



národní
úložiště
šedé
literatury

Project ReShare

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2019

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An open, community-owned, resource sharing solution

**16th IFLA ILDS Conference | 9 - 11 October
National Library of Technology | Prague, Czech Republic**

Nora Dethloff | University of Houston Libraries

Ian Ibbotson | Knowledge Integration

Kristina Rose | NYU Libraries

Sydney Thompson | NC State University Libraries



Resource Sharing

collaborative, innovative
creative, resourceful

Vision for Resource Sharing

Big Ten Academic Alliance: A Vision for the Next Generation Resource Delivery

- “...the discovery to delivery process is fragmented with too many services and options presented to patrons.”
- “Access and delivery options should be communicated in terms that matter to the patron...”
- <https://www.btaa.org/library/discover-to-deliver/reports>

ReShare - A Working Vision:

The resource sharing community holds the power and tools to improve patron services, meet users needs, and collaborate effectively with user-focused, system-agnostic solutions supporting the research life cycle.

Today's Resource Sharing Landscape

- Prioritizing library space for patrons = Reduced shelf space for books
- Tight materials budgets
- The “collective collection”
- Legacy systems and workflows
- Shared print initiatives / Print retention initiatives
- Increased reliance on sharing for print / returnable items

Our Challenges

- User Experience
 - Problematic discovery - availability / loanability, turn-around time expectations
 - Multiple user accounts across systems
 - Communication & expectation setting
- Sharing across consortial boundaries, even with multiple consortial citizenships
- Interoperability
- Market consolidation -- Less choice, fewer truly vendor neutral solutions, lack of agency
- Need for a modern approach

Mission

Develop and support a library resource sharing community and open source software that fosters innovation and focuses on user needs.

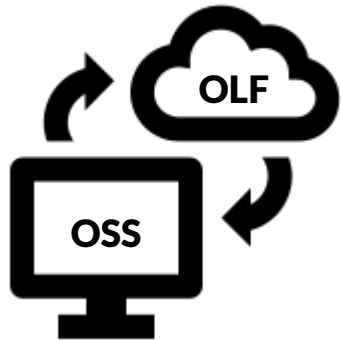
Priorities

1. Discovery and delivery are independent, flexible
2. Break down barriers between consortia and systems
3. Put the patron in the center
4. Maximum interoperability
5. Libraries own their infrastructure, usage and bibliographic data

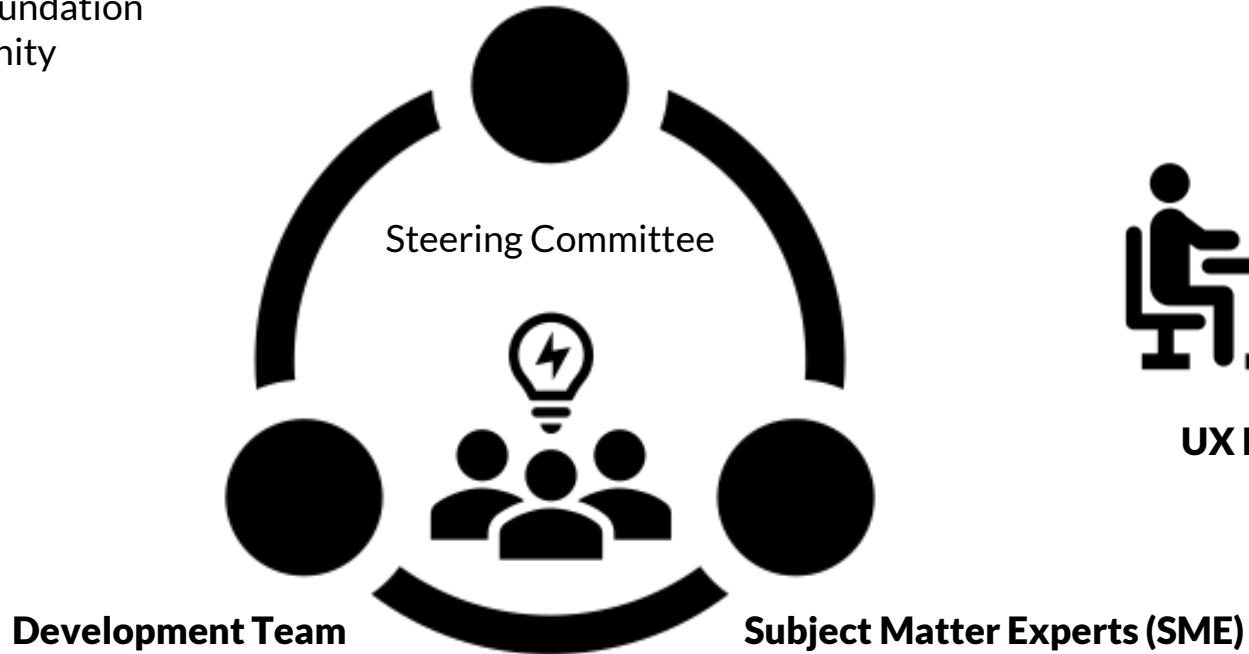
**Your organization should not bend to the app,
the applications should be flexible enough to fit the organization.**

A Community-owned Solution

An Open Library Foundation
(OLF) Community



Product Management Team



UX Experts



Project Governance & Team Members

Steering Committee

Lynn Bailey	Index Data
Lisa Croucher	TRLN
Nora Dethloff	University of Houston
Scott Garrison	MCLS
Sebastian Hammer	Index Data, ReShare architect
Ian Ibbotson	Knowledge Integration
David Larsen	University of Chicago
Brian Lin	The Alberta Library
Tim McGeary	Duke University
Anne McKee	GWLA
Jill Morris	PALCI - ReShare SC Chair
Kurt Munson	Northwestern University
James Robinson	PALCI
Sydney Thompson	NC State University
Kristen Wilson	Index Data
Michael Winkler	Open Library Foundation
Stephanie Wright	Mozilla Foundation
Joe Zucca	University of Pennsylvania

Product Management Team

Nora Dethloff	University of Houston
Ian Ibbotson	Knowledge Integration
Allen Jones	The New School
David Larsen	University of Chicago
Brian Lim	The Alberta Library
Kurt Munson, Convener of PM Team	Northwestern University
Kristina Rose	New York University
Sydney Thompson	NC State University
Kristen Wilson, Project Coordinator	Index Data





Project Governance & Team Members

Lead Developers and UX Experts

Samhaeng UX

Filip Jakobsen,
Stephanie Espiand,

Index Data

Kristen Wilson
Mike Taylor
Charlotte Whitt

Knowledge Integration

Ian Ibbotson

Subject Matter Experts

Emily Batista

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Jessica Dolen

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Audrey Farch.

Hilary Fredette

Geneva Holliday

Lashanda Howard-Curry

Allen Jones, Convener

Demian Katz

Andrea Loigman.

Kurt Munson

Mia Partlow

Mike Paxton

University of Pennsylvania

Yale University

University of Pennsylvania

Strathcona County Library

University of Minnesota

Southern Alberta Institute of Technology

West Virginia University

UNC Chapel Hill

University of Chicago

The New School

Villanova University

Duke University

Northwestern University

NC State University

IUPUI

Austin Smith

Ruth Tillman

Kristin Walker

Lan Yang

University of Maryland


Penn State University

UT Austin

Texas A&M

Timeline Overview

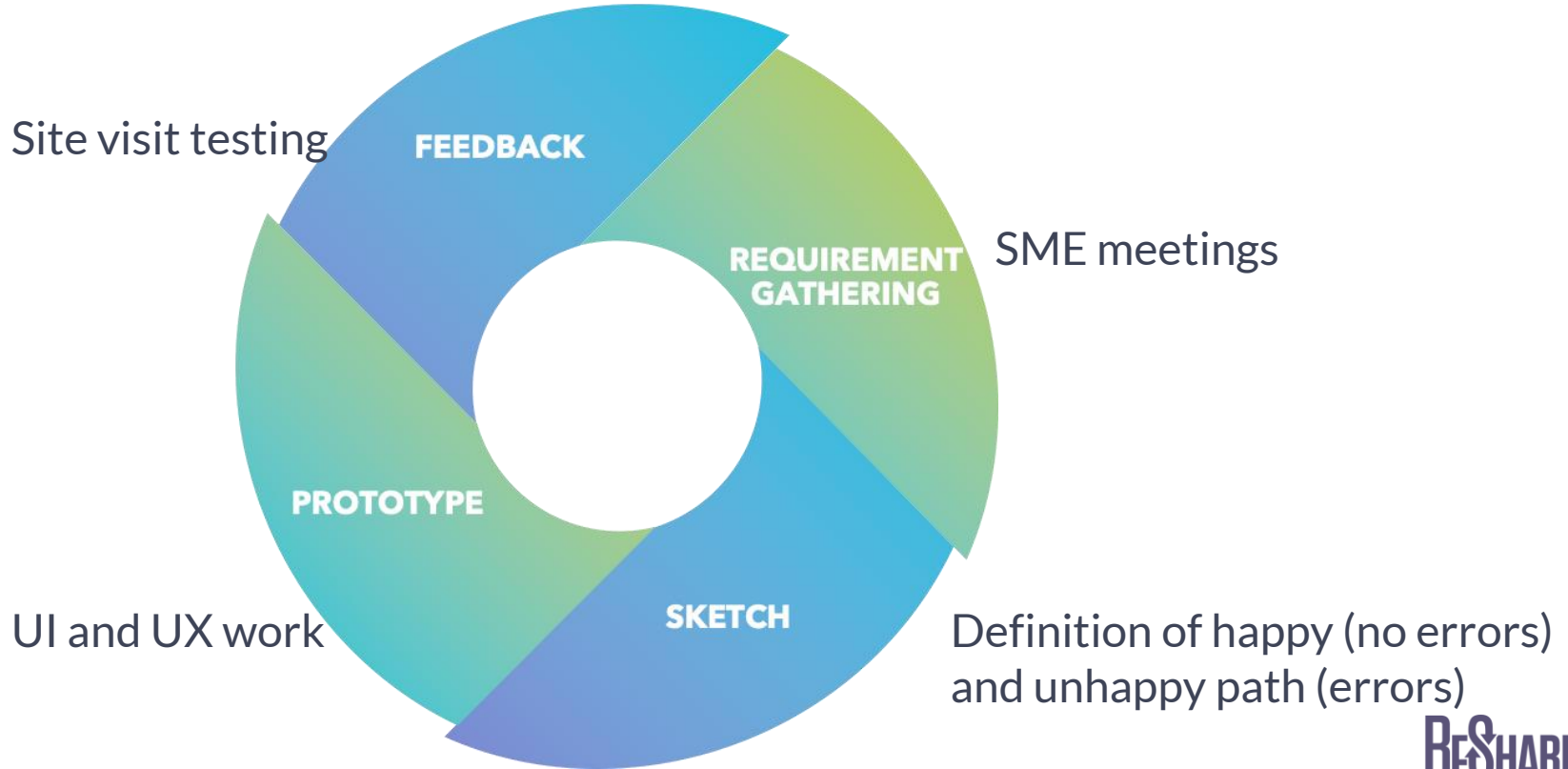
Phase	Description
August 2018	ReShare Steering Committee Formed, Requirements + UX Began
Spring 2019	Mockups & Library Directory Application
Summer 2019	Working Prototypes
Fall 2019	Alpha Release
Spring 2020	Beta Release
Spring 2020	Software Testing/Pilots
Summer 2020	ReShare 1.0 Release / Launch

DRAFT Roadmap (High level features overview)	Discovery (optional)	Request	Supply	Directory	Consortia	Shipments
Fall 2019 Alpha Release Fulfillment of Returnables	Shared Index harvest and ingest with Staff UI; Match, Cluster w/Gold Rush algorithm	OpenURL SSO ILS integrations (Alma, Aleph); Book slips Error handling	Complete supply request ILS Integration w/Alma and Aleph; Pullslips + Bookbands; Error handling	Centralized directory	Consortium profile viewable	
Spring 2020 Beta Release	Native ReShare discovery tool; Store availability status	Web form Staff interface Comments Communication Scan app ILS integrations	Scan app; Communication w/requester; Comments	Metadata supporting Beta	Advanced request routing by tiers/pods	Track shipments; API integration
Summer 2020 1.0 Release	Integration w/local library discovery tools	Patron account loads; Integration w/ILLiad; ILS integrations	Conditional Responses; ILS Integrations	Metadata supporting MVP		
Post-MVP	Share across multiple consortia	Routing rules; Non-returnables	Routing rules; Non-returnables			

RESHARE

Prototypes & Apps

Process





Check out



38 remaining requests

[View requests](#)

Scan item barcode

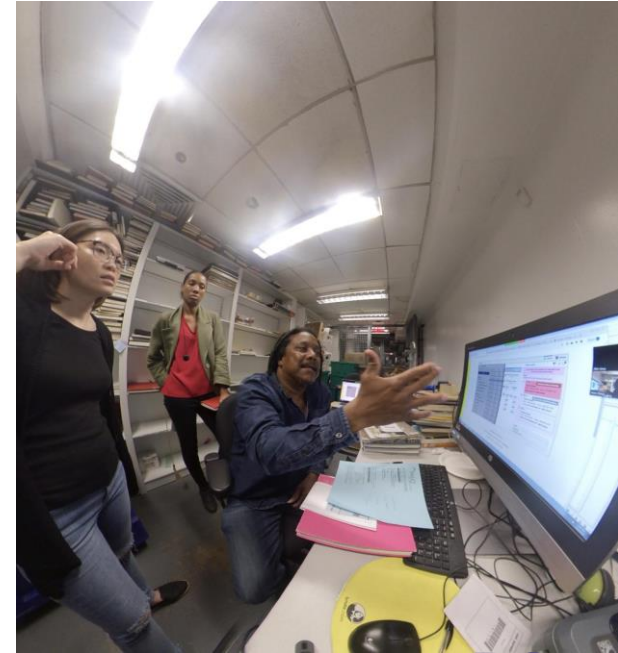
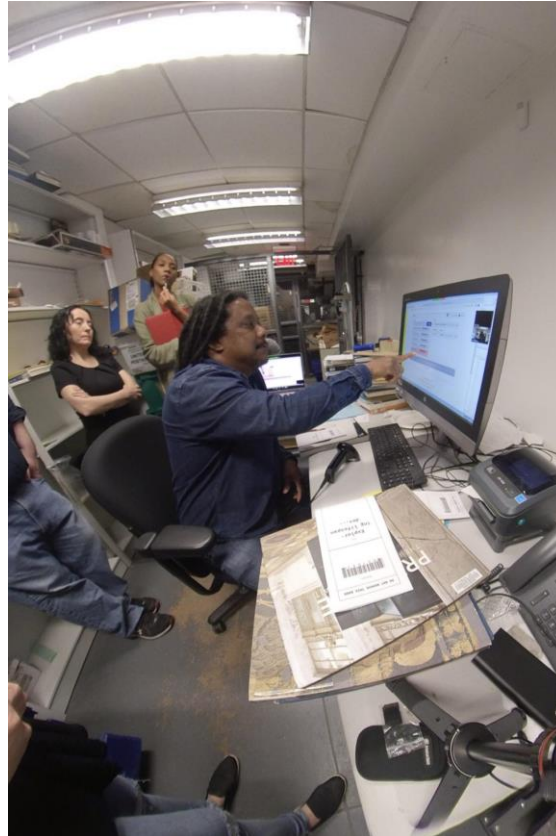


(Click to imitate a scan)

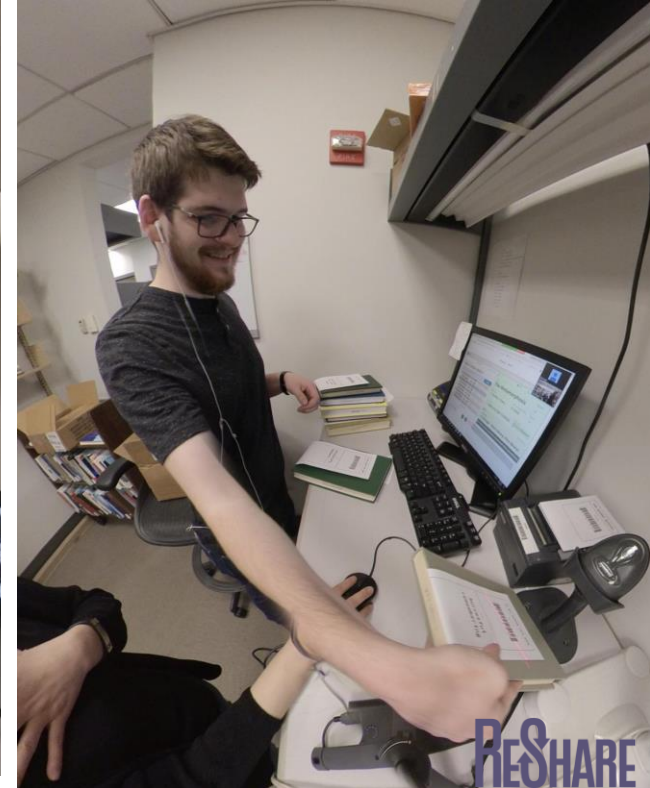
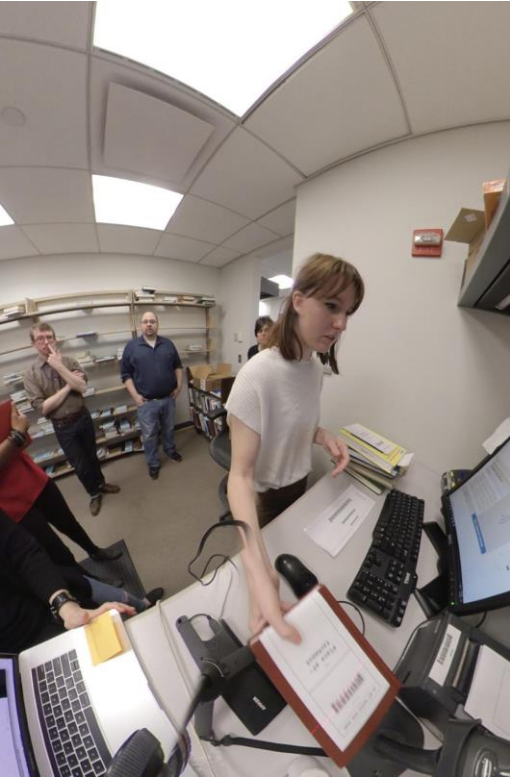
Submit

Scan an item to get started

Site Visit - New School



Site Visits - New York University



Lessons learned from the site visit

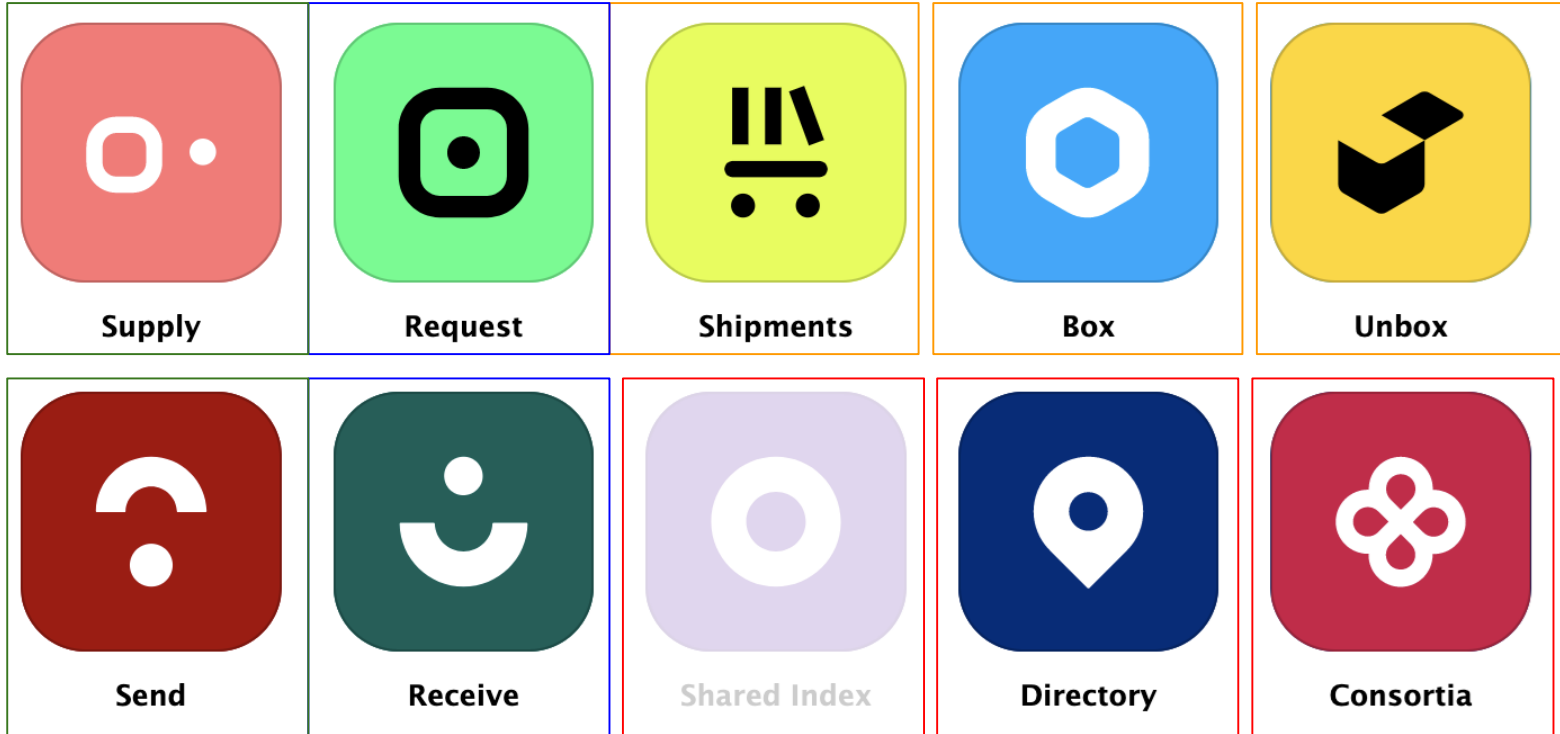
- Not every library has carriage returns programmed in barcode readers
- Preferred ranking of information in different app UIs, depends on who you are
 - Example - SMEs thought bib info should be at top of screen, students thought next action was most important for processing efficiency
- Escalation of problems should be one-click
- Most information on screens is used for differentiating item in hand, not doing anything with that information unless it's wrong.

Apps

Rough, long-term design

Staff processing

Shipping

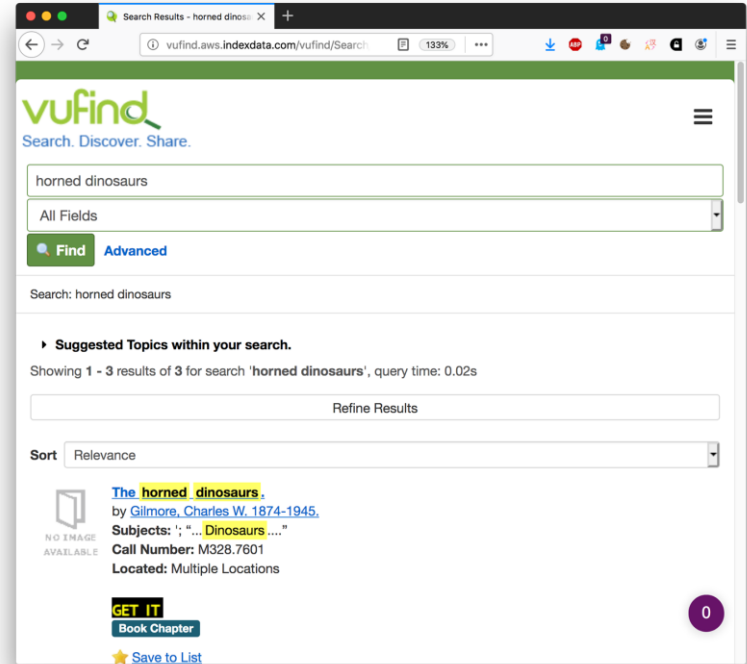


Student processing

Settings & configs

Development Update - October 2019

- Major Components
 - Shared Index
 - Harvesting
 - Indexing and Deduplication
 - Presentation / Discovery
 - Directory
 - Distributed Model and Encoding
 - Maintenance, Aggregation and Network
 - Request Messaging and Supply
 - ISO18626
 - Interoperability and Integration



Demo

<https://www.youtube.com/watch?v=gdiZj6C7ATQ>

Membership Model: Goals

- Encourage libraries **AND** commercial organizations to participate meaningfully in advancing the goals of the Community
- Create a **sustainable** approach and **business model** for community-owned infrastructure through strategic partnerships
- Position ReShare as a strong competitor in the marketplace, driving innovation among all resource sharing service providers and improving services to our users

Membership Model : Flexible Options

Individual Libraries & Consortia -- Become a Founding Member

<https://projectreshare.org/get-involved/libraries-consortia/>

- Libraries
 - \$1,500/year for libraries with 3-year commitment -- suggested minimum
- Consortia
 - \$1,500 per library one-time - suggested minimum
 - \$3,500 (total) in year 2 and year 3

Commercial Organizations/Service Providers

<https://projectreshare.org/get-involved/commercial-service/>

Questions & Discussion

Project Budget

<https://projectreshare.org/get-involved/project-budget/>

Coming Soon

We'll announce several new ReShare Founding Members!

Get Involved

<https://projectreshare.org/get-involved/>
[ReShare Wiki with Onboarding Information](#)

Contact Us

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[@projectreshare](#)
projectreshare.org

