
Blockchain

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Blockchain





1. Básico

→ **Criptografia**

→ **Hash**

Determinístico

Rápido.

→ **Merkle tree**

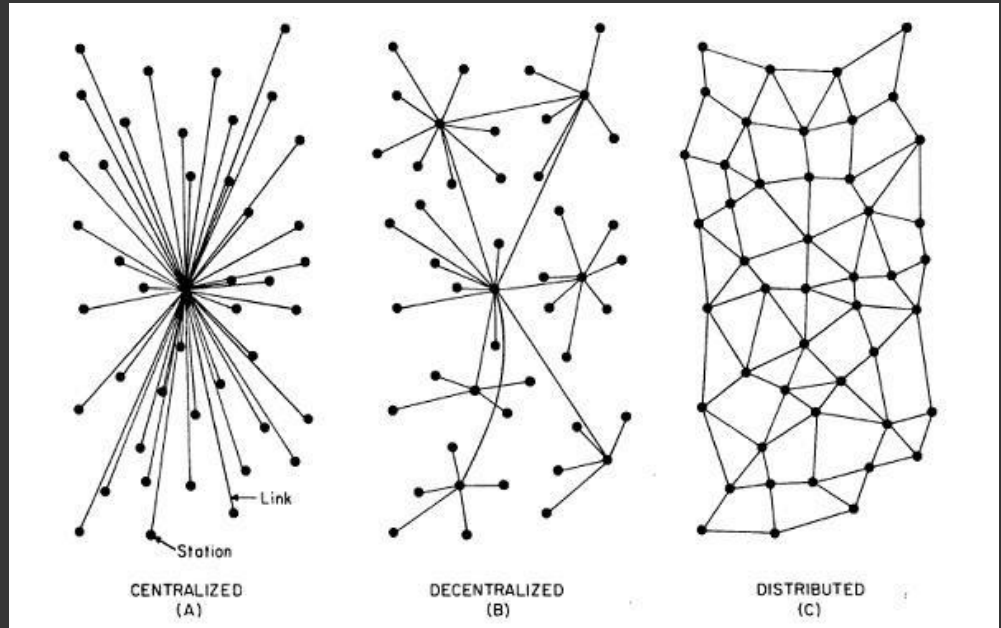
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Qual o problema que
blockchain resolve?

Double spend

Blockchain

Banco de dados distribuido





Bitcoin

Ethereum





2. Outras características

- **Imutável**
- **Resolve BFT - Consensus**
PoW ou PoS
- **Único**



ConsenSys

Tem em torno de 50 spokes (start ups)
que ajudam evoluir a comunidade
Ethereum

GNOSIS	VIANT
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DILIGENCE **TOKEN FOUND**

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OVERVIEW x

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Pausada

Apps

Bookmarks

Token Foundry

CCN: Bitcoin, Ethereum

GIT commands

DEV One-click Login with


Ethereum


Karl Floersch (@karl_


Consensys Video Ret


Outros favoritos


zero-sum smart contracts.
Variab.io

**TRUSTOLOGY**
A custody platform to safe guard crypto assets, with customizable smart contracts for diverse client needs.
Trustology.io


**CONSCIENCE**
A scientific research, peer review and publishing platform that is transparent and auditable.
Conscience.network


**FRONTIER**
A decentralized token research analyst platform curated and incentivized by governance tokens.
FrontierTokenResearch.com


**LOCALITIES**
A loyalty network uniting independent merchants to their customers to incentivize spending in the local economy.
Localities.io


**GOVERNIX**
A governance platform for creating and managing complex decentralized and distributed organizations.
Boardroom.to


// BLOCKCHAIN ADVISORY & SERVICES


**DILIGENCE**
An Ethereum security best practices service provider, providing expert security audits, tools & education.
Diligence.consensys.net


**TOKEN FOUNDRY**
A platform to help projects design and launch tokens fairly / transparently & people to purchase tokens safely.
Tokenfoundry.io


**SOLUTIONS**
Global provider of enterprise and exploratory blockchain consulting solutions to major institutional clients.
Consensys.net/solutions


**CONSENSYS MEDIA**
News, education, and leading innovations from leaders in the blockchain industry, plus community outreach.
Media.consensys.net


**CONSENSYS ACADEMY**
Bridging the Ethereum knowledge gap globally for developers and non-developers alike.
Academy.consensys.net


**CONSENSYS LABS**
Our venture studio supports entrepreneurs and developers as they build ventures on the Ethereum platform.
Consensys.net/labs


**CONSENSYS ENERGY**
Enterprise and industry-spanning blockchain solutions for the energy sector including trading, markets and logistics.


**ETHEREAL SUMMIT**
A regular gathering to promote building a decentralized future and engage broader audiences in blockchain.
EtherealSummit.com


**CONSENSYS CAPITAL ASSET MANAGEMENT**
Builds institutional market infrastructure for the emerging digital asset class.


**CONSENSYS VENTURES**
Helps entrepreneurs in the decentralized technology sector scale business through strategic capital and our global network.
Consensys.vc


**BLOCKCHAIN FOR SOCIAL IMPACT**
Facilitates collaboration on R&D and implementation of tools for social impact.
BlockchainforSocialImpact.com

**CONSENSYS ADTECH**
Helping advertisers secure supply chains by leveraging decentralized human subjectivity. Technical advisor to AdChain.


**THE BROOKLYN PROJECT**
An industry-wide initiative for token-powered growth and consumer protection.
TheBrooklynProject.consensys.net

**UPORT**
A self-sovereign identity management & KYC/AML attestation system with user-controlled disclosure.
Uport.me

**METAMASK**
An identity and transaction management solution in a web browser, eliminating the need to install an Ethereum node.
MetaMask.io


**ALETHIO**
A blockchain analytics platform providing insights to startups, projects, enterprises and empowering the community.
Aleth.io


// BLOCKCHAIN CORE COMPONENTS





Consensys is a global team of 800+ people located in 25 countries around the world, with offices in New York, Toronto, San Francisco, London, Paris, Bucharest and Dubai, as well as growing regional presence in Latin America, Africa and Asia Pacific.


// BLOCKCHAIN DEVELOPER TOOLS

**BTC RELAY**

**TRUFFLE**

**NETHEREUM**

**KALEIDO**

**CODE FUND**

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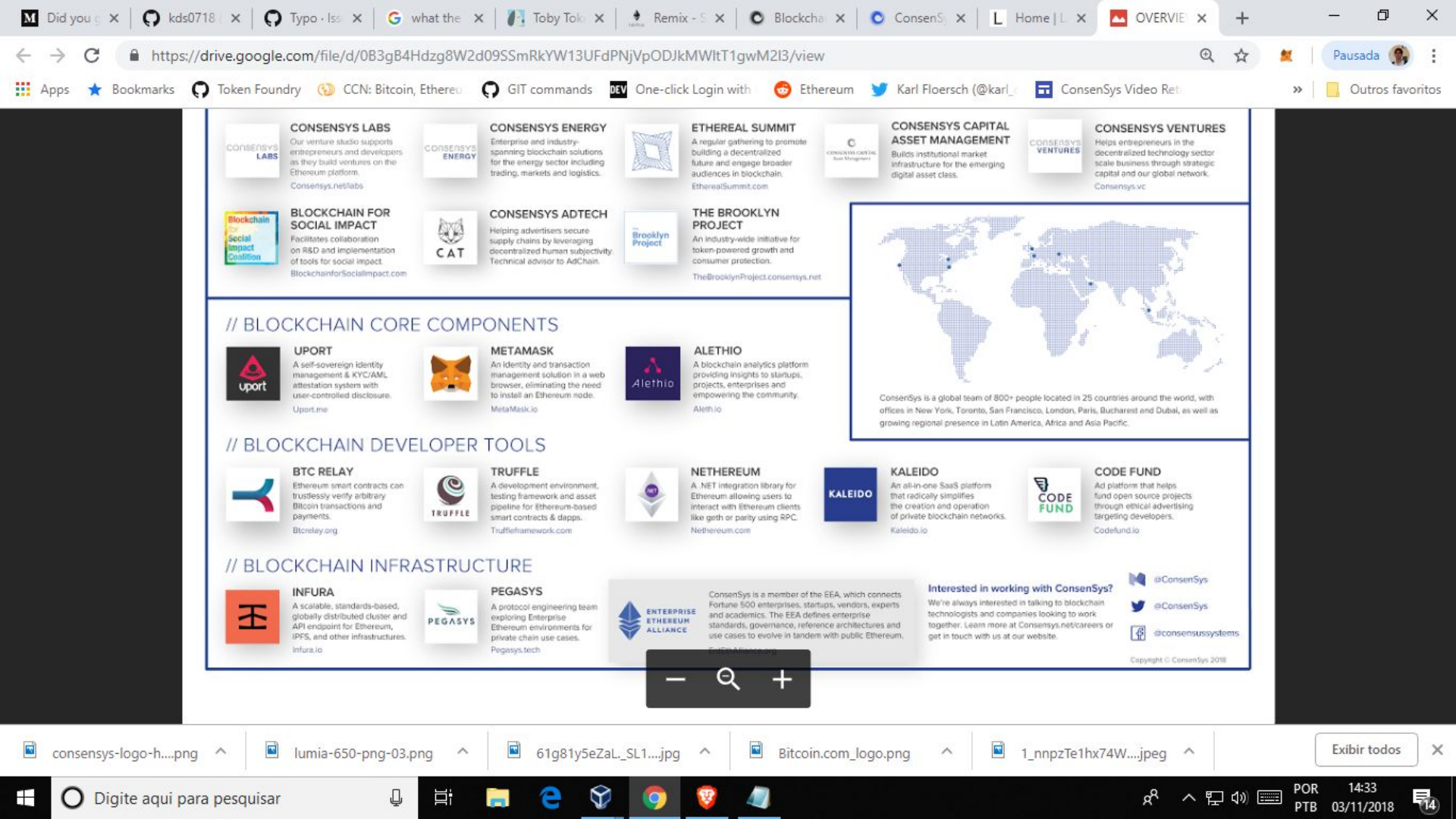
Bitcoin.com_logo.png

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Exibir todos

Digite aqui para pesquisar

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The background of the slide is a dark, silhouetted image of several people sitting at a table, looking out at a city skyline. The most prominent building in the skyline is St. Paul's Cathedral in London, with its large dome clearly visible. Other buildings of the city are also visible in the background.

1. Metamask

2. Truffle

3. Exemplo:

<https://github.com/kds0718/Signature-Example.git>

Desafio

Fazer um smart contract chamado Splitter que faça o seguinte:

1. Temos 3 pessoas: Alice, Bob and Carol
2. Podemos ver o “saldo” do Splitter
3. Quando Alice envia Ether pro Splitter, metade do valor vai pra Bob e a outra metade vai pra Carol



Obrigado

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