Reimagining Interactions with Absolute Certainty
JOURNEY SO FAR

enabling institutions with easy to use tools, APIs and models to issue, exchange, verify, and revoke tamper-proof credentials.

CORD [PRIVATE, PERMISSIONED] + MARK STUDIO [NO-CODE APP]

4M+ TRANSACTIONS
https://studio.dhiway.com/
1000+ ORGANISATIONS

General Availability from April 2021
represents a portfolio of technologies and approaches that create new possibilities in how we address trust gaps, manage transactions and exchanges of value at scale.
DATA EXCHANGE

- The original issuing entity (the source of the data)
- It was issued to the entity presenting it (the subject of the data)
- It hasn’t been tampered with (the veracity of the data)
- Whether the issuer revoked the credential as of a particular point in time (the status of the data)
DATA TRUST - INTERACTIONS

DATA SOURCE
- STORAGE
- INTEGRITY
- AUDITABILITY

PRIVACY

CONSENT

LINKED ACTIONS
- STATE UPDATES
- PERMISSIONS
DATA LIFECYCLE

SHARE

STATE
PRIVACY
CONSENT

ANCHOR

VERIFY
TRANSACTIONS

Ledger

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Storage

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UNIQUE BY HASH
CONTENT IDENTIFIER

A content identifier, or CID, is a self-describing identifier based on the content’s genesis hash.

IDENTIFIER (BASE32)

bafk2bzacecwvphs5yu7lpay66oksr7tx4ts6q6znldma5cbm53umuq76o6m3i

DECODE

base32 - cidv1 - raw - (blake2b-256 : 256 : AD579E5DC53EB7831EF39528FE77E4E5E87B2D58D80E882CEEEE8CA43FE7799B4)

MULTIBASE - VERSION - MULTICODEC - MULTISHASH (NAME : SIZE : DIGEST IN HEX)
**Ledger**

- **hash**
- **controller**
- **content id**
- **priv. cnt. id**
- **schema**
- **link**
- **permission**
- **status**
- **identifier**

**Storage**

- **Content**
  - metadata
  - data
  - 0xdef

- **Content**
  - metadata
  - data
  - 0xefg

- **Content**
  - metadata
  - data
  - 0xghi

**NO**
- PII ON-CHAIN
- HOLDER INFORMATION
- REVOCATION LIST

**RESOLVE**
- STATE
- STORAGE
- HISTORY
- LINKS

**IMMUTABLE STATE**

**ANY**
- DATA
- STORAGE
- DID METHOD
- FORMATS
- OFF-CHAIN DATA
- SDK

**MUTABLE CONTENT**
DATA EXCHANGE

Minimal Disclosure
Selective Disclosure
Full Disclosure
Actions

INTERACTION

< identifier >

NFC
represents a portfolio of technologies and approaches that create new possibilities in how we address trust gaps, manage transactions and exchanges of value at scale.

- PUBLIC, PERMISSIONED
- NOMINATED PROOF OF STAKE (nPOS)
- MUTABLE CONTENT, IMMUTABLE STATE
- HYBRID CONSENSUS (4-6s FINALITY)
- PRIVACY BY DESIGN
- ON-CHAIN GOVERNANCE
- RESOURCE USAGE BASED FEE
ROADMAP

Q4 21
- CORD v2.0 Alpha Release
- CORD v2.0 SDK Alpha Release
- CORD v2.0 Alpha Network
- Secondary Storage for Metadata
- DID Registry

Q1 22
- CORD v2.0 Beta Release
- CORD v2.0 SDK Beta Release
- Governance Council
- Technical Council
- CORD v2.0 Test Network
- Validators, Registrars & Storage providers

Q2 22
- CORD v2.0 Beta Release
- CORD v2.0 SDK Beta Release
- Governance Council
- Technical Council
- CORD v2.0 Test Network
- Validators, Registrars & Storage providers

Q3 22
- CORD v2.0 Dev Network
- CORD v2.0 Release
- CORD v2.0 SDK Release
- Community Outreach - Partners, Builders, Governance
- CORD v2.0 Production Network

CORD v2.0 Test Network
CORD v2.0 Dev Network
CORD v2.0 Production Network

Community Outreach - Partners, Builders, Governance
THANK YOU

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