

RDA and Community -Expectations (FAIR, TRUST, ...)

Use of RDA Outputs as Specifications: Repository

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Positive Outcomes - RDA

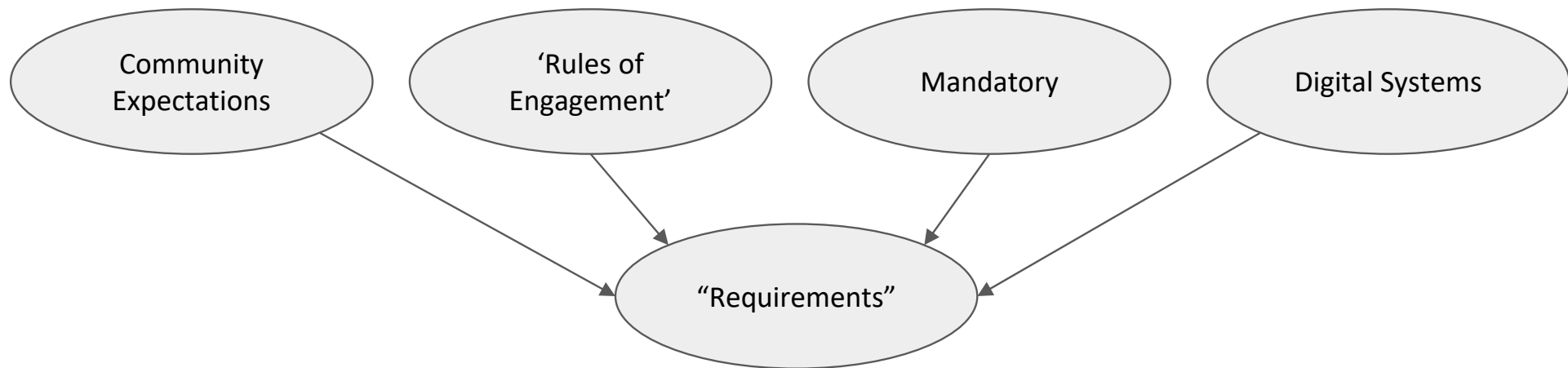
1. Global Expert **Consensus** and **Validation**
2. Documenting and Collating **Community Expectations**
3. **Solidifying** Recommendations, Best Practices, Guidance
4. Organically/ Genetically **Emerging Architecture**
5. Agreeing **Design Patterns** and **Standards**

Positive Outcomes - RDA

1. Global Expert **Consensus** and **Validation**
 - a. [Compliance](#) - TRUST
2. Documenting and Collating **Community Expectations**
 - a. TRUST and [CoreTrustSeal](#) Criteria
 - b. [FAIR](#) Maturity
 - c. [CARE](#)
3. **Solidifying** Recommendations, Best Practices, Guidance
 - a. [Metadata Crosswalks and Registries](#)
4. Organically/ Genetically **Emerging Architecture**
 - a. Research Data [Repository Interoperability](#)
5. Agreeing **Design Patterns** and **Standards**
 - a. Foundational and Common [Data Query Vocabulary](#)

Community Expectations

This is a significant aspect of repository infrastructure roadmaps and technology planning: without some consensus on current and future requirements, it is near impossible to align our technology planning with the direction community expectations. We regards summaries such as TRUST, FAIR, and CARE as prime examples of such community expectations.



DANS Collects Inputs, Including Community Expectations, Into Formal Versioned Requirements Statements

Systems Engineering

CTS Certification Compliance

Summary	DANS requires policies, contractual arrangements, procedures, support documentation, and system capabilities to enable certification as a trustworthy repository.
Audience	
Status	Draft

Date	Authors	Description	Version
01-11-2021	W Hugo	Inception	0.1
12-11-2021	W Hugo	Elaboration	0.2

The Inputs Have Generic Implications

- Strategic/ Management/ Policy
- Contractual
- Procedural
- Support Documentation
- Use Cases
- Architecture and Specifications
- Roles and Responsibilities
- Repository
- Researchers
- Research Institutions
- Cyberinfrastructure
- Funders
- General Public

A.2.3 R2 - Licenses

#	Element	Description	References
G.1.2.A.2.3.01	Criterion	The repository maintains all applicable licenses covering data access and use and monitors compliance.	[2]
G.1.2.A.2.3.02	List	A list of licenses in use must be provided	[2]
G.1.2.A.2.3.03	Selection	Selection of an appropriate license must be possible, and the applicability of the license must be tested in relation to the sensitivity of the data	[2]
G.1.2.A.2.3.04	Rights	The right of the depositor to publish the work and to select a license needs to be confirmed	[2]

B. Strategic, Management, and Communication Impacts

#	Element	Description	References
G.1.2.B.01	Product and Service	DANS needs to confirm the types of curation and type of repository that they associate with each product and	G.1.2.A.2.1.01

G.1 Ingest and Pre-Publication Use Cases

#	Element	Description	References/ Satisfies
G.1.2.G.1.01	Workflow	Ingest and pre-publication requires a workflow specification and implementation that aligns with the states present in four interrelated sources: <ol style="list-style-type: none"> 1. OAIS-RM Functional Entities 2. Sword 2.0 protocol states 	G.1.2.A.2.1.04 G.1.2.A.2.1.07

But ...



“If you don't know where you are going any road can take you there”

– Lewis Carroll, *Alice in Wonderland*

RDA is too large for any individual or even institution to cover and distill successfully

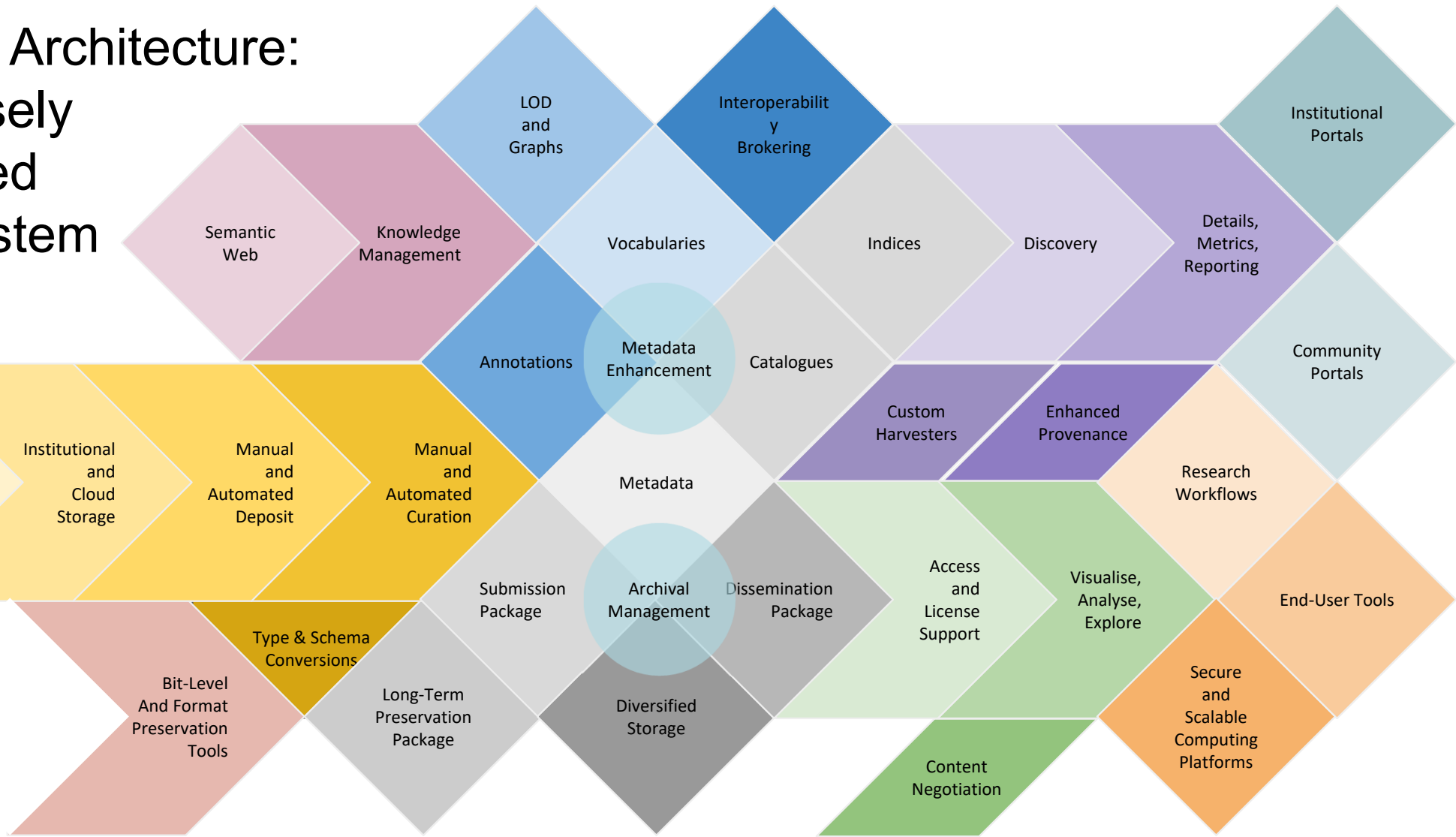
RDA is large enough to allow any number of directions to co-exist, moderated by the TAB.

This is both a positive and negative characteristic:

- Allows ‘genetic’ movement towards more ideal solutions
- Costly and confusing, possibly divergent

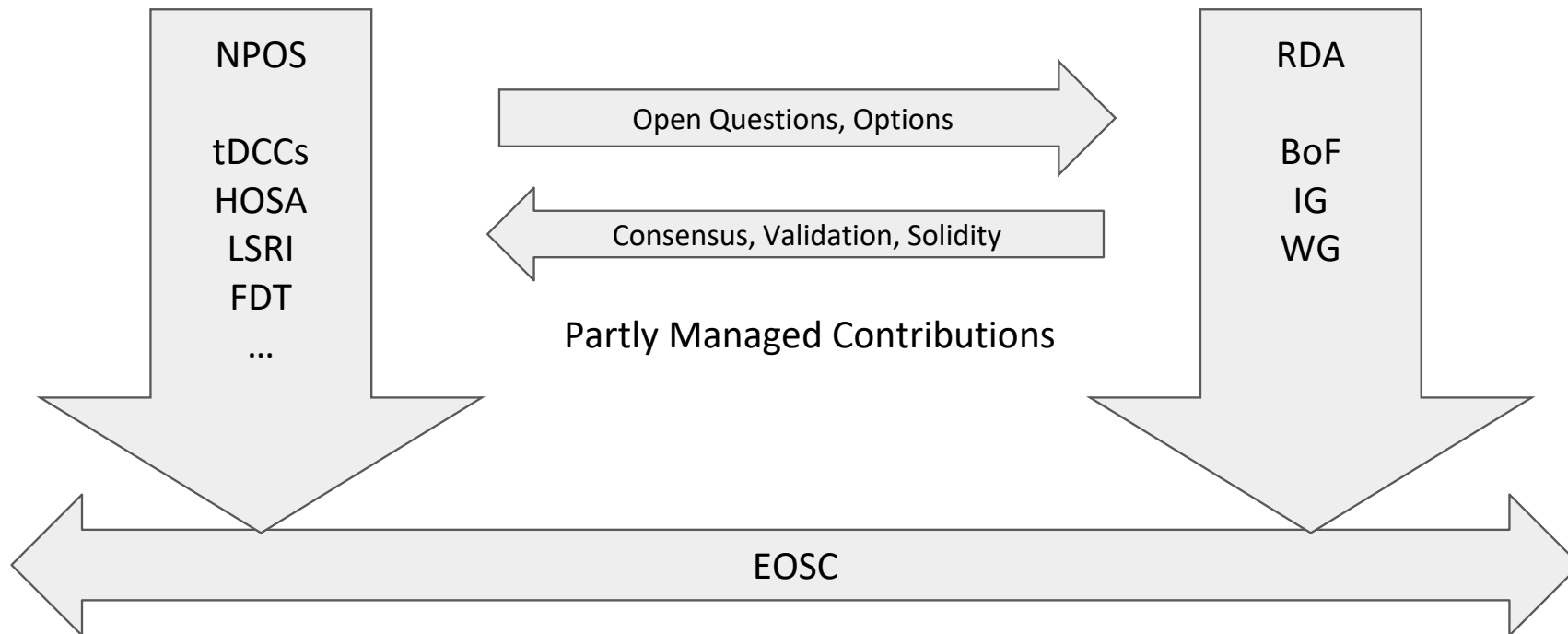
*No change to RDA, but **collective action** as opposed to individual action.*

Future Architecture: A Loosely Coupled Ecosystem



Some Advantages of a Local RDA Collaboration

1. National Agreement on Architecture Options and Open Questions
2. Improved Coverage and Translation
3. Coordinated Participation in EOSC (e.g. Task Forces)
4. Co-Development of Use Cases, Specifications
5. Co-Development of Running Code and Reference Implementations



Discussion

RDA Recommendations

- Current Involvement and Experience
- Thoughts on Coordinated NL Participation
- Any other ideas or perspectives