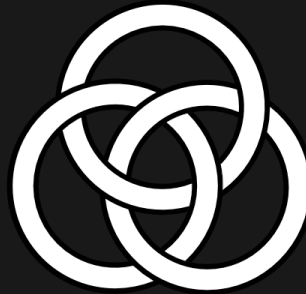




Blockchain Commons

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

Blockchain Commons #Gordian Meeting 2024-03-05



What is Blockchain Commons?

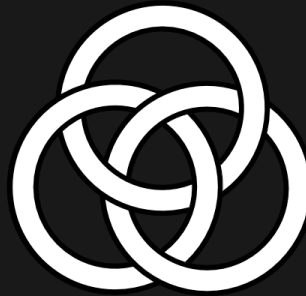
- We are a community interested in self-sovereign control of digital assets.
- We bring together stakeholders to collaboratively develop interoperable infrastructure.
- We design decentralized solutions where everyone wins.
- We are a neutral "not-for-profit" that enables people to control their own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

Thank you to our Sponsors!



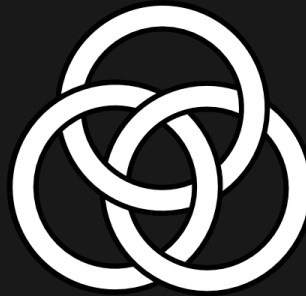
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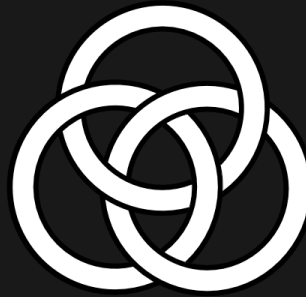
Last Meeting

- Mainly a demo of ***Gordian Seed Tool*** for iOS/Mac
 - including reference support for latest Envelope-based SSKR shards



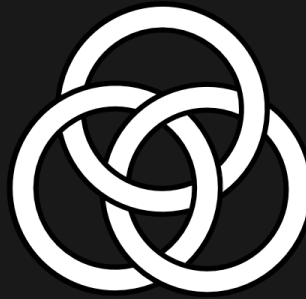
Today's Topics

- Request & Response using Envelope
- Envelope Metadata
- Gordian Server 1.1.0



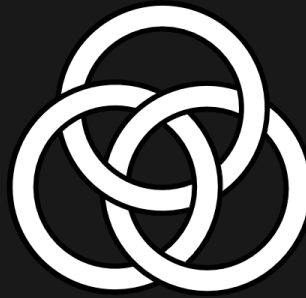
Request & Response

- Request/Response is an Envelope Feature
- It allows one device to Request data and another to send a linked Response
- Why?
 - Interoperability
 - Automation
- It can make YOUR device easier to use
 - And a better part of the digital-asset ecosystem
- This month, we prepared some docs on Request/Response ...



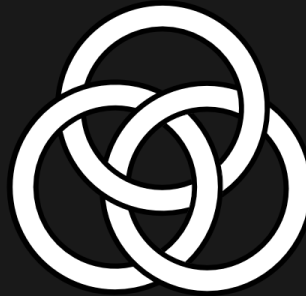
Envelope Metadata I

- Metadata can be sent in any Envelopes (including Request/Response)
- Why?
 - You may want to store info on transactions
 - You may want to store descriptors for keys
 - You may want to store info to help recovery
- You Need to Ask
 - What do you need to backup?
 - Do you need to encrypt it?
 - Do others need to store this same info?



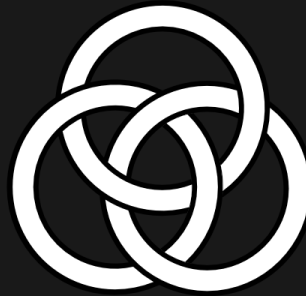
Envelope Metadata II

- How?
 - As arbitrary binary or text blob
 - As a private attachment
 - Optionally encrypted or sharded
 - Using dCBOR for public attachments
- Working with common specs
 - At least two vendors must have common needs
 - Write a CDDL
 - Work with Blockchain Commons & another vendor
 - We develop a spec for your attachment!
- See our video on Attachments
 - <https://tinyurl.com/envelope-attach>



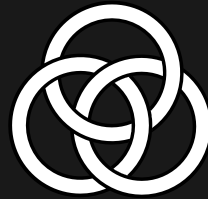
Gordian Server 1.1.0

- Gordian Server 1.1.0 Has Been Released
- Why Gordian Server?
 - It's a part of our TorGap ecosystem to support partitioning
 - It supports privacy and resists censorship
 - But like all of our apps, it's a reference: how we think things should work
- New 1.1.0 Version
 - RPCAuth Instead of plain text RPC credentials
 - Properly Supports M1/M2 binaries
 - Properly Supports Bitcoin 25/26
- Take a Look at @Fontaine's Fully Noded App for an Integrated Wallet



Next Month!

- Jess Posner Will PRESENT
 - A BIP-340 FROST Library!
 - supported by Brink & others
- Wednesday, April 3rd



www.BlockchainCommons.com



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