Toward an Onchain Knowledge Commons

Introduction to Seed Protocol as a communication pattern for an onchain semantic web

Presentation by **Keith Axline**
and **Spencer Saar Cavanaugh**
of JournoDAO

A new stage of the semantic web?

- Inherits a variety of standards, ontologies, schemas from web1 and web2
- Introduces P2P settlement via distributed ledgers
- Involves P2P storage layers for data (IPFS, Arweave, etc.)

EAS brings the semantic web onchain

Prospects of current context

- Onchain semantic web as permissionless universal API?
- Funding opportunities programmatically tied to public claims (e.g. impact assessment)?
- Censorship- and deprecation-resistant storage layers?

Semantic economic infrastructure

Challenges of current context

- Overwhelming mass of low-context attestation data (low signal-to-noise, etc).
- “Ontological fragmentation” i.e. friction between communication patterns.
- Absense of trust networks to verify claims (e.g. using ENS to identify claimants).

Sensemaking is difficult

Introducing Seed Protocol

- A framework for publishing and indexing content.
- A network public good (e.g. telephones)
- A unified communication pattern.

If EAS is an infrastructure, Seed Protocol is a communication framework designed to make it more useful and usable.

“Network effects for the People”

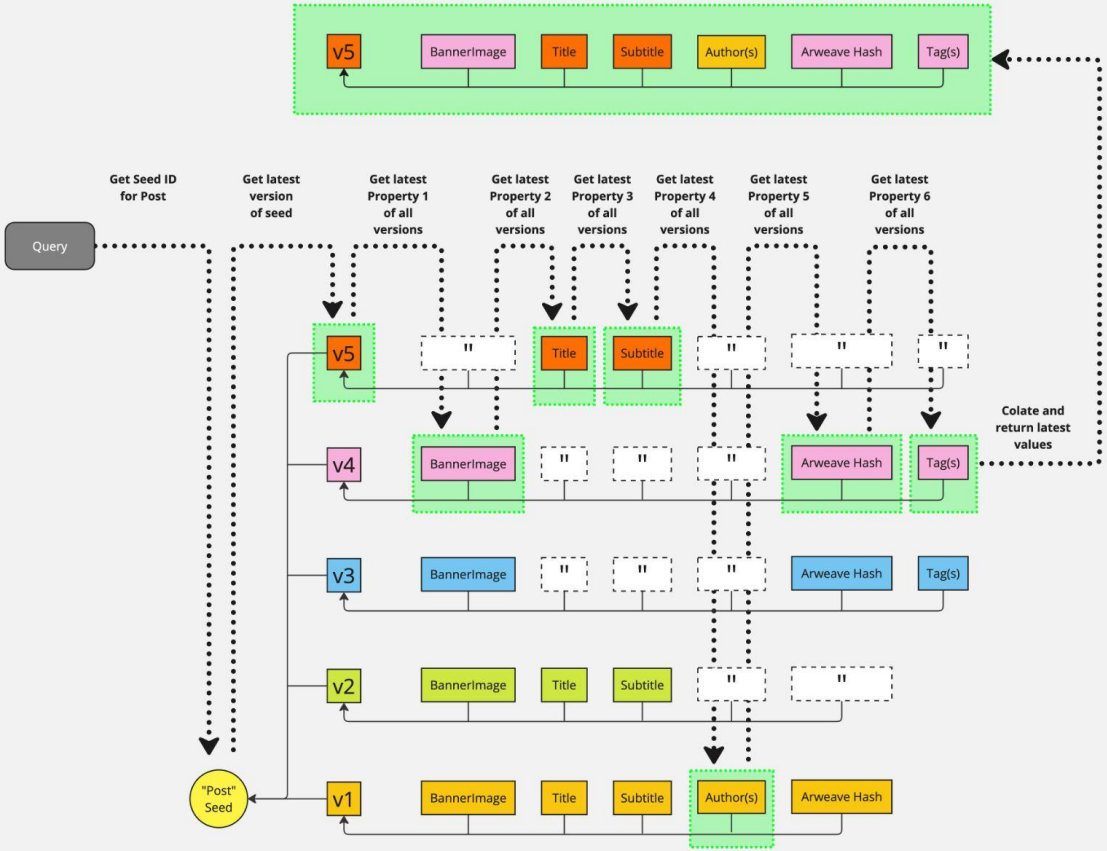
JournoDAO is building:

Seed Protocol as the communicative framework

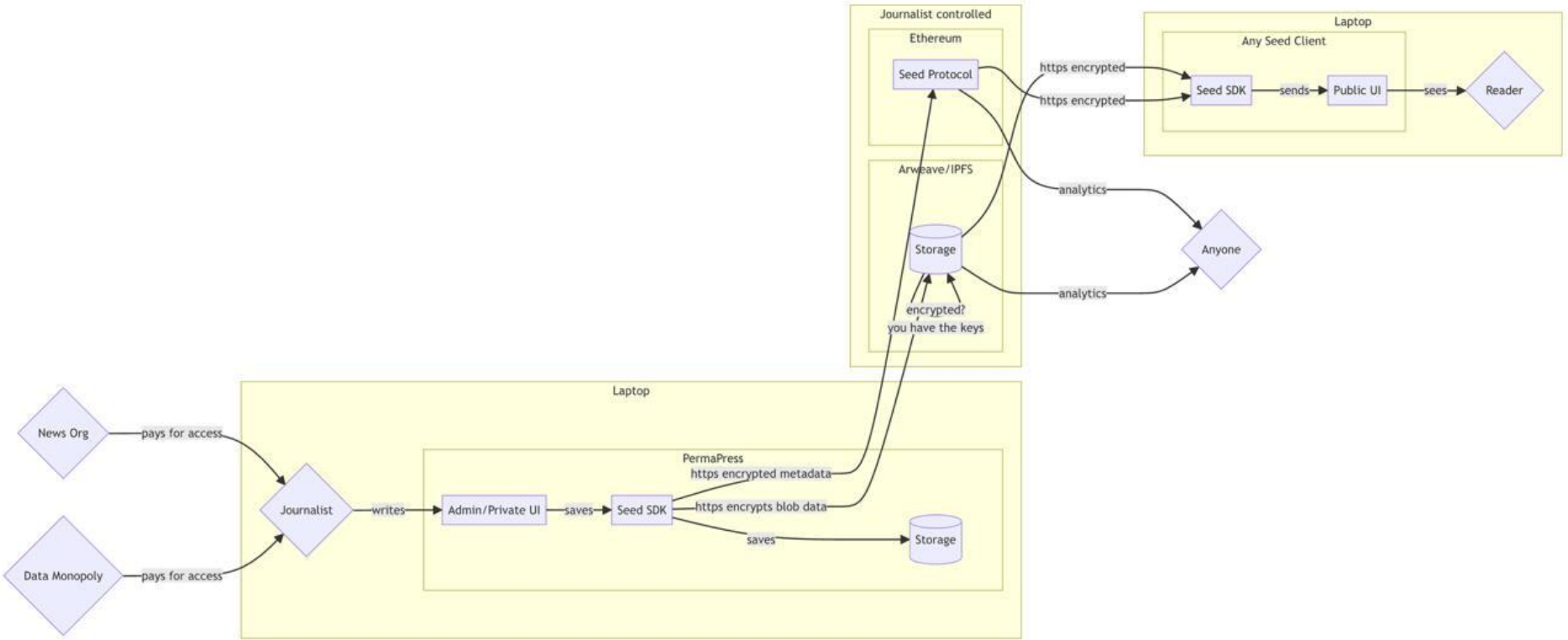
and

PermaPress as accessible interface for journalists to publish and preserve their content via Seed Protocol.

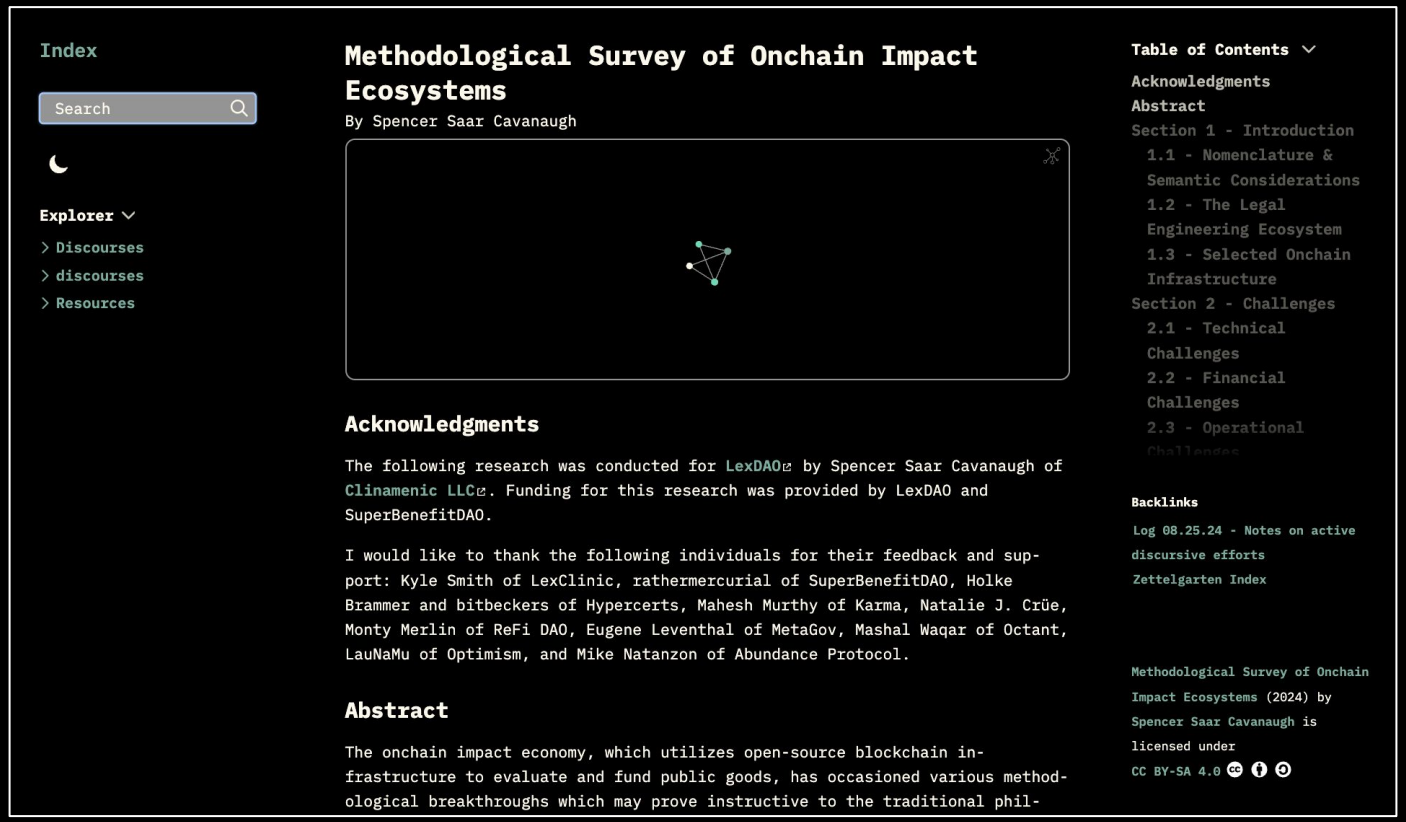
Attestation Architecture of Seed Protocol

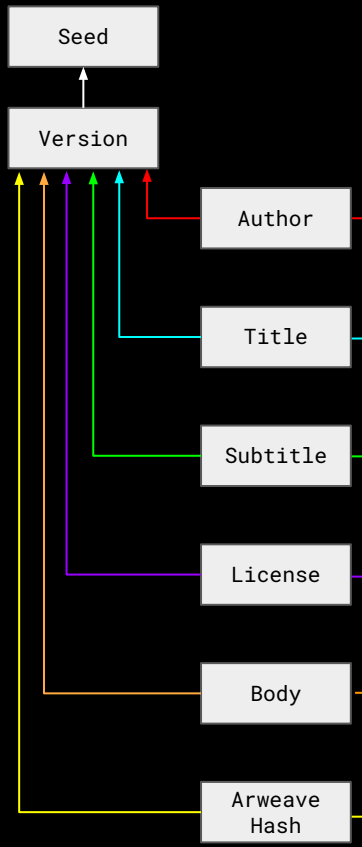


Publishing Flow for PermaPress



Example markdown publication which can use Seed Protocol: A report on impact assessment (draft)

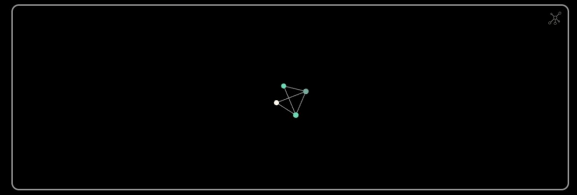





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1  ---
2  author: Spencer Saar Cavanaugh
3  author URL: https://www.clinamenic.com
4  title: Methodological Survey of Onchain Impact Ecosystems
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   Mashal Waqar of Octant, LauNaMu of Optimism, and Mike
   Natanzon of Abundance Protocol.
20
21 ## Abstract
22
23 The onchain impact economy, which utilizes open-source
   blockchain infrastructure to evaluate and fund public goods,
   has occasioned various methodological breakthroughs which may
   prove instructive to the traditional philanthropic sector. It
   has also encountered various challenges familiar to, and runs
   the risk of repeating some systematic inefficiencies of,
   traditional philanthropy. Various open-source protocols
   exist, or are actively being developed, to: administer
   onchain grant programs; configure and issue onchain
   certificates of impact; publish claims and attestations to
   build onchain trust networks; and retroactively fund public
   goods via protocol-based fiscal systems. These functions are
   developed as distinct softwares, but with the intention of
   being combined into multi-functional open-source assemblages
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Methodological Survey of Onchain Impact Ecosystems

By Spencer Saar Cavanaugh



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[...]

in various paid and unpaid capacities.

If you would like to consult with Clinamenic LLC or commission research similar in nature to this report, please reach out to ssc@clinamenic.com with your inquiry.

Footnotes

1. For example, grantees included in Gitcoin's quadratic funding rounds tend to participate in public panels, such as Twitter spaces, intended to cross-promote the grantees' projects and to more generally promote the development of the Gitcoin ecosystem.

Backlinks

Log 08.25.24 - Notes on active discursive efforts

Zettelgarten Index

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Thank you!

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PermaPress web app | Seed Protocol docs