Implementing an Identity Application

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Disclaimers

It’s early days

Tools are changing quickly

Documentation isn’t very polished

We’ll work together, and get unstuck together

Make Your Choices

Protocol Ecosystem: Aries

Features: ZKPs

Network: Sovrin

Language: Python

Issuer Software: ACA-Py

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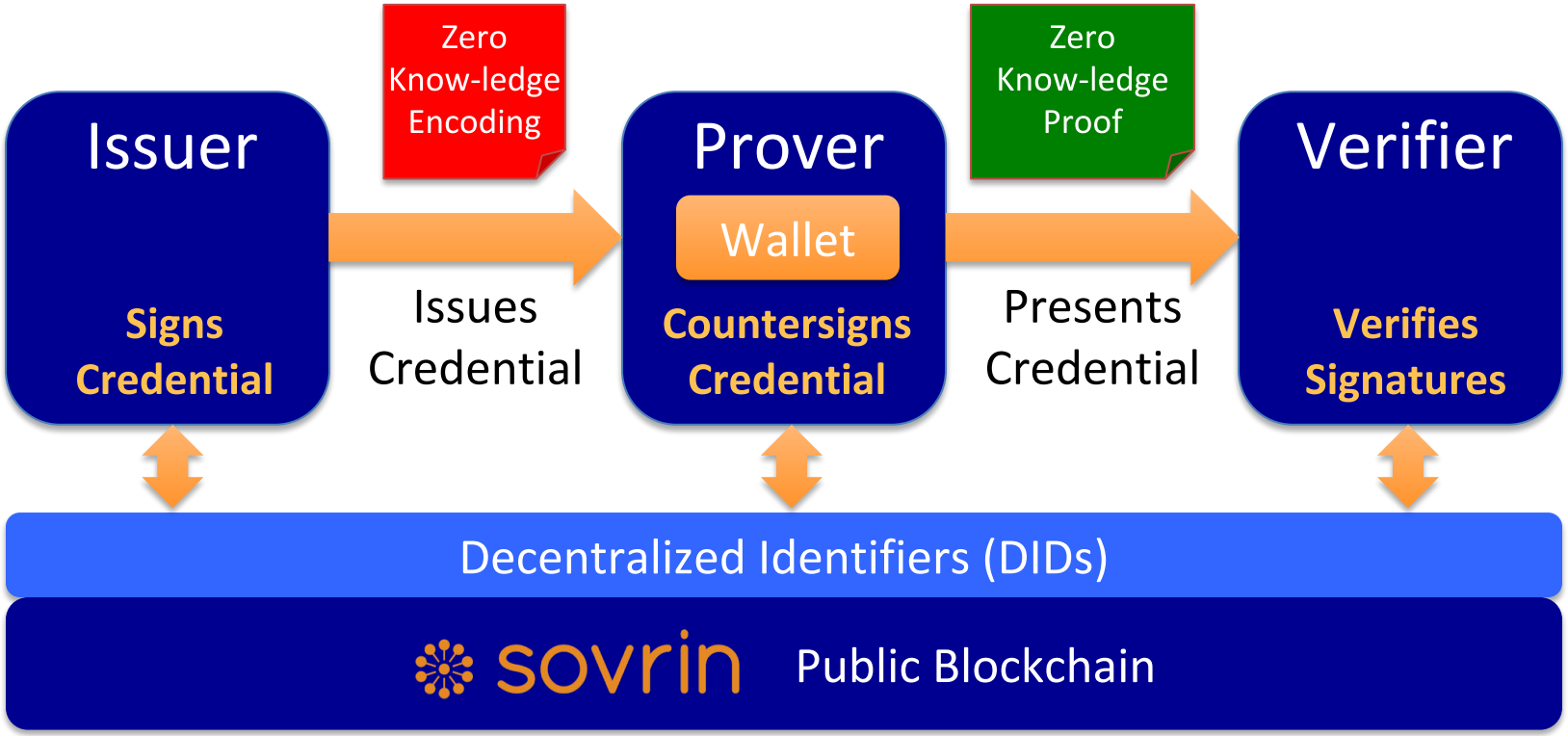
Sovrin Verifiable Credentials Ecosystem



Relevant Projects

HYPERLEDGER

THE LINUX FOUNDATION

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Setup Indy

Install Indy CLI (Debian)

(https://github.com/hyperledger/indy-sdk/blob/master/README.md)

Install the genesis files for Sovrin Builder Net

(https://forum.sovrin.org/t/how-to-access-the-public-sovrin-network/1035)

Generate a DID

Anchor the DID as an issuer

(https://selfserve.sovrin.org)

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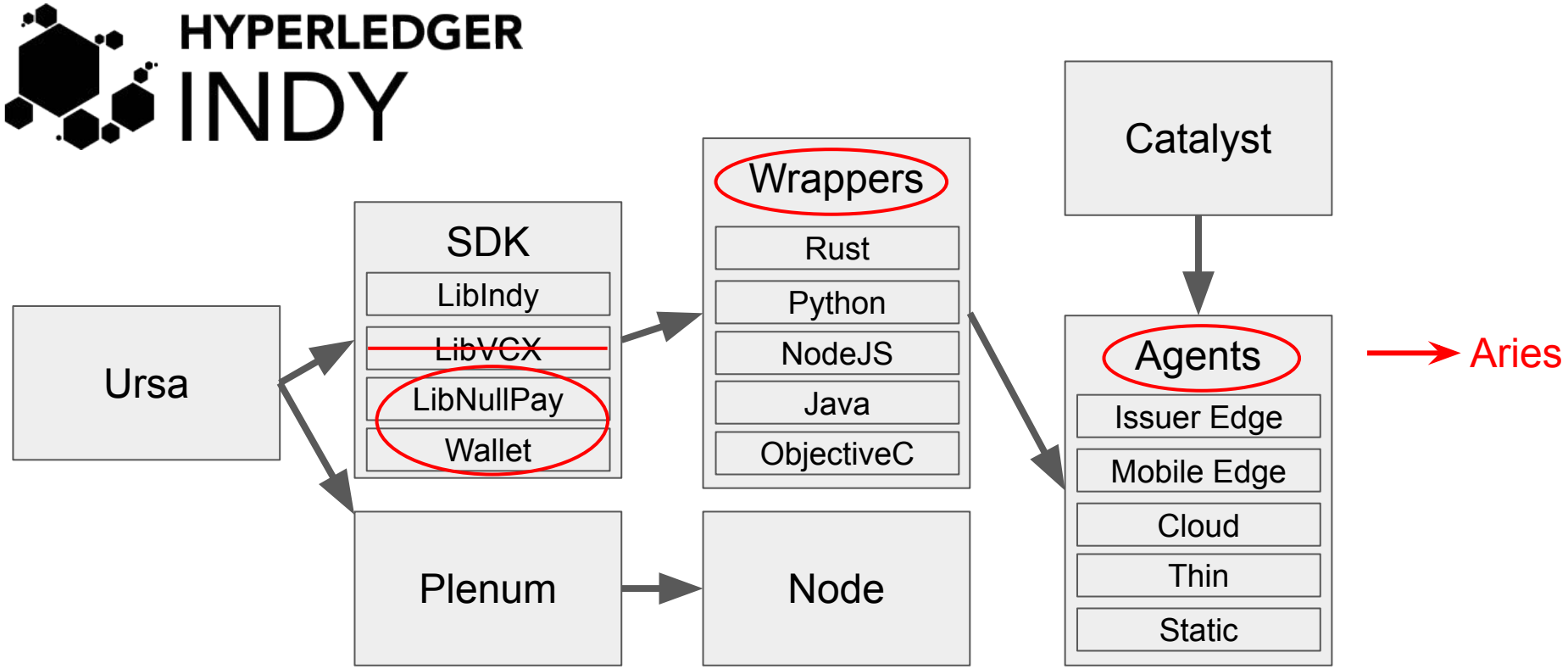
Hyperledger Indy



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Setup ACA-Py

Install ACA-Py (Docker)

Get it to use your issuer DID?

Code the controller

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Design a Credential

Decide on your use case

Select your attributes

Define your Schema

Define your Cred

(Future: define your presentation)

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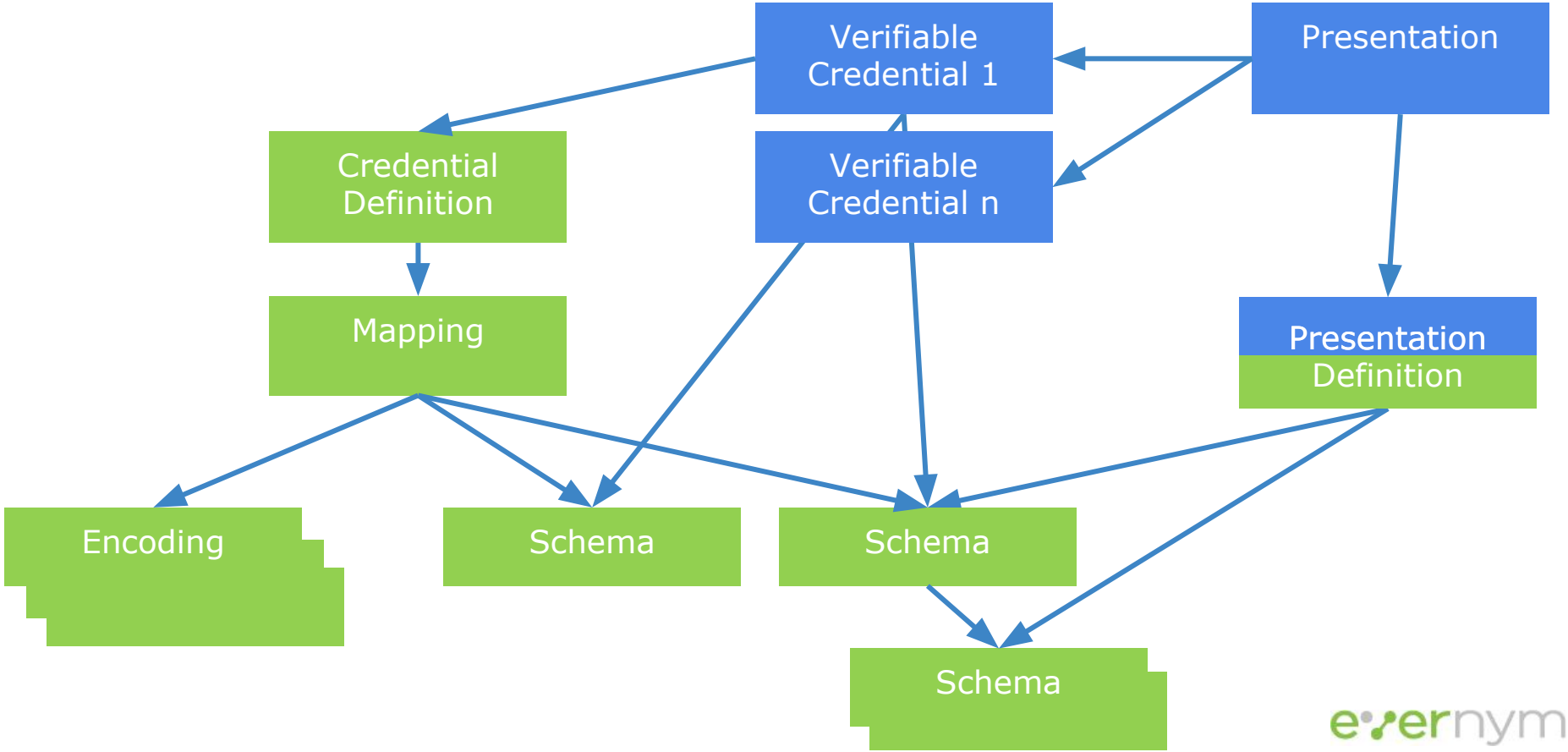
Components of a Credential



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Test

Issue a credential

Verify the credential

Setup Governance

Who is going to issue the credential?

Why will the verifier trust the credential?