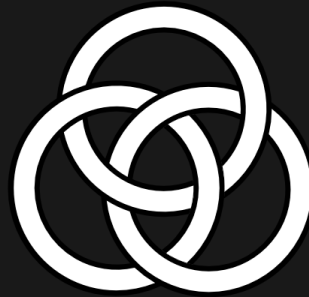


Blockchain Commons

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

Blockchain Commons #Gordian Meeting 2024-05-01

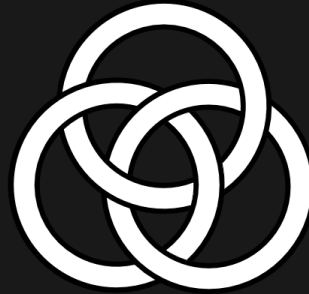


What is Blockchain Commons?

- 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 Sustaining Sponsors!





Sponsorships

- It's been a tough year!
- We've lost a number of sponsors!
 - They remain interested in our tech
 - But they're having problems with funding
 - So we're having problems with funding
- Become a sponsor!
 - Mail us at team@blockchaincommons.com
- We can also support your company on specific projects
 - Open source
 - Related to our specifications
 - Talk to us!



Thanks also to individual sponsors!

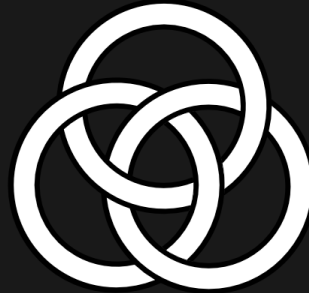
Current sponsors 14



Past sponsors 25

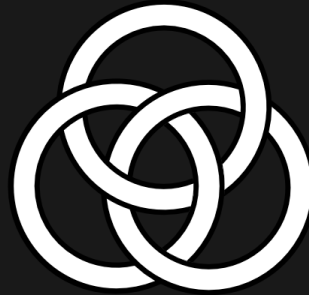


- You help us to go to people like HRF & say we have developer support!
- Even \$20/month makes a difference!



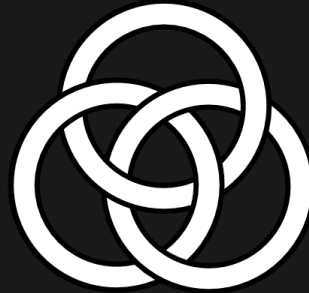
Last Month

- FROST/Gordian Meeting
 - Gordian Server 1.1.0
 - Wyoming Legislation
 - FROST Presentation



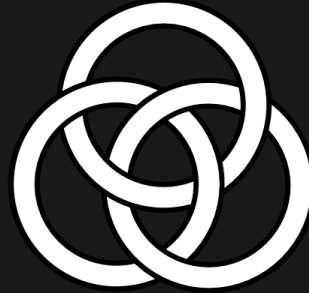
Today's Topics

- SSH-Envelope
- Other Advances
- PayJoin
- The Request/Response Use Case



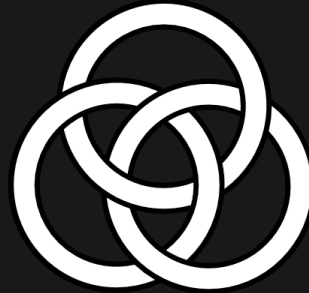
SSH-Envelope

- Repo: `ssh-envelope-python`
 - Preview version!
- A Python Integration with Rust Envelope CLI
- Sign & Verify Gordian Envelopes with SSH Keys
 - Though We've Made Crypto-Choices in Envelope
 - The Foundational System is Crypto-Agnostic!



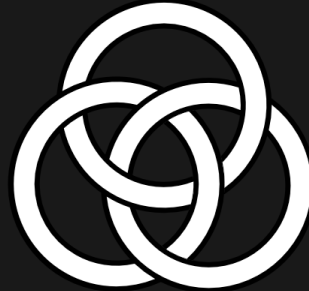
Other Advances

- New Envelope Executive Summary, Features on Dev. Pages
 - <https://developer.blockchaincommons.com/envelope/>
- Q2 2024 Report
 - <https://www.blockchaincommons.com/>
- BCR-2024-006: Representing Graphs Using Gordian Envelope
 - <https://tinyurl.com/bcr-graphs>



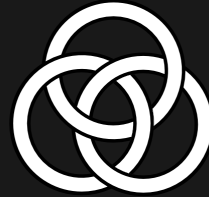
PayJoin

- Welcome to Dan Gould
- Talking about PayJoin
 - Better Preserve Privacy of Bitcoin Transactions
 - Recipient Can Consolidate UTXOs
 - Now without a Public Server for v2!



Request & Response

- Request/Response is an Envelope Feature
- It allows one device to Request data and another to send a linked Response
- We recently prepared:
 - Implementation Guide
 - Multisig Use Case
- How To Use R/R and **Why**



www.BlockchainCommons.com



Christopher Allen (@ChristopherA)