Unpacking the structures of radical interdependence

The experience of the Data Curation Network

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Who has worked on a **collaborative project** to build infrastructure or services?

How many of you have worked on a collaborative project that **failed or did not live up to its potential**?
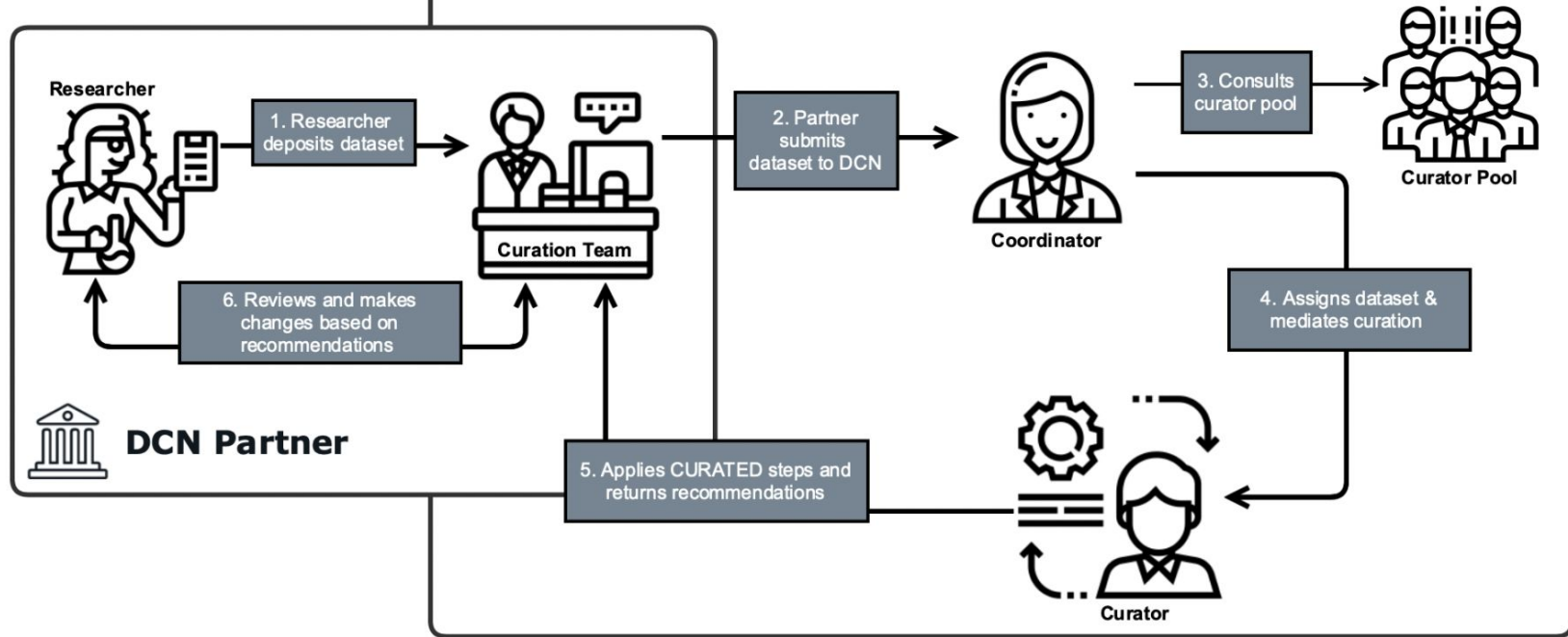
DATA CURATION NETWORK

Researcher

1. Researcher deposits dataset

Curation Team

2. Partner submits dataset to DCN

Coordinator

3. Consults curator pool

Curator Pool

6. Reviews and makes changes based on recommendations

4. Assigns dataset & mediates curation

DCN Partner

5. Applies CURATED steps and returns recommendations

Curator

DCN provides the "human layer" in the local technology stack

Data Repository Platforms
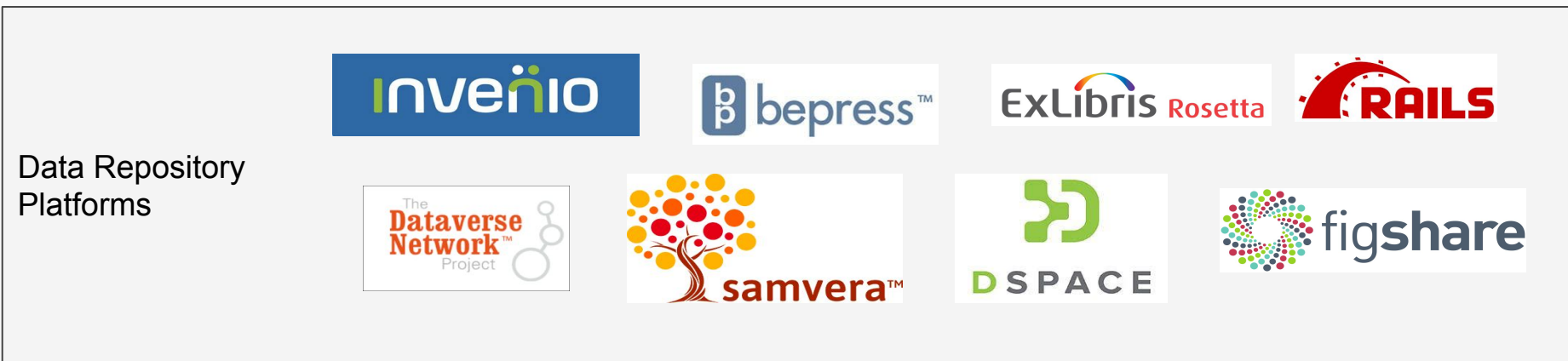
Shared workflow across DCN institutions

DCN CURATE Workflow

C Check files and metadata

U Understand and run files

R Request missing information

A Augment metadata

T Transform file formats

E Evaluate for FAIRness
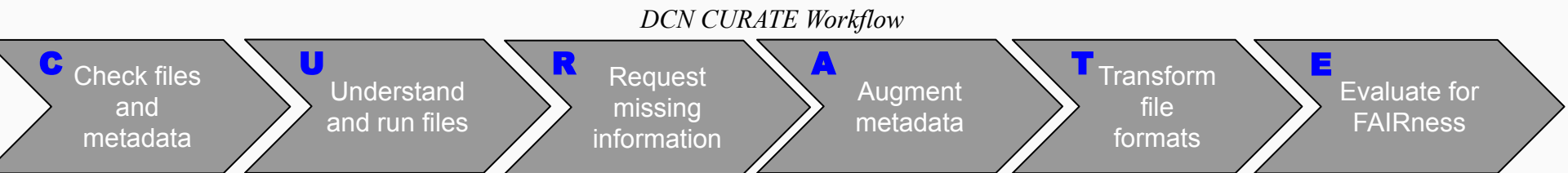
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Some of our successes…

Hands-on training

Data Curation Primers

Shared curation workflow

Community of practice
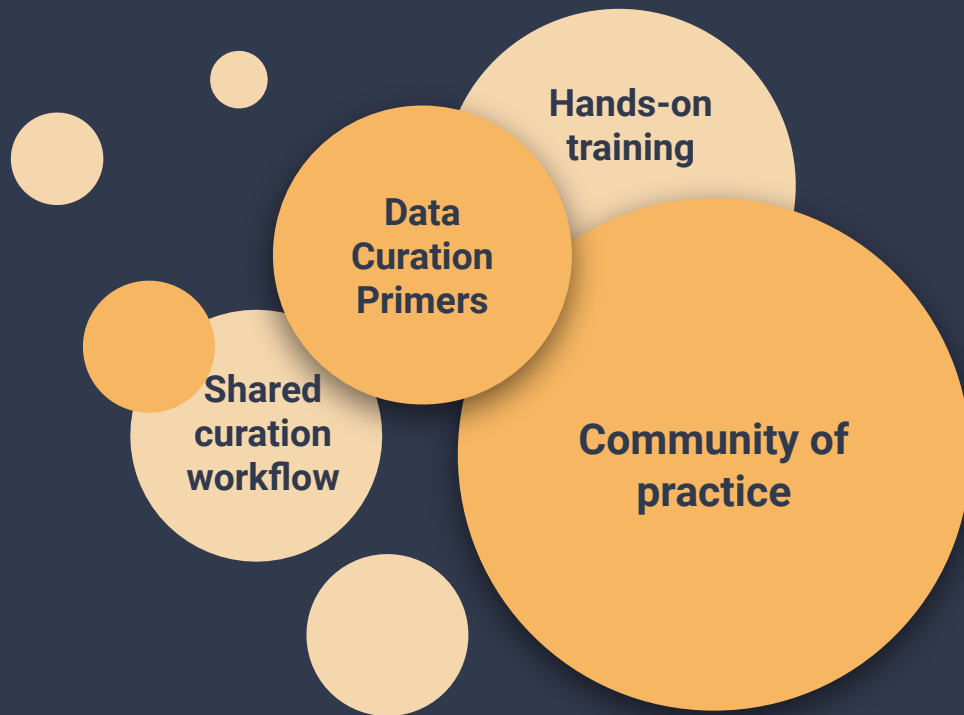
…full report coming soon!

Towards Sustainability

Planning Phase Grant		Implementation Phase Grant			Sustaining the DCN
6 partners → 8 partners		→ 10 partners	→ 12 partners		→ Steady growth
2016	2017	2018	2019	2020	2021
Research and planning	**Model published**	**Launching the Network**	**Data Curation Network goes live Jan 1, 2019 with 10 partner institutions!**	**Assess and Adjust**	**Transition to membership model**
• Researcher focus groups "Most important curation activities" • Pilots • Comparison of curation workflows • Fiscal models	*(2017) A cross-institutional staffing model for curating research data. IJDC 13(1)*	• Hired 1FTE coordinator • Trained first curator cohort • Put technology/ workflows into place.		• Special interest groups • Research value of curation • Sustainability planning	• Establish membership model • Launch Governance Board

| Wednesday March 9, 2022	
12:00 - 12:30 PM	**Lunch -** Catered in room (sandwiches/salad//beverages)
12:30 - 1:15 PM	**Welcome Session (30 m)** - Introductions - Goals for the meeting - Process/ground rules for this meeting - Code of conduct
1:15-2:30pm	**Breakout #1 Taking the 10,000 foot view** - What are academic researcher needs in the da - Who is actively trying to find solutions for these
2:30 - 2:45	**Break**
2:45 - 4:30	**Breakout #2 DCN Success** - What successes has the DCN had? What rese solved and what impact has that made? - How did we accomplish these successes? Wh
4:30 - 5:00	**Defrief JamBoard and Round Robin**

Radical interdependence is more than cooperation −

- It's depending on others **outside of your organization** to "do the work."

- It's about trust, vulnerability, and accountability, not from a punitive perspective, but from an intrinsic desire to show up for and serve one another based on **clear expectations, commitments, and the shared goal of advancing the field.**

- It's about pooling our resources, our knowledge, and our interests, to better accomplish our work and **advocate for the role of data curators**.

- It's about recognizing the **interconnectedness** of the work we are all doing.
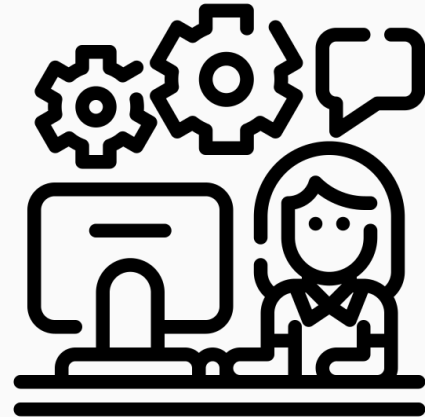
DCN Collaborative Structures
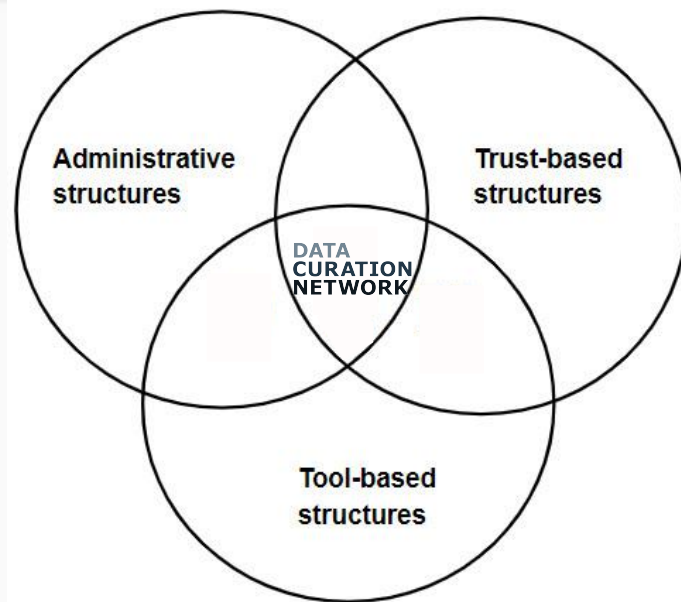
Administrative Structures

Tools that enable the organization to develop and operate as a collective
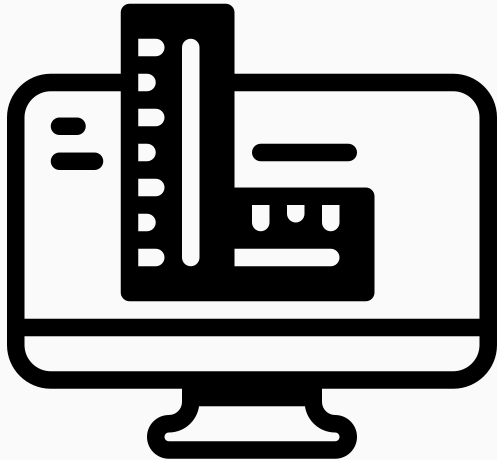
Administrative Structure Examples

- Grants funding
- Shared governance model
- Full-time project personnel
- Consistent curator on-boarding

Tool-based Structures

Tools that enable the organization to function on day-to-day basis

Tool-based Structure Examples

- Collaborative office tools
- Workflow management system
- Educational materials– DCN Primers and Workshops
- DCN Website

Trust-based Structures

Structures that required, fostered, and sustained trust among members

Trust-based Structure Examples

- All Hands Meetings
- Special Interest Groups
- Code of conduct
- Collaboratively developed mission, vision and values
- Shared leadership and collective ownership

Discussion

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What collaborative structures (tool, admin, trust) worked for you?

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What are some ways to inject these structures into your next project?

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