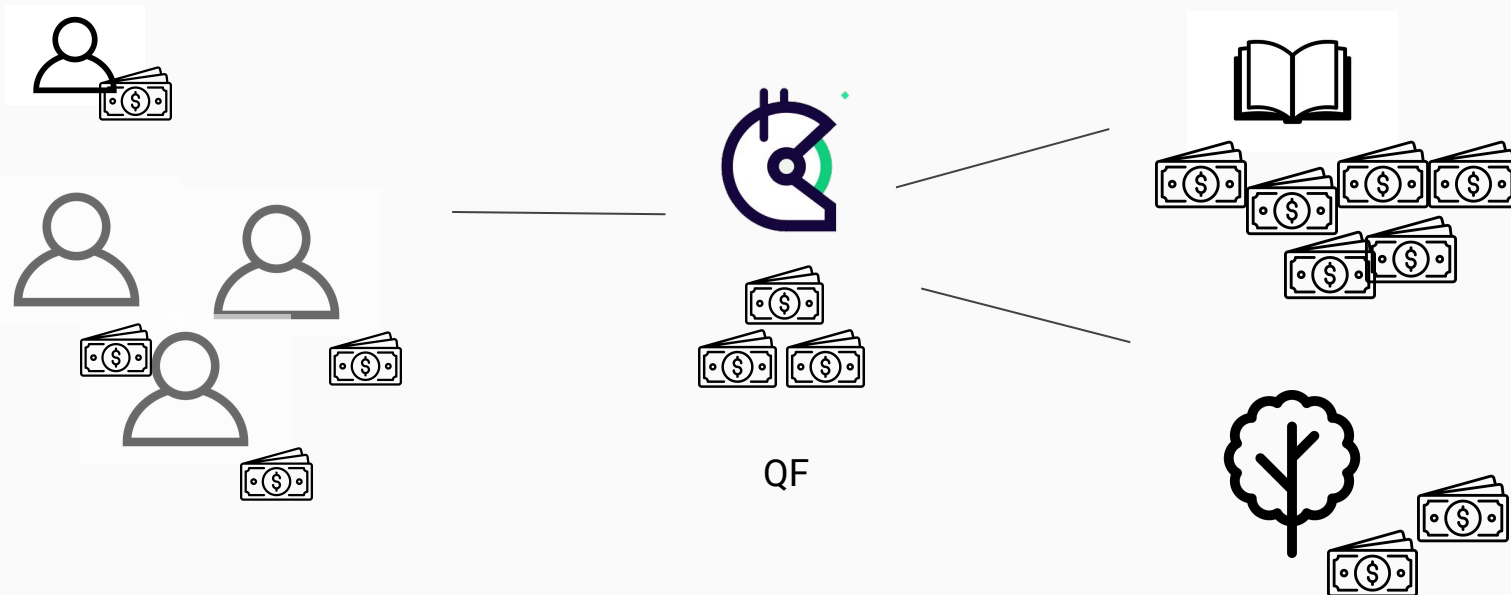


Democracia? Distribuição de Fundos? Sybil Attacks?



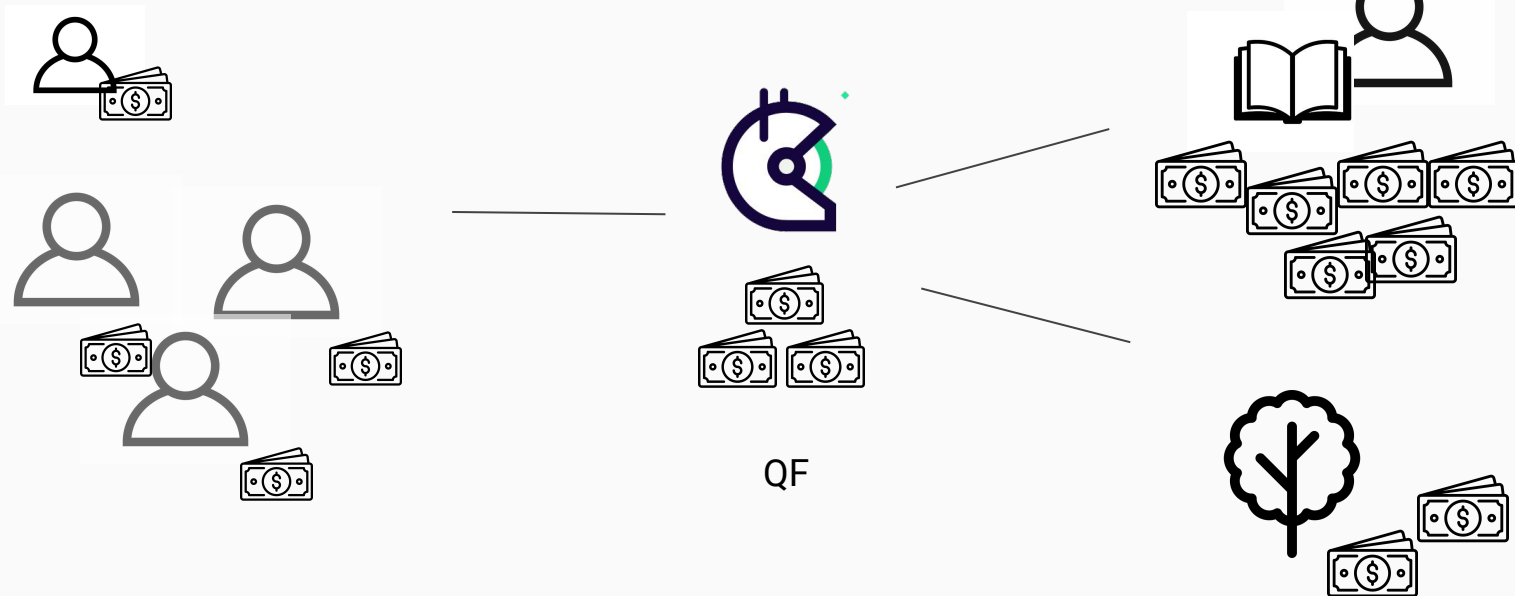


Democracia? Distribuição de Fundos? Sybil Attacks?





Democracia? Distribuição de Fundos? Sybil Attacks?





Democracia? Distribuição de Fundos? Sybil Attacks?

“253 million ARB tokens distributed among Sybil attackers”

“While all modern airdrops have multi-level Sybil protection filters, some of them appeared to be too easy to circumvent. For instance, Arbitrum (ARB) tokens were assigned to Sybil attackers who used bridges, centralized exchanges or smart contracts. Also, Sybil hunters active on other chains — Optimism and Ethereum — were not excluded from distribution.

*As a result, researchers say, 150,000 Sybil addresses and at least 4,000 Sybil communities managed to pass all eligibility checks. As such, **almost one out of four** ARB tokens ended up in their pockets.”*

- U.Today



No contexto de sistemas/organizações, os ataques Sybil acontecem quando ações ou recompensas são calculadas com base em “**um humano, uma identidade**”. Fraudadores ou ‘Sybils’ criam múltiplas identidades na tentativa de controlar (votar) ou lucrar (distribuições de fundos ou recompensas). O combate a esse tipo de prática permite que as organizações tenham práticas democráticas sem a presença física de seus participantes, por exemplo, **votação online** em DAOs.



É uma questão de identidade!

- Governo
- Biometria
- Network Base
- Presença

Anonimato



OpenData Community



Cost of
forgery



Mission | History | Today | Next Steps

Defender a web3 incluindo o financiamento de bens públicos através de:

- Combater Sybils (e outras fraudes)
- Resistir a (re)descentralização dos dados

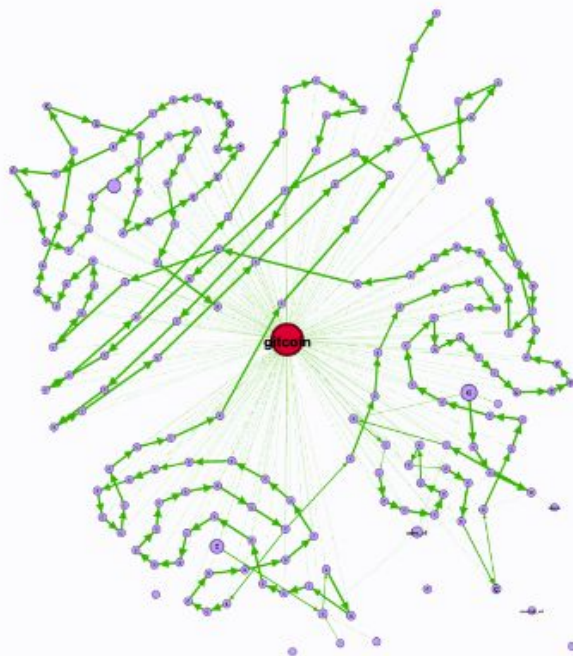


Mission | History | Today | Next Steps

Started in 2022 by Gitcoin Fraud Defence and Detection Workstream

- Grew out of Data Science hackathon
- \$20K Distributed in prizes
- Sybil Slayers / Human Hackers / Dune detectives
- Tivemos em torno de 200 participantes





ClusterID=0 with 188 Addresses; Attack on Ethereum

Fund Preparation:

Two addresses 0xede41(2022-09-14 9:25:49) and 0xb8308(2022-09-14 10:35:30) distributed funds in a chain-like way.

Making Donations:

With fund received, every address first made a donation of about \$1, and then sent fund to the next.

Residual Collection:

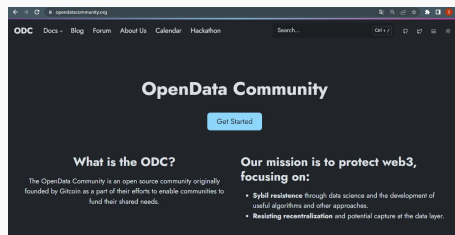
After conducting attacks on Aztec and zkSync, all the residual funds are collected on sep 26th to three addresses on zkSync 0x45997, 0xede41 and 0xb8308.



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Landscape

Project Categories

The categories below are simplistic and imperfect and will improve with input. Please make suggestions.

You can read more about how to suggest & make changes in our [wiki](#).

ON THIS PAGE

- Project Categories
- Decentralized compute
- Run and Stake Ethereum nodes
- Decentralized storage
- API providers and Oracles

We periodically run bounties & hackathons that reward so your improvements may result in a reward!

Decentralized compute

Cudos:

- Website
- Github

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FAQ

Answers to frequently asked questions.

What is a Hackathon?

In general a Hackathon is a social coding event that brings together computer programmers like software developers, analysts, designers and user interface specialists along with industry process experts and professionals to identify issues and create software solutions within a specific period of time.

Who can participate in the Open Data Community (ODC) hackathon?

Everybody is welcome to apply and be part of the Open Data Community (ODC) hackathon. We are looking for hackers, coders, makers but also for innovators.

- What problems can Sybil attacks cause?
- How can I use the Ocean Protocol?
- How to contribute to the hackathon
- Hackathon FAQ: How can I use Pocket Network?
- Hackathon FAQ: How can I use TrueBlocks?
- What is a Sybil Attack and why we should fight it?
- What is quadratic funding and matching? Why is it important to understand Sybil attacks?
- What is the price of forgery?
- Where can I find more Sybil



Mission | History | Today | Next Steps

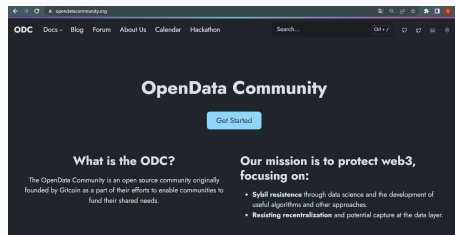
Started in Oct/2022 by Gitcoin Fraud Defence and Detection Workstream

- Grew out of Data Science hackathon
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Jan/2023

Hackathon com mais sponsors:

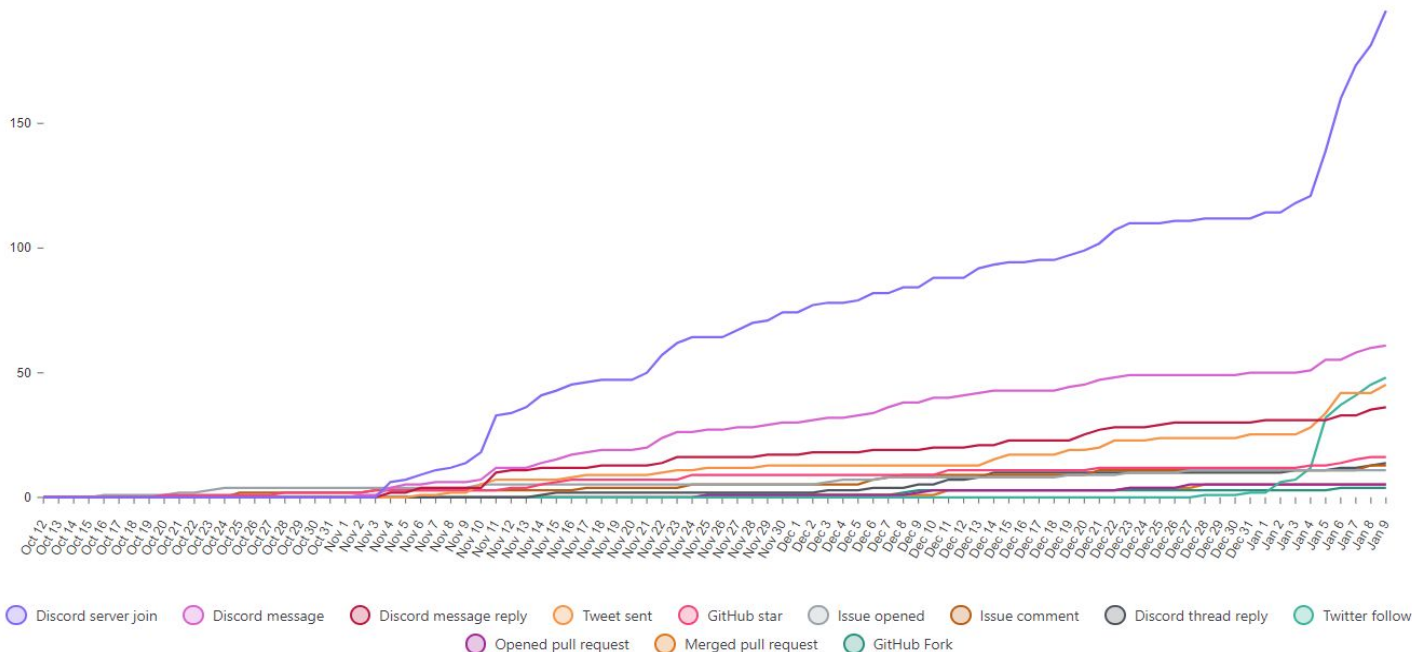
- POKT, Ocean & Supermodular
- Distribuimos \$35K em bounties
- EDA/ Legos / Lego Dashboard/ Community Building
- 56 projetos





Mission | History | Today | Next Steps


Total members by activity type as of Jan 9, 2023





Mission | History | **Today** | Next Steps

Trabalhando para a auto-sustentabilidade

- Hackathon - 25/abril - \$35K 
- Sandbox - ODC first sandbox project
- Data stack - ajeitando um stack para analistas e parceiros
- Sponsors/ Partners
- Governança e Regen Rangers



Mission | History | Today | Next Steps

- Hackathon
- Sandbox >>> Projects
- ODC Services



OBRIGADA!

Vamos conversar :)



/stefi_says



stefi_says#1654



/OpenDataforWeb3

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