

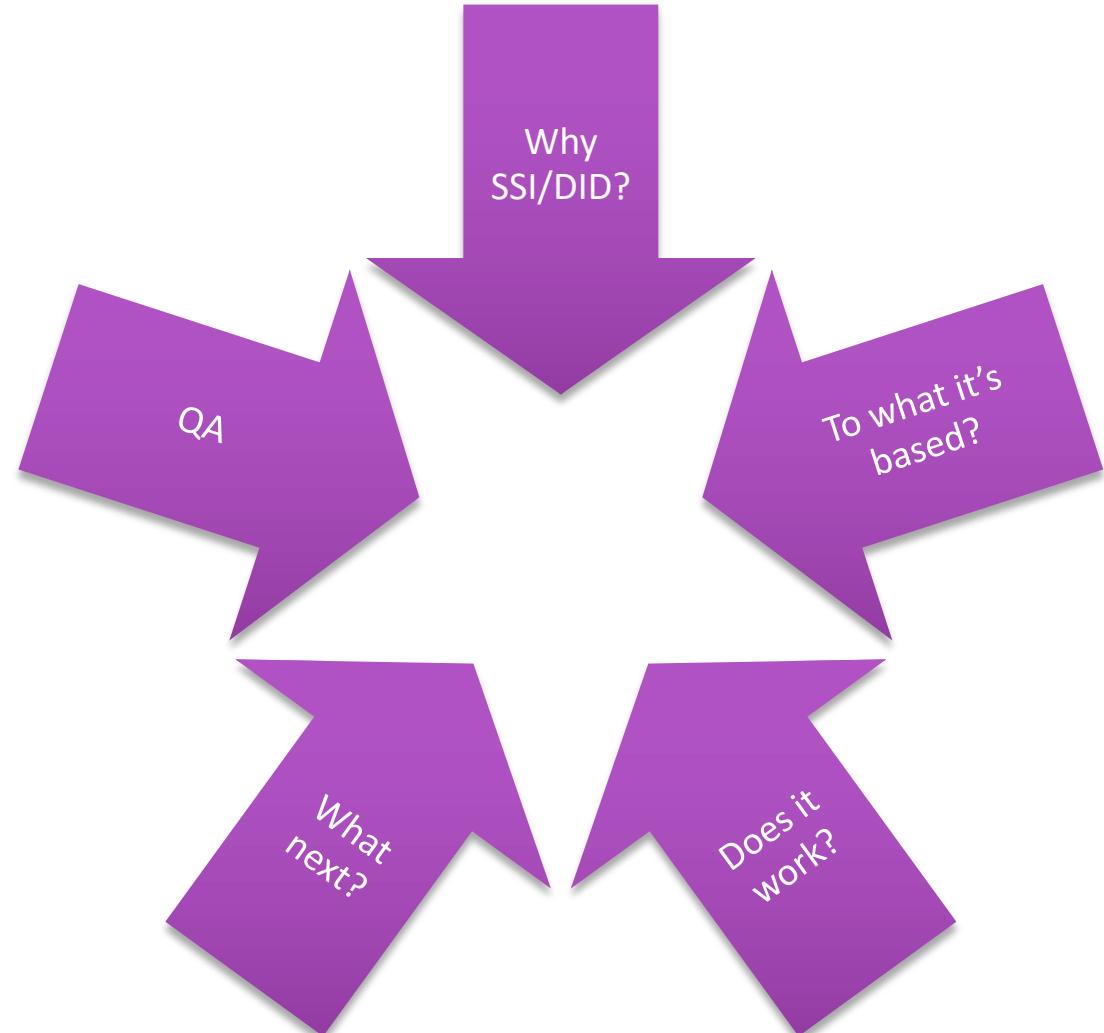
# INTRODUCTION TO SSI

FINDY-AGENT - DECENTRALIZED IDENTITY AGENCY

 @harrilainio

# SELF-Sovereign Identity

<https://findy-network.github.io>



**“** *Self-Sovereignty is the characteristic of every party that it is autonomous in managing and operating its own knowledge, particularly in making decisions and deciding how to decide.* **”**

<https://essif-lab.github.io/framework/docs/terms/self-sovereignty>

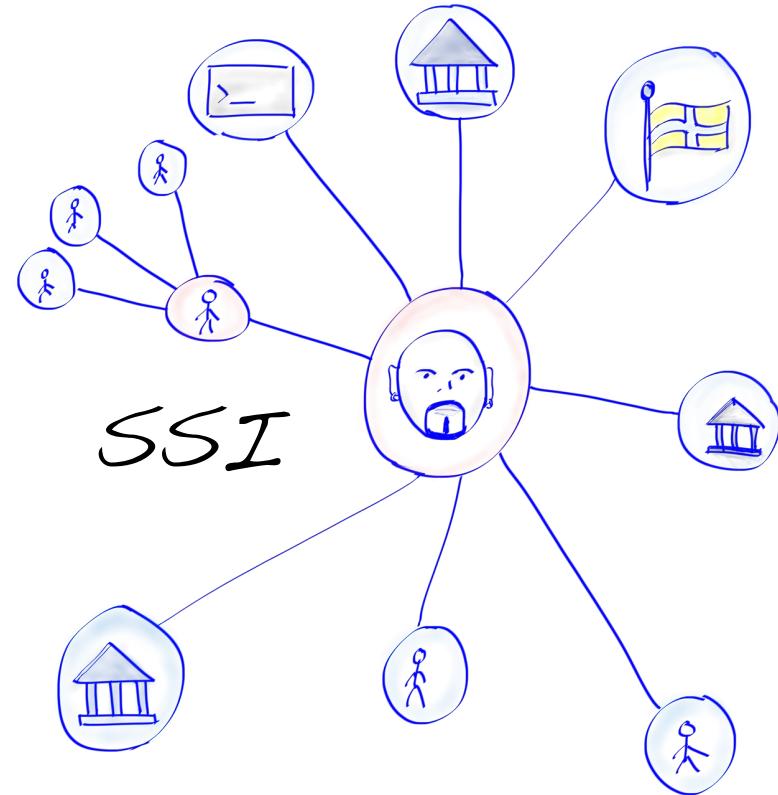
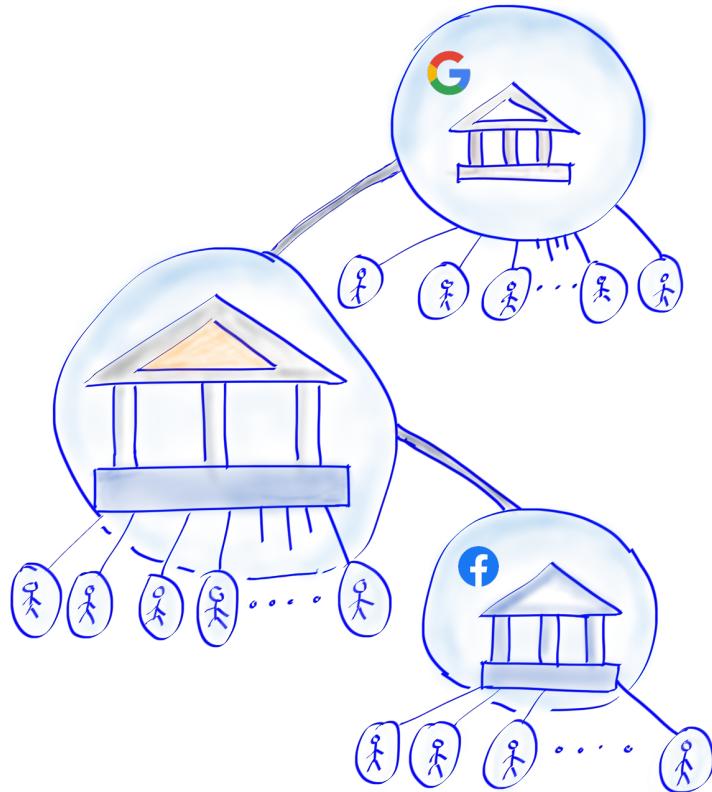
# Self-Sovereignty

## LOWER UNCERTAINTY TO EXCHANGE VALUE

- Institutions to reduce uncertainty
- How to do it without 3<sup>rd</sup> party?



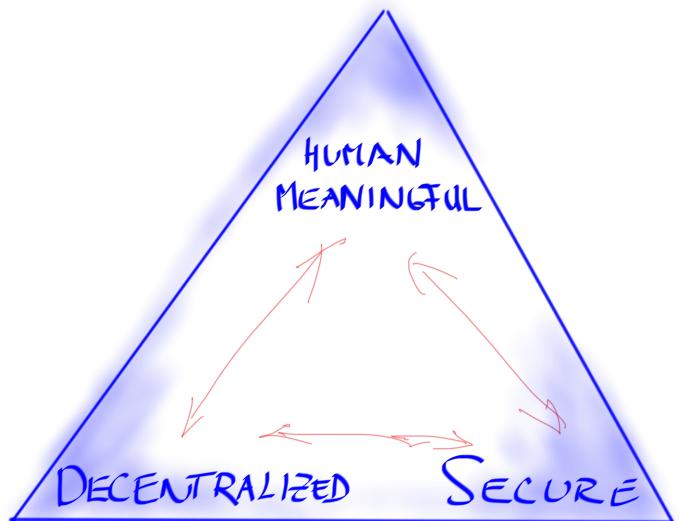
# Federated Identity



# Identifiers

3fsnoknas6agfbynb73mjr2c2d16tyhamu7x4ztic3u55adhkv7tj2cqdl.onion

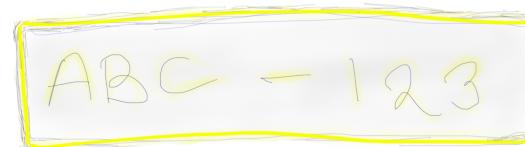
192.168.50.21



Zooko's Triangle



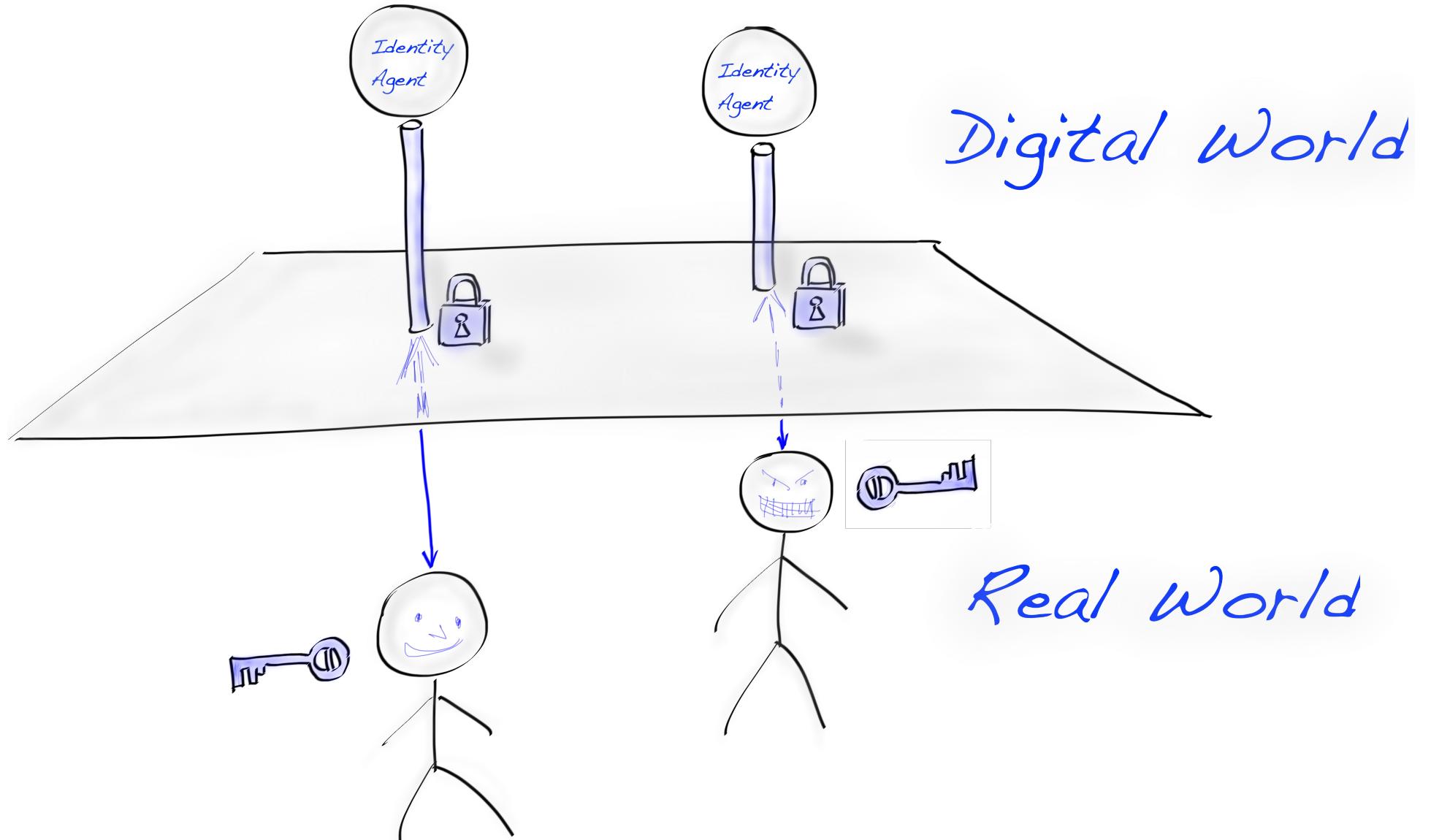
Idea of Using Blockchain

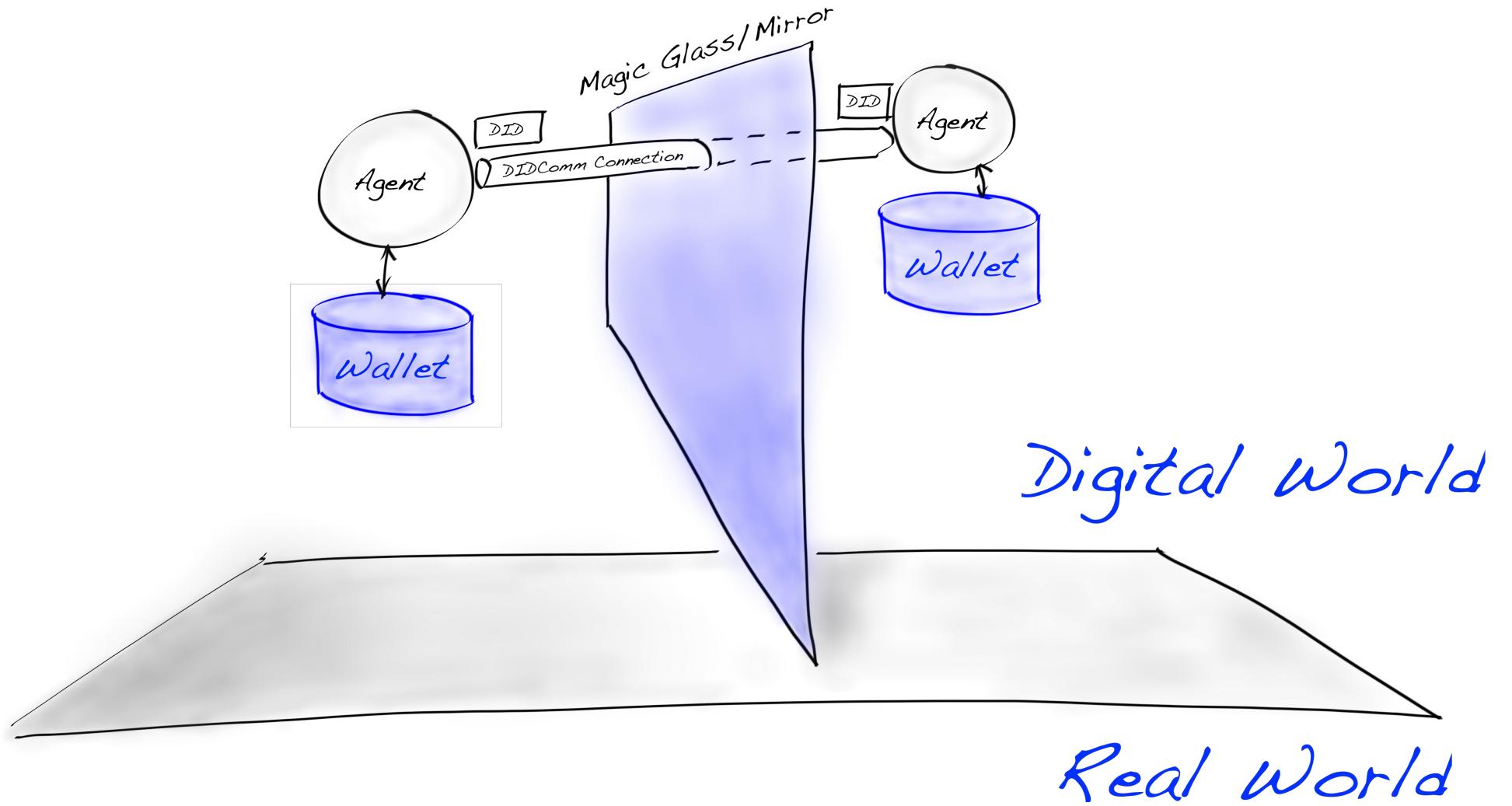


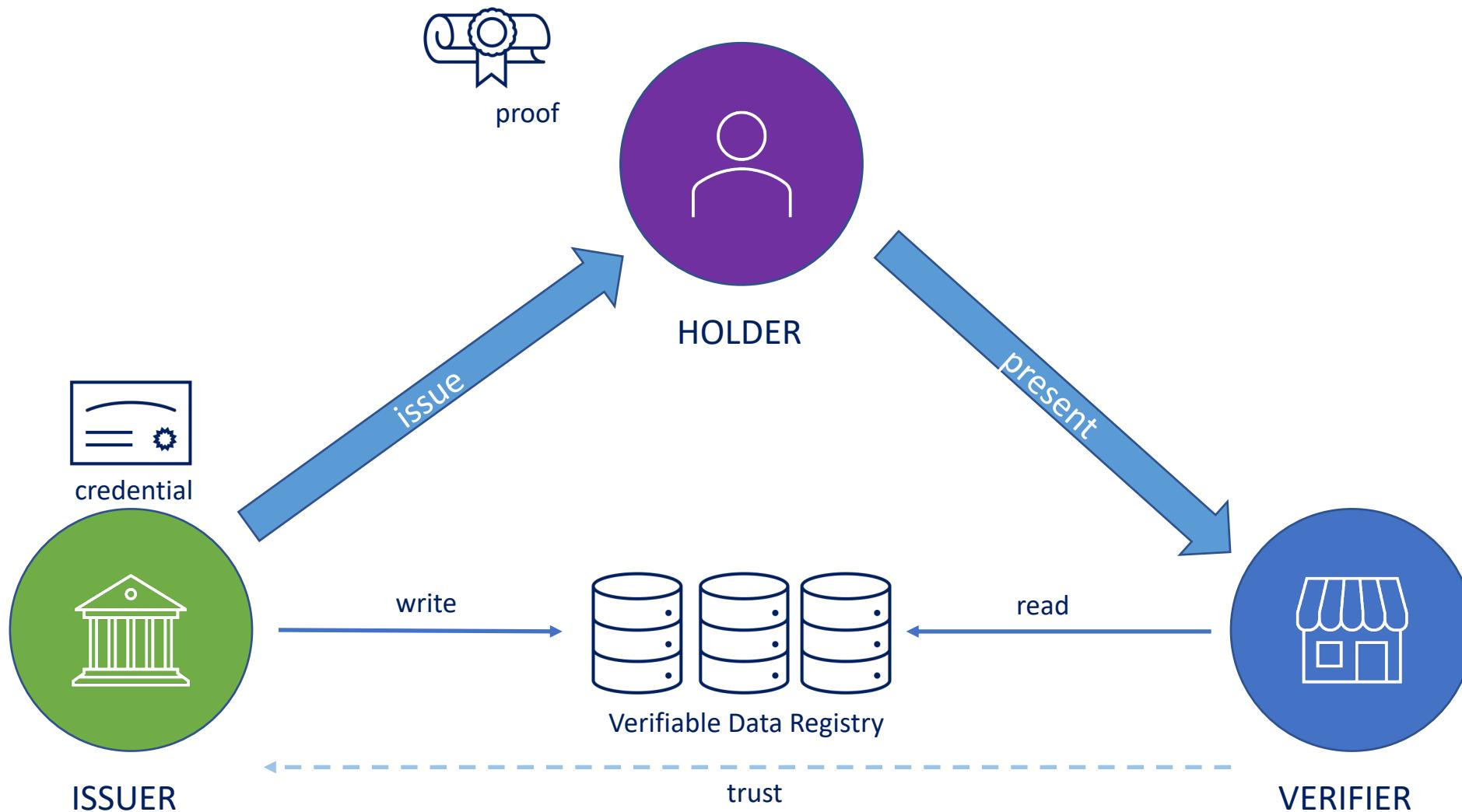
harri.lainio@op.fi

www.op.fi

did:peer:1zQmQSLFWySB3LACeSrUpvM48QN9frMayNHypnsQjk4GhQKG



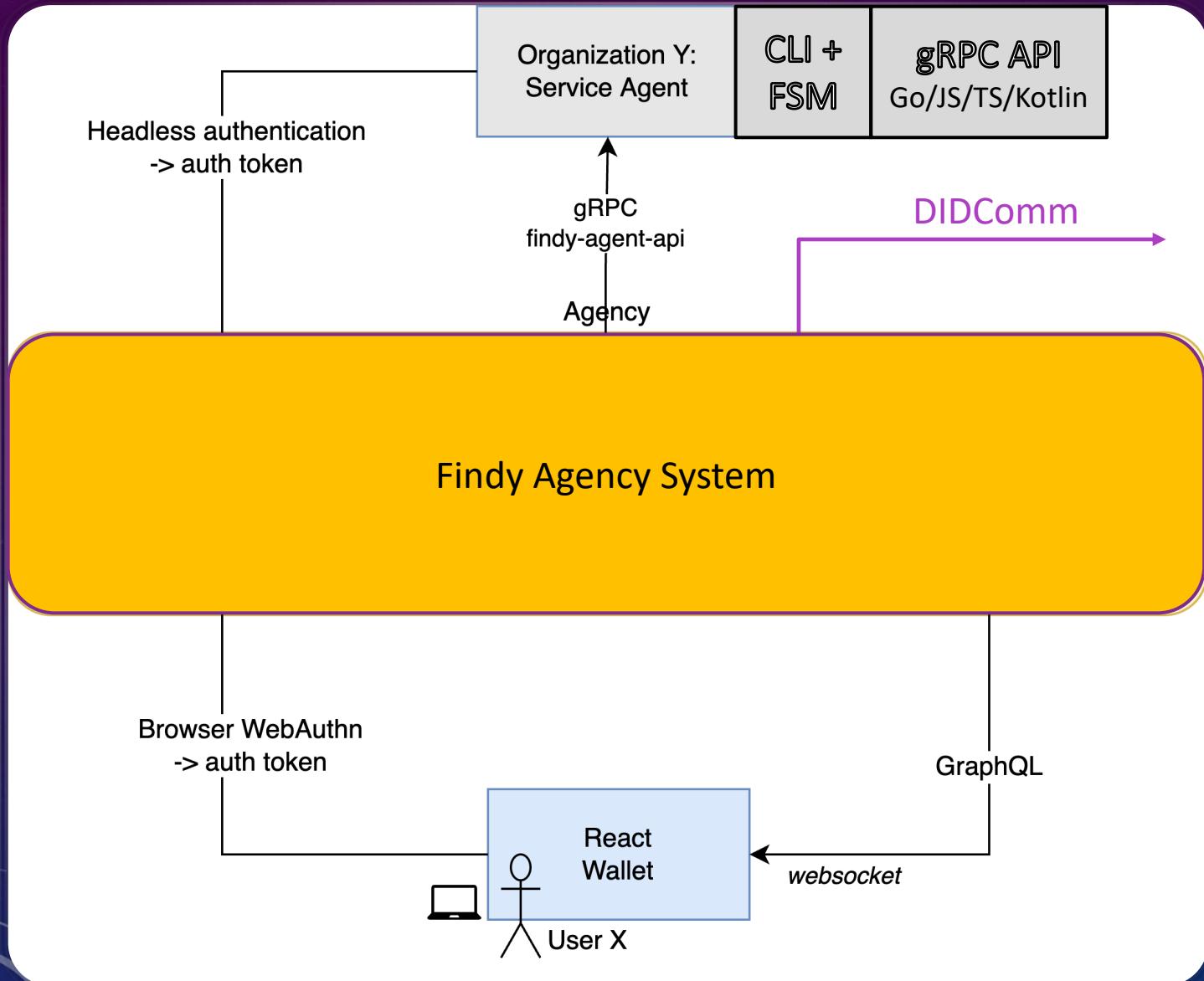




# SSI AGENCY

[HTTPS://FINDY-NETWORK.GITHUB.IO](https://findy-network.github.io)

# FINDY - SSI AGENCY



- FIDO2 Authentication
- JWT Authorization
- gRPC -> polyglot API
- GraphQL
- Mutual TLS
- Containerized
- Go Implementation
- Outstanding Performance
- Standalone Dev Model

# OPEN-SOURCE SOFTWARE

Multi-repos

Well documented

Lots of examples

Docker images are public and available

Batteries included

<https://findy-network.github.io>

The screenshot shows the GitHub repository page for "Findy Agency". The repository has 28 repositories, 3 teams, and 19 people. The pinned repositories are:

- findy-agent**: Lines 28.8k, Public, Go, 11 stars, 1 fork. Description: Aries compatible identity agent service.
- findy-wrapper-go**: Lines 8.8k, Public, Go, 4 stars. Description: Go wrapper for indy-sdk.
- findy-agent-api**: Lines 950, Public, Makefile, 2 stars. Description: Findy agency client API interface.
- findy-agent-cli**: Lines 7.5k, Public, Go, 3 stars. Description: CLI tool for Findy agency.
- findy-wallet-pwa**: Lines 40.9k, Public, TypeScript, 3 stars, 1 fork. Description: Webapp implementation for Findy agency wallet.
- findy-issuer-tool**: Lines 71.1k, Public, JavaScript, 1 star. Description: Test tool for issuing and verifying via Findy agency.

# THANK YOU!

HARRI.LAINIO@OP.FI

<https://findy-network.github.io>

13

