ReShare

An open, community-owned, resource sharing solution

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

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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.

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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

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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.
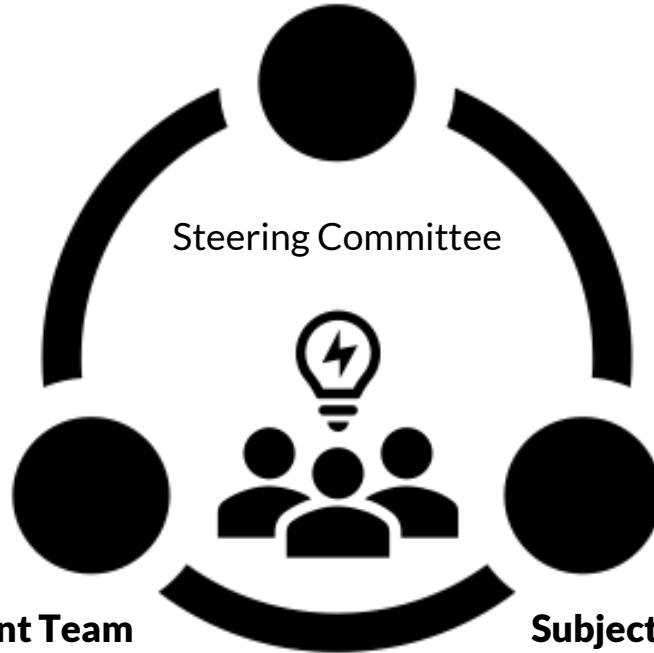
Priorities

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.**

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A Community-owned Solution

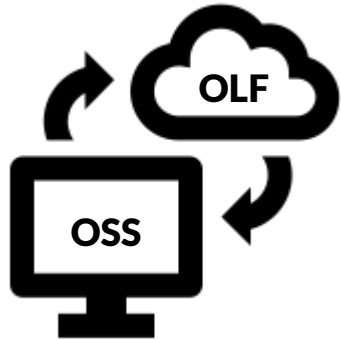An Open Library Foundation (OLF) Community

OLF

OSS

Product Management Team

Steering Committee

Development Team

Subject Matter Experts (SME)

UX Experts

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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	University of Pennsylvania
Jessica Bower	Yale University
Peter Collins	University of Pennsylvania
Jessica Dolen	Strathcona County Library
Melissa Eighmy Brown	University of Minnesota
Audrey Farch.	Southern Alberta Institute of Technology
Hilary Fredette	West Virginia University
Geneva Holliday	UNC Chapel Hill
Lashanda Howard-Curry	University of Chicago
Allen Jones, Convener	The New School
Demian Katz	Villanova University
Andrea Loigman.	Duke University
Kurt Munson	Northwestern University
Mia Partlow	NC State University
Mike Paxton	IUPUI

Austin Smith	University of Maryland
Ruth Tillman	Penn State University
Kristin Walker	UT Austin
Lan Yang	Texas A&M

Timeline Overview

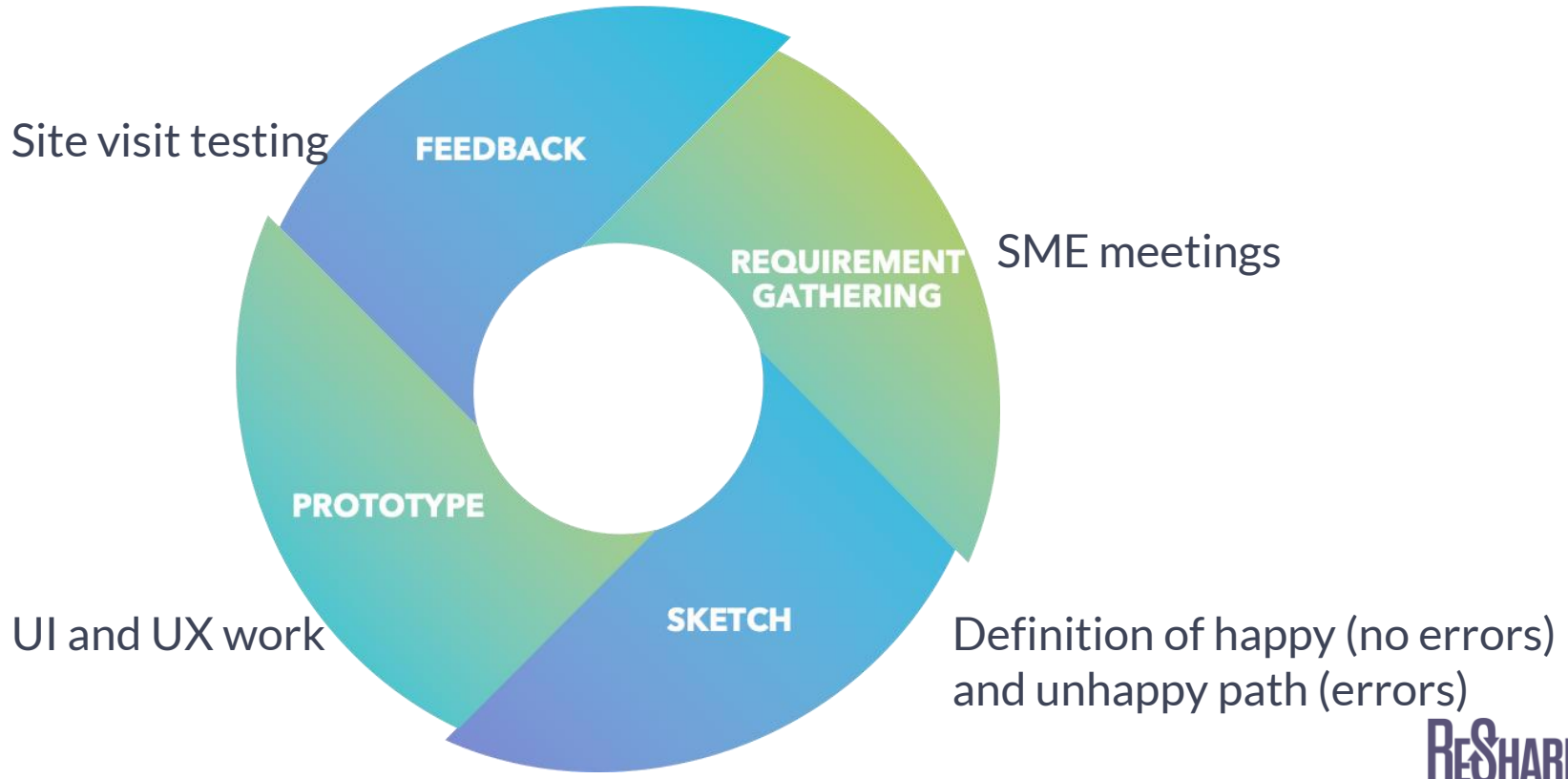| Phase	Description
August 2018	ReShare Steering Committee Formed, Requirements + UX Began
Spring 2019	Mockups & Library Directory Application
Summer 2019	Working Prototypes
Fall 2019	Alpha Release
Spring 2020	Beta Release
Spring 2020	Software Testing/Pilots
Summer 2020	ReShare 1.0 Release / Launch

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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			

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Process

Site visit testing

FEEDBACK

SME meetings

REQUIREMENT GATHERING

UI and UX work

PROTOTYPE

SKETCH

Definition of happy (no errors) and unhappy path (errors)
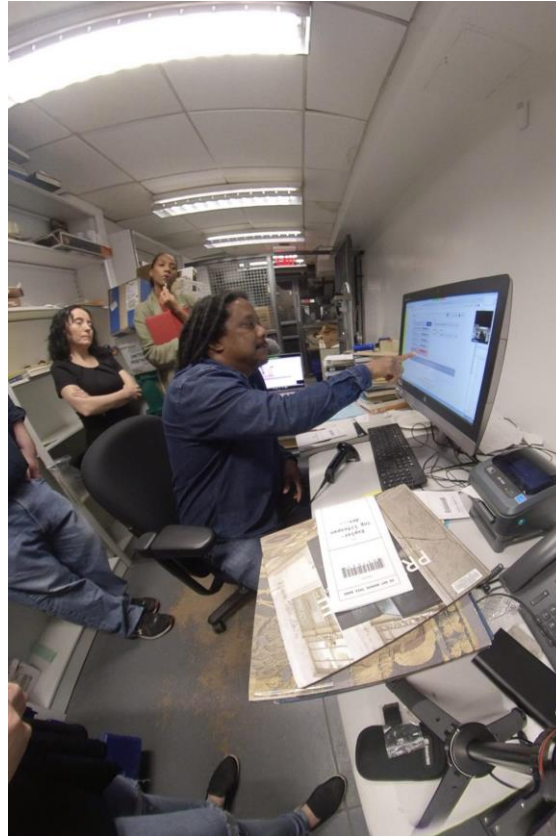
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Check out

38 remaining requests
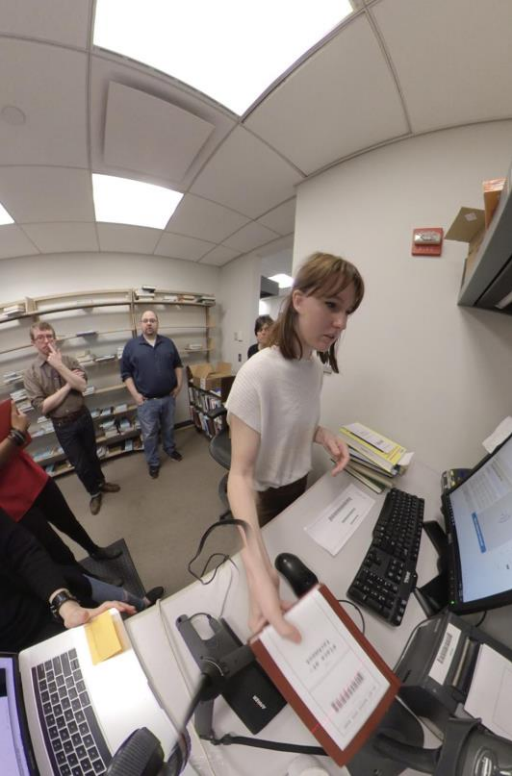
Scan item barcode

(Click to imitate a scan)   **Submit**

Scan an item to get started

Site Visit - New School

Site Visits - New York University
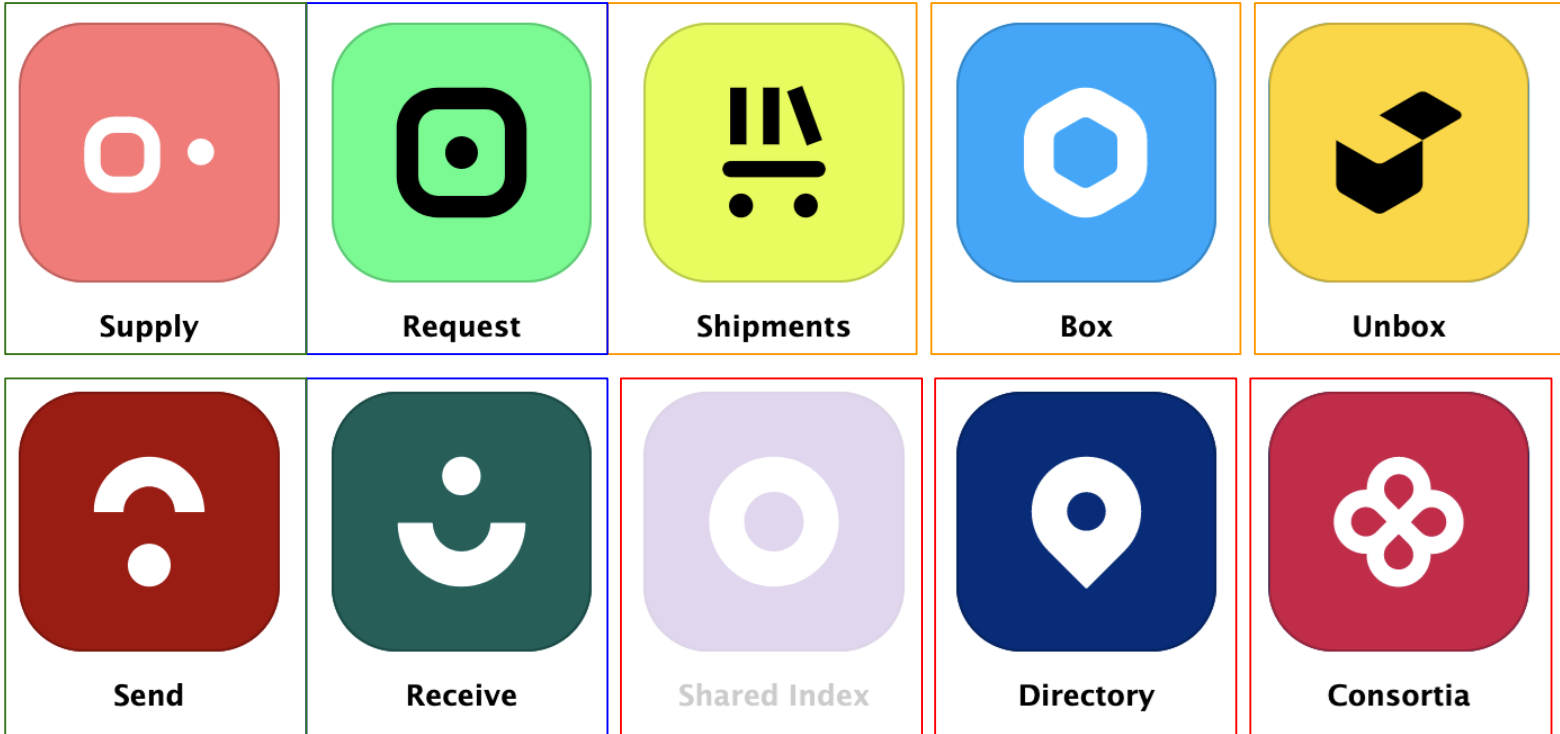
Lessons learned from the site visit

- 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.

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Apps
Rough, long-term design

Staff processing

Shipping

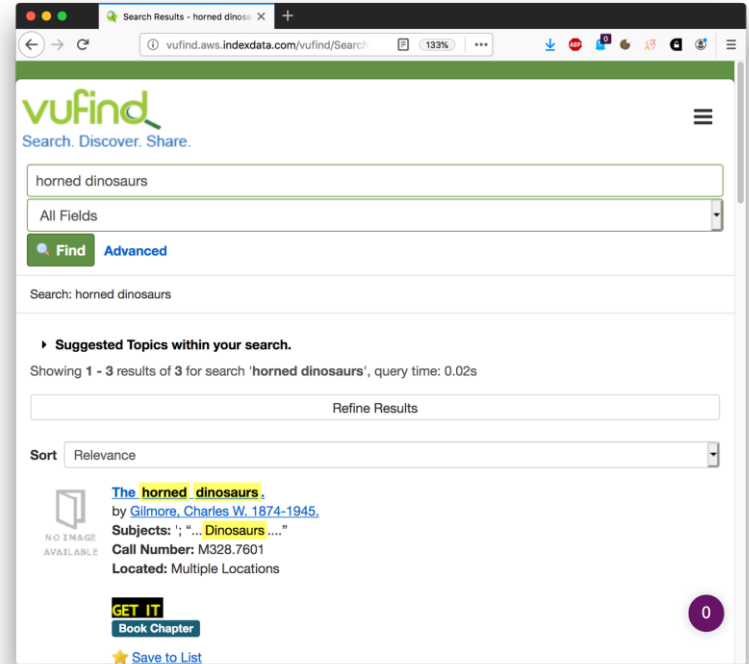|				
Supply	**Request**	**Shipments**	**Box**	**Unbox**
Send	**Receive**	**Shared Index**	**Directory**	**Consortia**

Student processing

Settings & configs

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Development Update - October 2019

- Major Components
  - Shared Index
    - Harvesting
    - Indexing and Deduplication
    - Presentation / Discovery
  - Directory
    - Distributed Model and Encoding
    - Maintenance, Aggregation and Network
  - Request Messenging 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/

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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