ZK Social Graph
Web3, Lens Protocol compatible smart contracts-based social graph
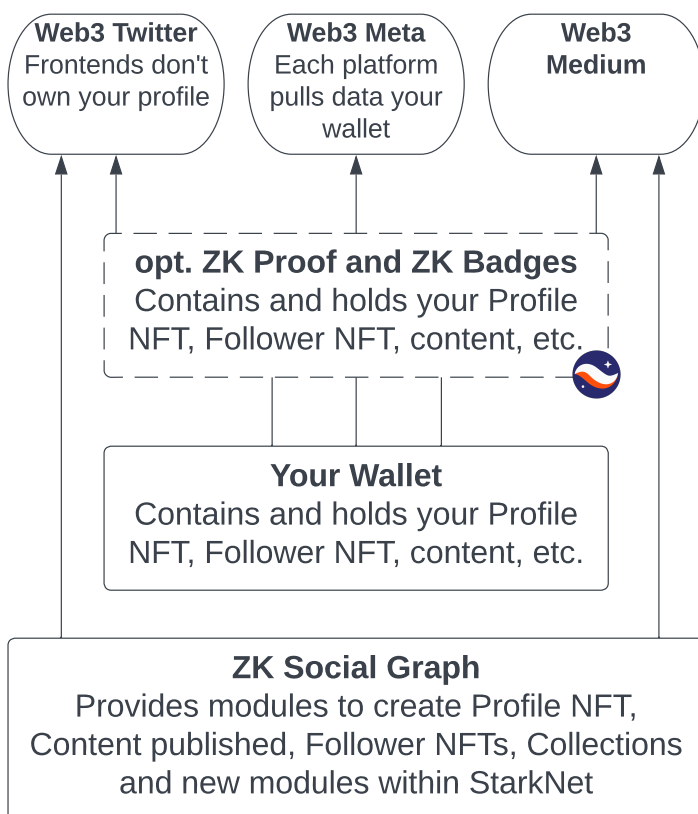
ZK GRAPH

Overview

ZK Social Graph is a Web3, Lens Protocol compatible smart contracts-based social graph for the StarkNet Ecosystem designed to empower creators to own the links between themselves and their community, forming a fully composable, user-owned social graph. The protocol is built from the ground up with modularity in mind, allowing new features to be added while ensuring immutable user-owned content and social relationships.

Our goal is to build Lens Protocol compatible StarkNet network based Social Graph and appropriate APIs enhanced with ZK security features.

Web3 Twitter
Frontends don't own your profile

Web3 Meta
Each platform pulls data your wallet

Web3 Medium

opt. ZK Proof and ZK Badges
Contains and holds your Profile NFT, Follower NFT, content, etc.

Your Wallet
Contains and holds your Profile NFT, Follower NFT, content, etc.

ZK Social Graph
Provides modules to create Profile NFT, Content published, Follower NFTs, Collections and new modules within StarkNet

Contact us

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Security and Privacy concerns

In the next decade, web services will evolve to become truly personal, living in more places than just user's browser, and reason over every intimate detail of our personal lives. There are examples to demonstrate this already. For example, in the past five years, the number of in-home smart assistants has grown from zero to half a billion web-connected devices. Our private lives have become a public commodity and as web services evolve to become more personal, we need to rethink how we control our data.

Pseudonymously

... with zero knowledge verified NFTs. This means user can prove credentials, ownership, or facts without them tracing back to user. ZK Social Graph project goal is to extend Lens Protocol with pseudonymous Profile NFT ownership (ZK badges). This means user can prove ownership of an Profile NFT without it tracing back to him.

ZK Proof

In user's wallet(s), he has NFTs that can point back to his identity (aka, getting doxxed). But what if user can verify ownership of NFTs while staying pseudonymous? When user connect his wallet(s), we verify his NFTs. Then, we create ZK badges out of them.

ZK badges

This means user can prove ownership of an NFT without it tracing back to user.

Building user identities (Profile NFTs) with ZK Badges

Once user has ZK proof, user can add create ZK badges for an anonymous wallet. Zk badges verify user owns an NFT but leaves no bread crumbs back to his personal wallets.