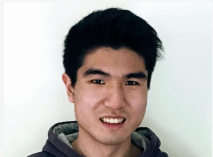# Scaling Web3 with StarkNet & React Native

Janek of Argent & Sean of Aspect

June 2022

Brief Introduction

Intros

Sean

🐦 @0xs34n

1 Started StarkNet.js

2 Open Source: github @0xs34n: blockchain-cli, coin-cli

3 Products: blockchaindemo.io coindemo.io aspect.co

Intros

Janek

@0xJanek

1 Core contributor to Starknet.js

2 Created Argent X: first StarkNet wallet

3 Open source lover and contributor

Why should I care Web3?

Sovereign Ownership

Of Digital Value

1 Ownership – No one owns it but you.

2 Permissionless – No one can stop you.

3 Secure – No single point of failure

Ownership

Owning value on the internet

Your funds are not owned by the bank.

Your value is not owned by a company.

Your currency are not owned by the government.

Permissionless

No one can stop you

Anyone can fork

Unstoppable programs

Participate in securing the network

Security

Secured by the global internet

No single point of failure

Incentive alignment

More participants, more security

What are people doing with Web3?

DeFi & NFTs

Beyond the HYPE

1 DeFi – Finance without Middle Men

2 NFTs – Own a piece of the internet

DeFi

Finance without Middle Men

Transact value with programs on the blockchain.

No middle men needed. No banks and clearinghouses required to facilitate transfers.

Secured by open code.

More efficiency, transparency, and security.

Money becomes Programmable.
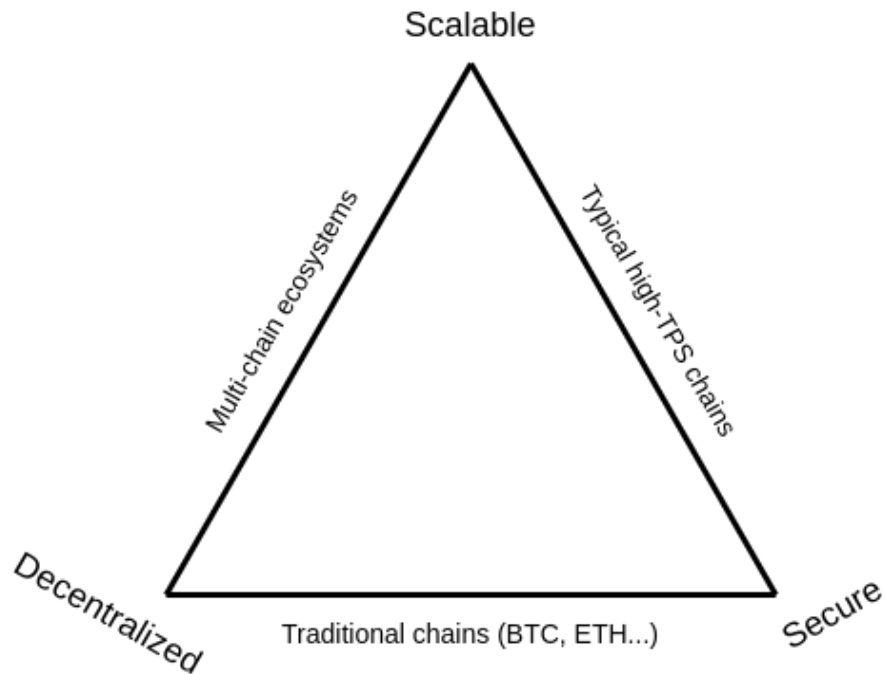
NFT

Own a piece of the internet

Digital Artists can earn income independently
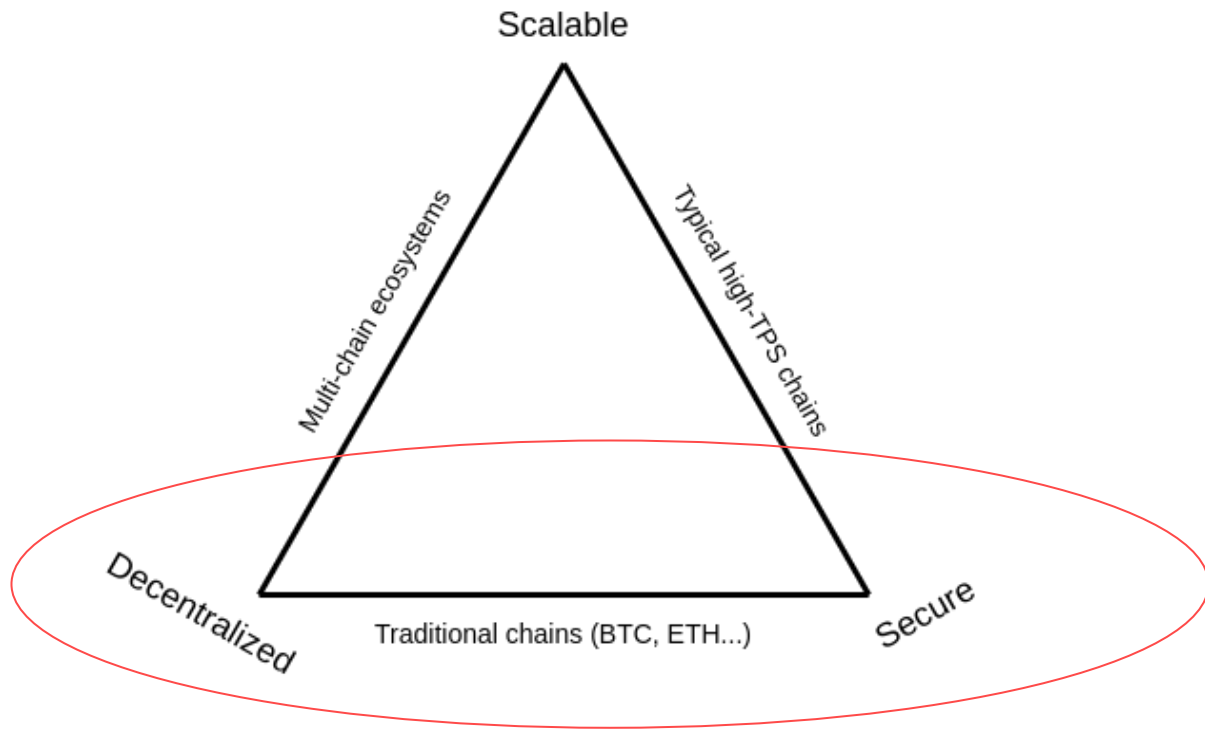
Create value across separate ecosystems

Culture becomes Tokenized

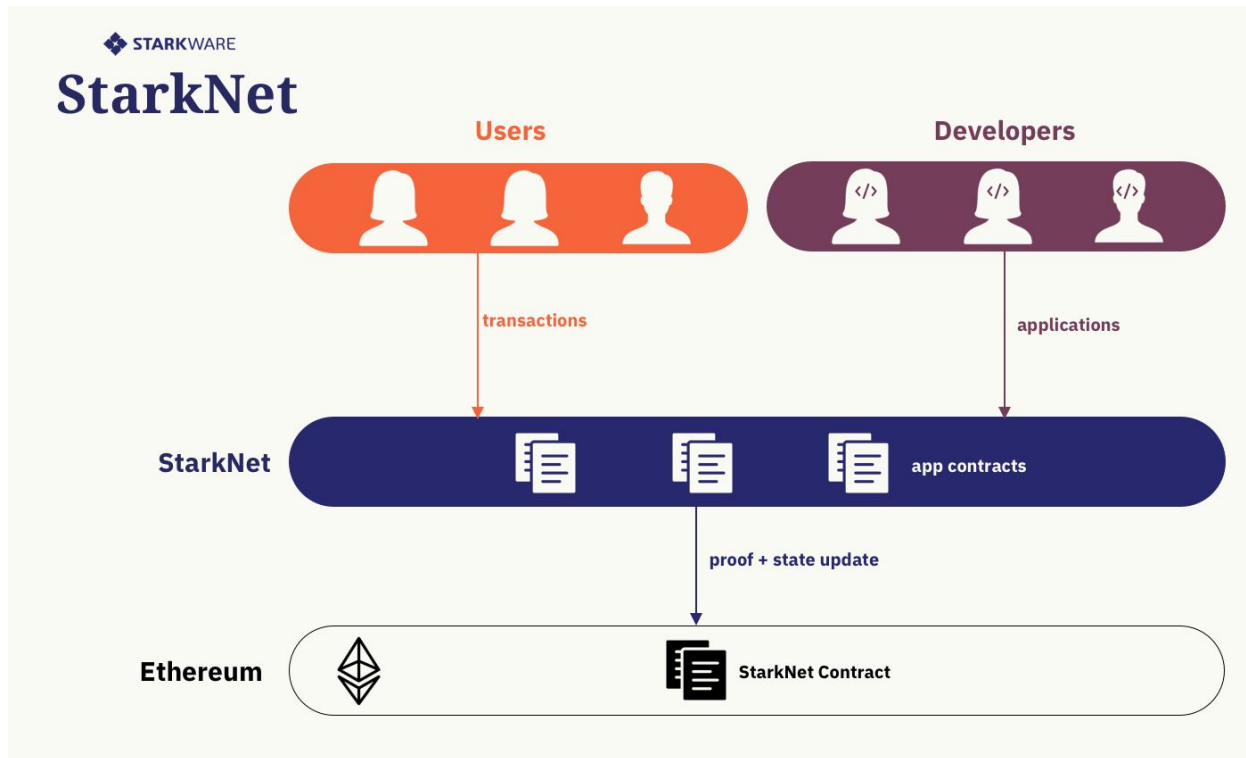# What are some challenges?

Blockchain Trilemma

Blockchain Trilemma

Scalable

Multi-chain ecosystems

Typical high-TPS chains

Decentralized

Traditional chains (BTC, ETH...)

Secure

How does StarkNet solve scalability?

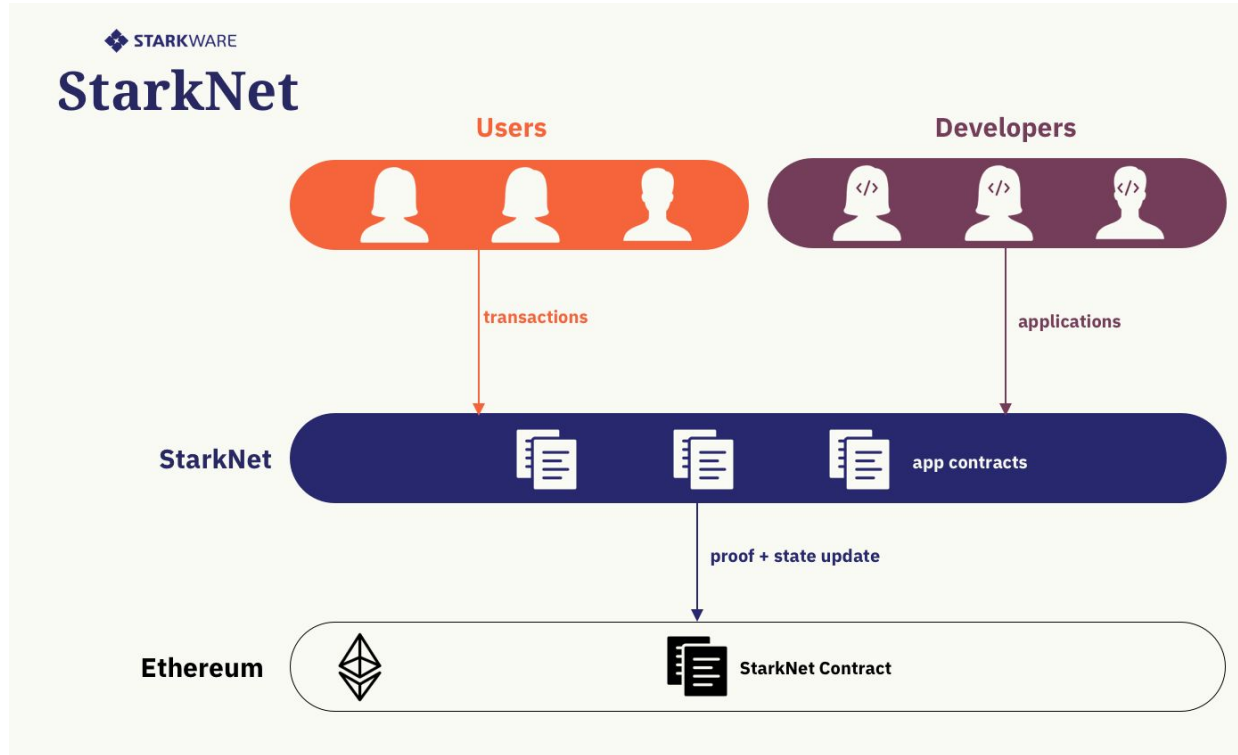# Batching transactions into single proof

100x

Up to 100x Transaction Fee Savings vs. ETH

What is StarkNet.js?

Allows JS Apps to interface with the StarkNet network

StarkNet.js ❤️ React Native

github.com/argentlabs/app-js-demo

Demo!

See it in action

github.com/argentlabs/app-js-demo

1   Wallet

2   Code

3   ~ 800 zł = ~$200 Giveaway

Thank You

🔶 argent.xyz   aspect.co