Identity Relations in the wild:
DID and SSI
Principles
(laws, design goals, …)
Opinion
Principles, laws and goals

Design principles of IRM  The Kantara Working Group on IRM

Design goals and principles of DID  W3C Community report draft

Principles of SSI  Christopher Allen

Laws of Identity  Kim Cameron
Design Principles of IRM
(Identity Relationship Management)

Provable
Constrainable
Mutable
Revocable
Delegable
Scalable
(Contextual)
(Actionable)

https://kantarainitiative.org/kantara-initiative-unveils-design-principles-irm-report/
Design [...] principles of DID

Decentralization
Self-Sovereign
Privacy
Security
Proof-Based
Discoverability

Interoperation
Portability
Simplicity
Extensibility

https://w3c-ccg.github.io/did-spec/
Principles of Self-Sovereign ID

Existence
Control
Access
Transparency
Persistence

Portability
Interoperability
Consent
Minimalization
Protection

The Laws of Identity

Control & Consent
minimal disclosure
justifiable parties
directed identity

pluralism
human integration
consistent experience

https://www.identityblog.com/?p=1065
What do they have in common?
What do they have in common?
'Universal Principle Names'

...for a completely different story...see my other sessions during this week!
An Approach to normalization

Proof
Consent
Mutable
Portability
Delegable
Scaleable
Actionable
Contextual

Availability
Transparency
Persistence
Interoperation
Minimalization
Security

Simplicity
Extensibility
Directed Identity
Human Integration
What do they have in common?
Lonely wolves
Decentralized IDM
(aka Relationship Manager)

Human Integration
Availability
Extensibility
Scalability
Actionable
Mutable

(Directed Identities are uni/omni-directional)
(Context is everywhere)

Icons 'designed by Freepik'
Please pay attention to...
Decentralized Identity Management

Hmm, your search doesn't have enough data to show here.
Please make sure that everything is spelled correctly, or try a more general term.
Where are we, honestly?

https://pics.me.me/of-optimist-pessimist-realist-physicist-surreal-relativist-er-utopian-29109963.png
Point of view
7 Principles of DIDM

- **Human Integration**
  - The human being, its fundamental rights and fundamental faults must be seen as an explicit and integral part.

- **Availability**
  - The given functionality needs to be provided even when some of the actors or components are not available.

- **Extensibility**
  - The solution must be able to be adaptable to new, currently unknown demands and to be connected to already available infrastructures and procedures.

- **Scalability**
  - A DIDM needs to have a theoretical unlimited scale.

- **Actionable**
  - DIDM Systems must enable and enforce actions based on authorizations and obligations.

- **Mutable**
  - The mutability and/or imutability of relations and entities must be respected.

- **Semantical**
  - Any entity (which includes everything by definition) must be described in a semantical way to enable human/machine interaction.
Thank you.

Dear Optimist, Pessimist, and Realist,

While you guys were busy arguing about the glass of water, I drank it.

Sincerely,
the Opportunist

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