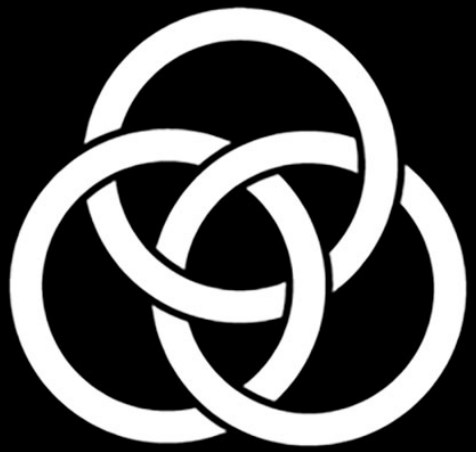

Blockchain Commons

Advocating for the Creation of Open, Interoperable, Secure, and Compassionate Digital Infrastructure

Blockchain Commons #Gordian Meeting 2024-02-07

What is Blockchain Commons?

- We are a community interested in self-sovereign control of digital assets.
- We bring together stakeholders to collaboratively develop interoperable infrastructure.
- We design decentralized solutions where everyone wins.
- We are a neutral "not-for-profit" that enables people to control their own digital destiny.

Thank you to our Sponsors!

Last Meeting

January Topics:

- dCBOR
- Gordian Sseed Tool
- Multi-Part Implementation Guide for URs
- Recent Research Papers
- New Research Statuses

Today's Topics

- GST 1.6 Demo
- Metadata in Envelopes & Attachments
- NFC Open Discussion

GST 1.6 Demo

- Improved Input
    - Hex, BIP39, Bytewords
    - *Recovery must be simple, intuitive*
- Envelope Export Now Stores Metadata
    - *Recovery must be comprehensive*
- Master Fingerprint Lifehash added
    - *Seed/key usage must be intuitive*
- Support for Tezo tz1 addresses
- Support for Newest Specs (Envelope, ouput descriptor, etc)

Many of our newest specs & best practices are courtesy of your suggestions & requests.

Thank you!

Metadata in Envelopes & Attachments

- Envelopes can store metadata
- Gordian Seed Tool demonstrates the usage
- We need use cases to create specifications!
- Gordian Seed Tool has:
    - Output Descriptors!
    - Date
    - Notes
- Other Needs:
    - Transaction notes
    - Private notes
    - Lightning channels
- What else?

NFC Open Discussions

- New Signal Channel, BC-NFC
- iOS Apps for Development
    - Gordian Seed Tool
    - NFC Tools
- Libraries
    - https://github.com/BlockchainCommons/jc-sskr
    - https://github.com/OpenJavaCard/openjavacard-ndef
- Applications
    - https://github.com/crocs-muni/javacard-curated-list
- Best Sources for JavaCards?
- Best Practices?

www.BlockchainCommons.com

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