SSI Architecture Stack & Community efforts (Rouven Heck, #IIW30)

World Wide Web Consortium (W3C)

DIF – Decentralized Identity Foundation

Hyperledger: Indy, Aries and Ursa (et al.)

'SSI – Architecture Stack

Verified Credentials / Trusted Data Storage & Exchange

- CCG WIs
- OCaps for LD
- VC WG
- VC Data Model
- EDV
- JSON Schema
- Claims and Credentials WG
- JWT VC
- Presentation Exch
- Credential Manifest
- Secure Data Storage WG
- ID Hubs

Issue Credential, Presentation Proof, and other VC Exch in the Aries RFCs

DID Communication (+ subprotocols)

- LD Proofs
- CHAPI

- DIDComm-JS (v2 draft)
- JWM Proposal (IETF)
- DIDAuth WG
- DID-SIOP
- DIDComm v2 WG

DIDComm v1.0 (Aries RFCs)

DID resolution (anchoring / registries)

DID WG
- DID-Core Spec
- Resolution
- DID Spec Registries
- DID:Key
- WebKMS
- DID:Web
- DID:BTCR

CCG

- Ion
- Sidetree WG
- Element
- KERI WI
- I&D WG
- Well-Known DID
- Univ. Resolver
- DID:Peer

Blockchains: Fabric, Indy Ethereum (Besu), …

Crypto Primitives: Ursa

Adjacent Tech- and Data-Governance Organizations:

- Veres One Community Group (W3C)
- MyData.org
- Kantara Initiative
- Sovrin Foundation
- Trust Over IP
- Me2B Alliance