Esploro & The Research Portfolio - Product Update

Your path to greater research impact

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The Research Solutions Landscape: Current Challenges

- Disjoint point solutions with lots of duplicative and manual work
- STEM focused
- Reliance on researcher’s deposits & manual work
- Lack of integration with library workflows
- Manual APC handling, often paying unnecessary costs
- Incomplete researcher’s profiles
- Very limited built-in collaborations and open APIs
- No integrated analytics
Paving the way to greater impact of academic research by maximizing visibility, efficiency, and compliance of research activities, leveraging library expertise and technology.
Maximize the impact of academic research

A next-gen research repository

- All research assets in one place, connected
- Automated capture
- Enrichment of metadata

Increased impact of research activities

- Data exposure via discovery & institutional portals
- Automated update of researcher profile
- Research metrics and benchmarks
# Creating the Next-Generation Research Repository

Discoverable, curated, and enriched data is key to improve research visibility, compliance, and efficiency, and drive greater impact of research outputs.

## Wide range of research assets (outputs and activities)

<table>
<thead>
<tr>
<th>PUBLICATIONS</th>
<th>CREATIVE WORK</th>
<th>RESEARCH DATA</th>
<th>ACTIVITIES</th>
</tr>
</thead>
<tbody>
<tr>
<td>Articles, pre-prints, thesis, dissertations, etc.</td>
<td>Performing art, media installations, drawings, compositions, etc.</td>
<td>Datasets, raw data, computations, Software, ELNs, etc.</td>
<td>Achievements, Awards, Social &amp; Media mention, etc.</td>
</tr>
</tbody>
</table>

## Systematic and sustainable data management

- Automated curation
- Metadata enrichment
- Discoverability & accessibility (public/restricted)
- Linking research objects and metadata
- Digital preservation
## Flexible Data Model Supports Extensive Research Asset Types

<table>
<thead>
<tr>
<th>Publications</th>
<th>Conferences</th>
<th>Dissertations &amp; Theses</th>
<th>Datasets</th>
</tr>
</thead>
<tbody>
<tr>
<td>Software</td>
<td>Online Resources</td>
<td>Fine Arts</td>
<td>Patents</td>
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<tr>
<td>Courses &amp; Teaching</td>
<td>Grants</td>
<td>Research Proposals</td>
<td>Activities</td>
</tr>
<tr>
<td>Impacts</td>
<td>Images</td>
<td>Sound Recordings</td>
<td>...and more</td>
</tr>
</tbody>
</table>

Supports richer metadata, for more asset types in a single, unified system than traditional research repositories.

Ensures that all types of researchers and research disciplines can be represented.
Getting the Data – a Changed Paradigm

More streamlined Author Archive/Deposit, Interwoven into their work

- Simple, embedded and integrated
- Automated Metadata (when possible) and notifications
- Review/Edit vs. Fill-in forms

Intelligent Automatic Capture

- Published content (e.g. Indexed by Library discovery)
- Disciplinary and Specialized Repositories
- National Repositories
Guiding Principles for Esploro’s Success

We will not change researchers’ habits
- Will be seamless to the researchers’ flow
- The service will still work even if researchers don’t fully engage with the system

We will not create more work for librarians
- Eliminate redundant and manual processes
- Help librarians work more efficiently and collaboratively
- Rule-based workflows

We will not be yet another point solution
- Open, interoperable and integrated with other systems
- Intuitive out-of-the-box, yet highly configurable per institution
Openness & Community Collaboration

Every action and flow in the system will be open to APIs

- Interoperable with other systems
- Customizable

“Community Zone” concept

- Data management plans
- Metadata tools
- Best practices
- KPIs & benchmarks
Bridging Gaps in Communication across Research Stakeholders

Librarians
Support the research process

Researchers
Increase impact & recognition

Research/Provost Office
Increase effectiveness of research activities

Visibility of publications and data

Automated and mediated workflows

Analytics & reporting
The Library Challenge and Opportunity

“While the teaching community regards the library as a partner, the research community tends to ‘do things by itself’”

Brown, S. & Swan, A.

BUT

“Researchers need help to manage their data. This is a really exciting opportunity for libraries”

Liz Lyon, VALA
The Library at the Heart of the Research Process

Leveraging library expertise and technology to better support research activities and enhance collaboration with research stakeholders

Enhancing library productivity
- Deposit workflows
- Metadata enhancement tools
- Repositories management
- Metrics & analytics
- Preservation of research assets

Increasing library impact
- Discoverability of research output & data
- Involvement in research processes
- Support for institutional compliance
- ROI of existing library solutions
What’s Next?
Esploro Timeline

Development initiation (complete scope of initial release, start coding)

- Jul. 2017: Development Partners kickoff
- Q4 2017: Early Adopters kickoff sessions
- Jun. 2018: Start Development Partners implementation & migrations
- Aug. 2018: Start Early Adopters implementation & migrations
- Mar 19: First Release available
- Q1 2019: Development partners get early access to Esploro

First Release available

- Mar 19

Agile Development – Monthly Releases

- Iterative development & feedback from dev. Partners and Early Adopters
- Start Early Adopters implementation & migrations

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Early Adopters Plan

Ensure that Esploro will best fit the needs, use cases, and future plans of the academic community

A unique opportunity for universities to be involved in creating a new product

Close collaboration with Ex Libris to provide direct feedback about the development and product direction
The Esploro Difference

1. Integrated & Unified
   Integrated workflows & discovery for research assets

2. More Content
   Content is linked & and connected. Includes non STEM, creative work & data

3. Professional Curation
   Including advanced and automatic Metadata enhancements

4. New & Innovative Concept
   Intelligent External Capture, Metadata population automation

5. Open & extensible
   open APIs and easily customizable solutions

6. Integrated Analytics
   Cross functions analytics & Metrics
THANK YOU

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