

Every institution has its own story: preserve yours!

Managing your Digital Objects with Rosetta



Digitale Bibliothek 2012

Mary Ren
Pre-Sales Europe


ExLibris
The bridge to knowledge

Agenda

The need

Rosetta solutions

Who's using Rosetta and how



What is Rosetta?

Rosetta is a **complete** solution that addresses the **ever-growing** need to collect, archive and manage the **digitally-born and digitized** materials stored at academic institutions, research organizations, and government institutions, ensuring **data integrity** and **access over time** to information in digital formats.



The Need

The Need

- **Institutions must collect, manage & provide access to information**



**Research
Data**



**Cultural
Heritage**



**Medical
Records**



**Digitized
Collections**



Audiovisual



**Legal
Documents**



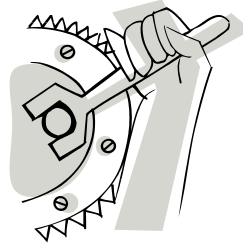
Websites

Rosetta Solutions

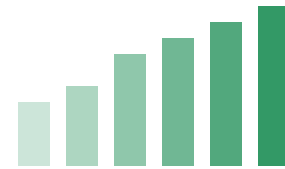
Rosetta Solutions - Key Features



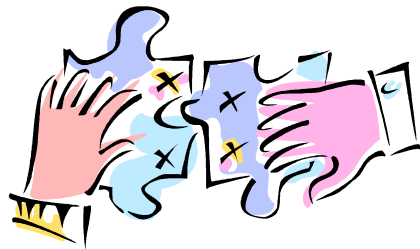
**Community Driven
Knowledge Base**



**Active
Preservation**



Scalable



**Open &
Integrative**

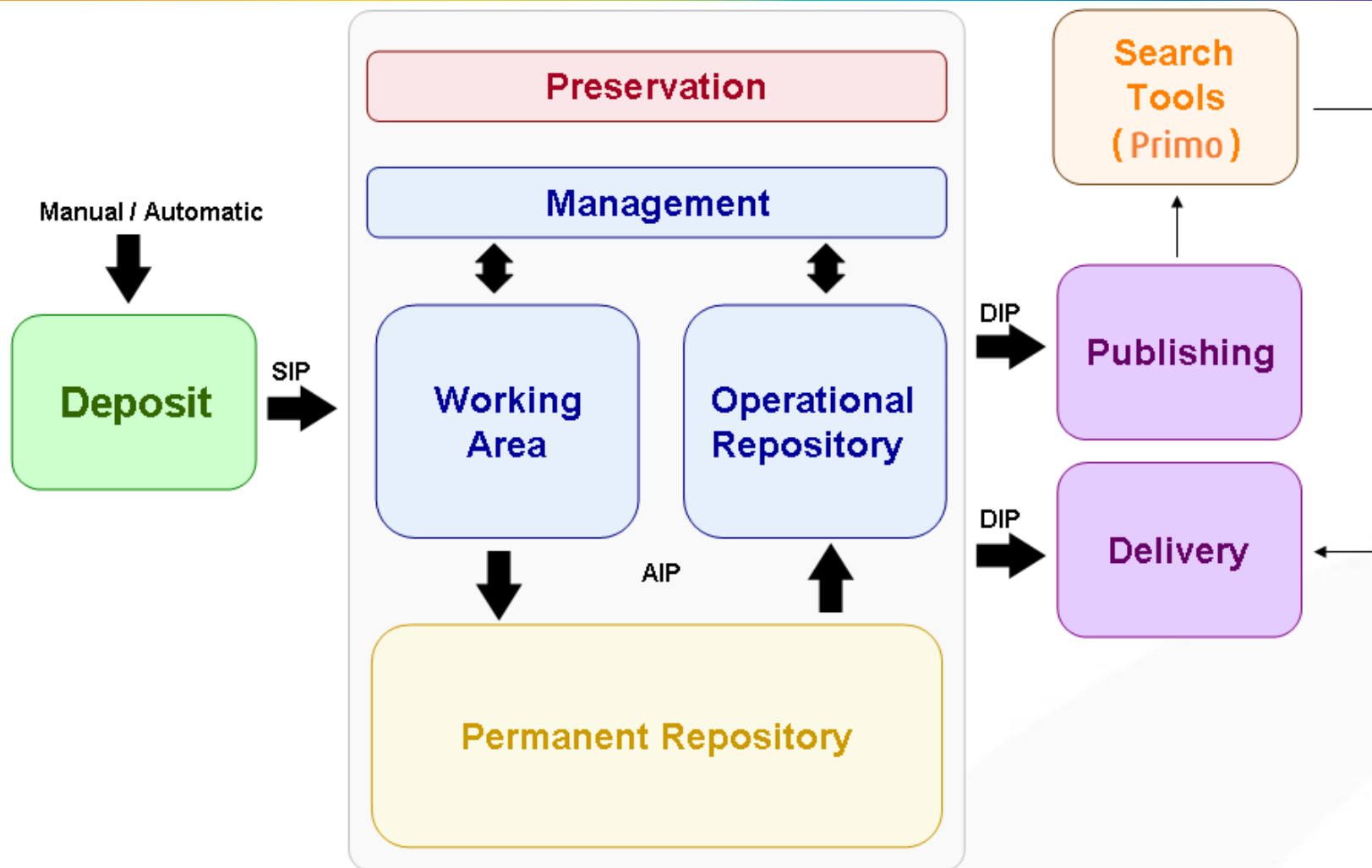


Web Interface

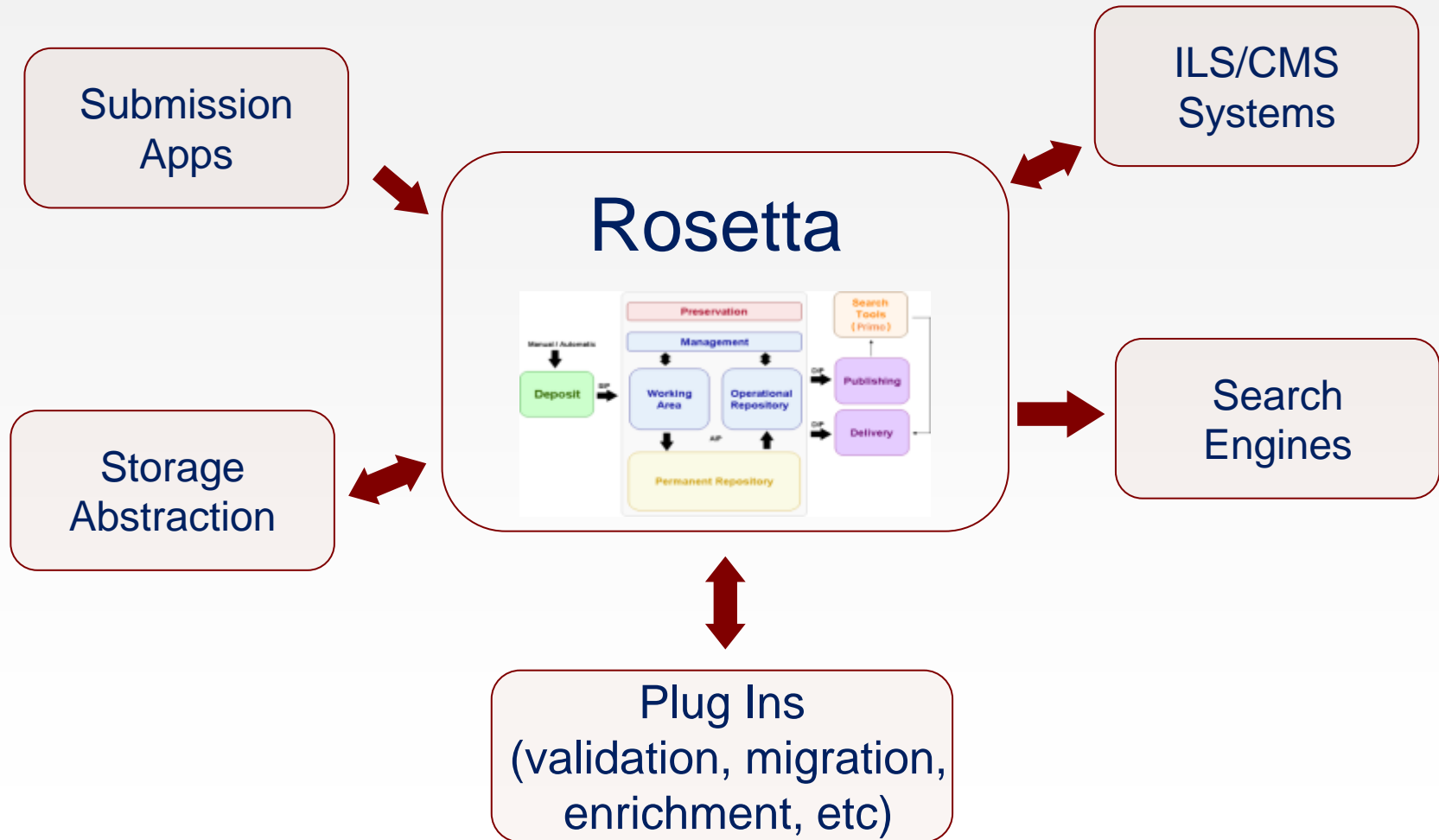


**OTB
Configuration**

Rosetta Solutions - System

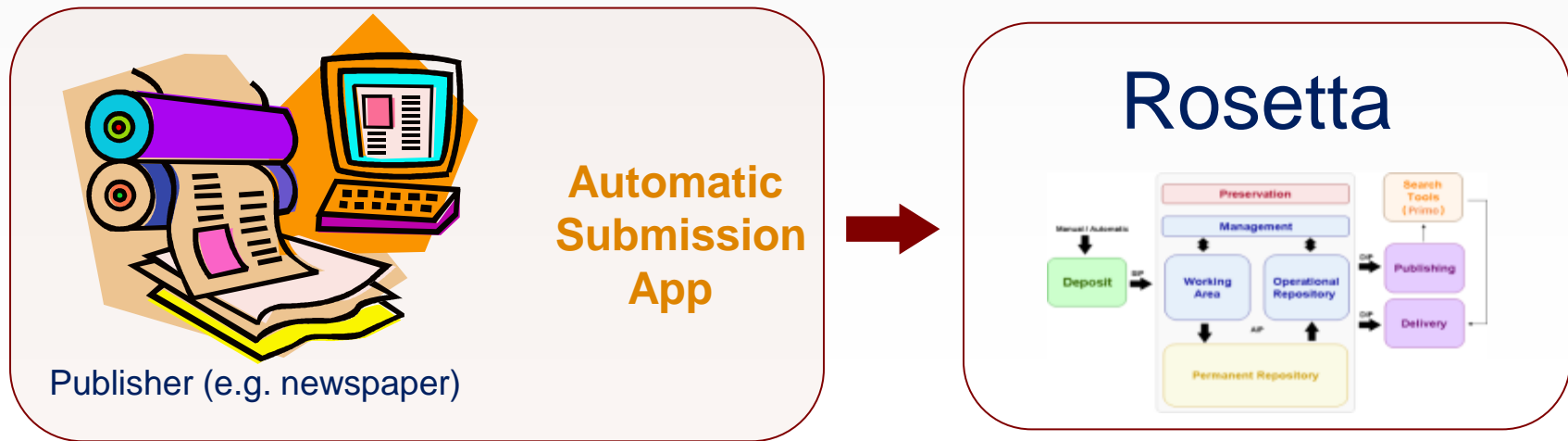


Rosetta Solutions - Open & Integrative

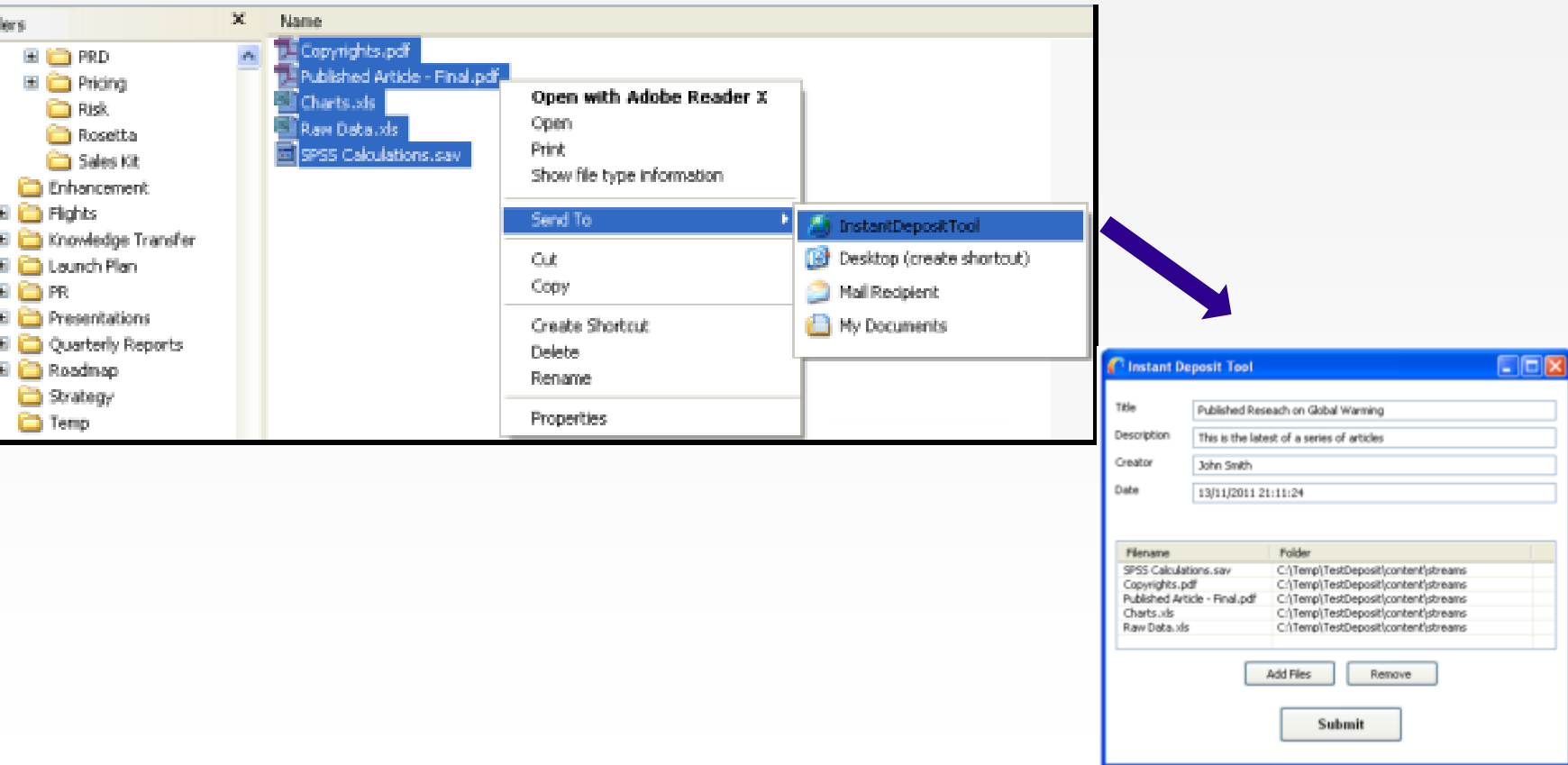


Rosetta Solutions – Submission Applications

- Deposit work flows out of the box
 - Automated (ftp, NFS, etc)
 - Manual
- SDK (software development kit) with APIs allows building submission tools to interact with Rosetta deposit module



Rosetta Solutions – Submission Applications



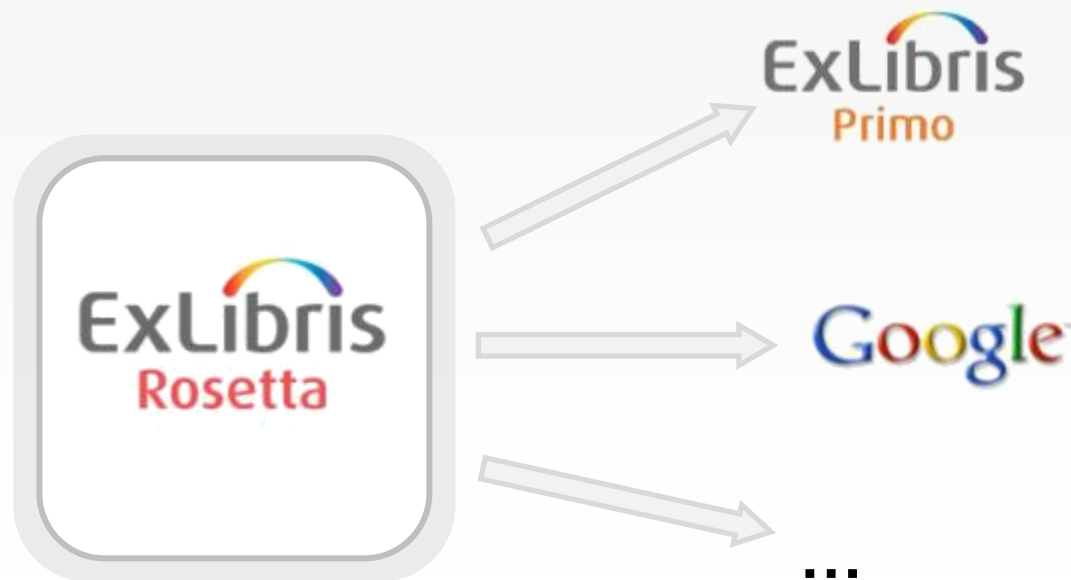
Rosetta Solutions - ILS/CMS Systems

- Synchronization with ILS / CMS systems
- Interface uses integration standards such as SRU and OAI.



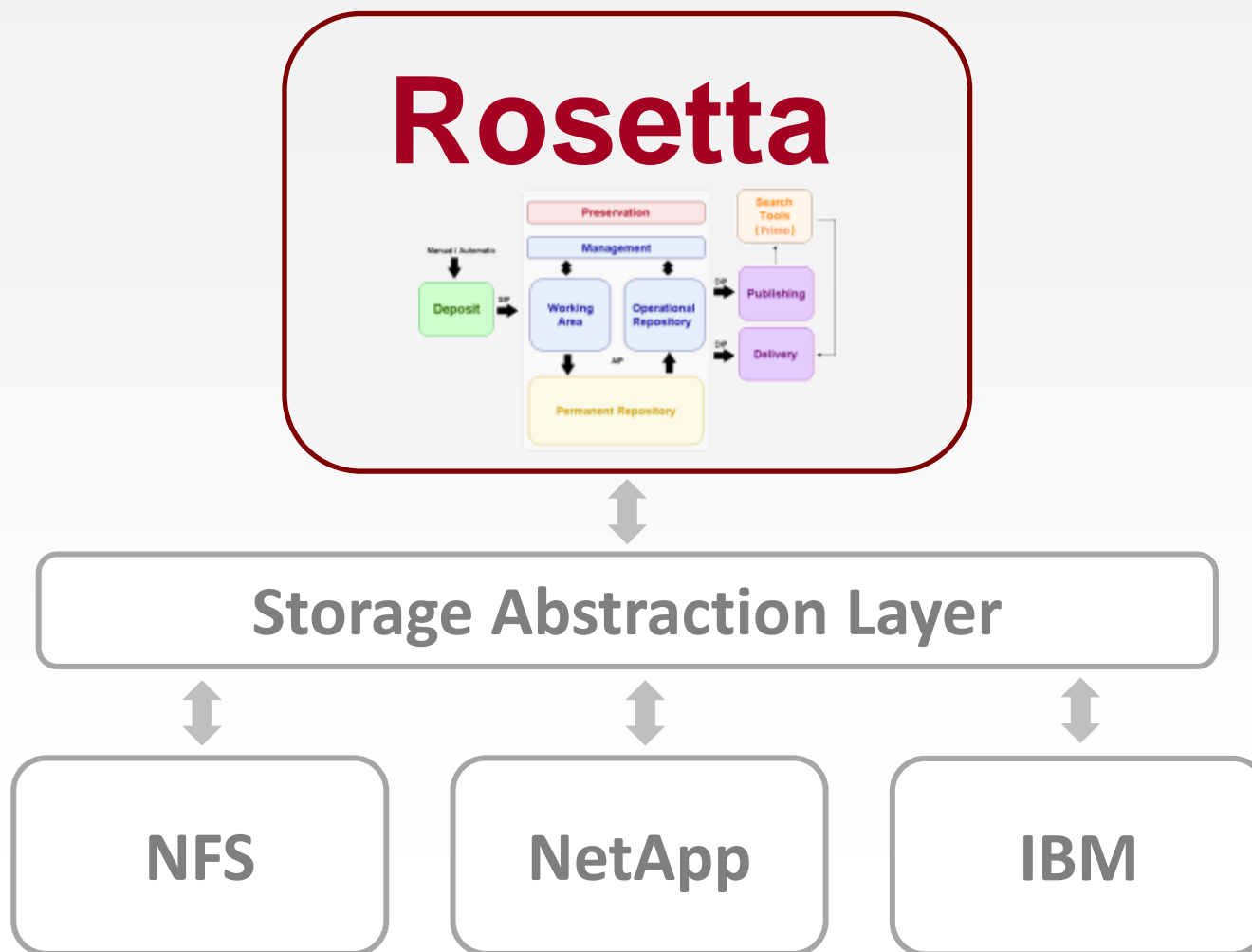
Rosetta Solutions – Search Engines

- Publishing module allows information exchange with external systems
- Allows publishing different object groups in different formats
- Provides a set of APIs and SDK for access
- OAI interface out of the box



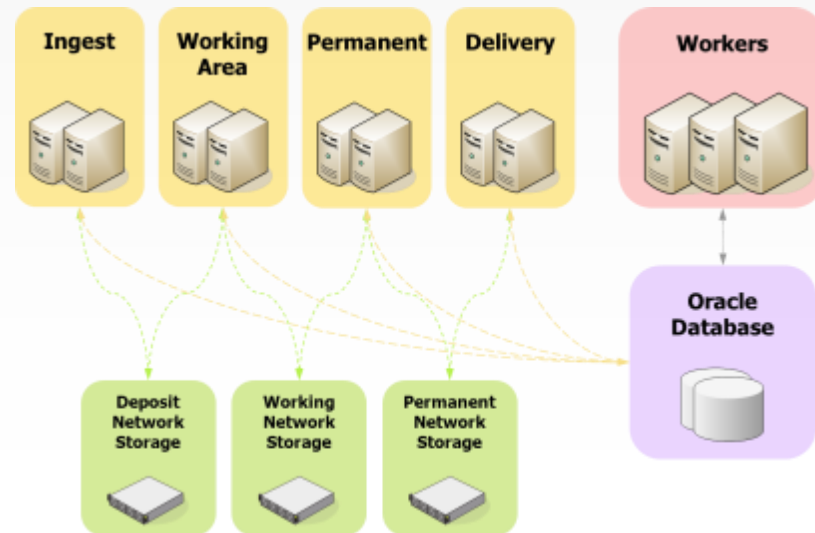
Search engine agnostic

Rosetta Solutions – Storage Abstraction



Rosetta Solutions - Scalable

- Proven scalable architecture capable of ingesting and processing millions of files/day
- Scale wide and dedicate servers to particular roles
- Flexible configuration to allow for growth
- Failures handled gracefully to minimize manual intervention



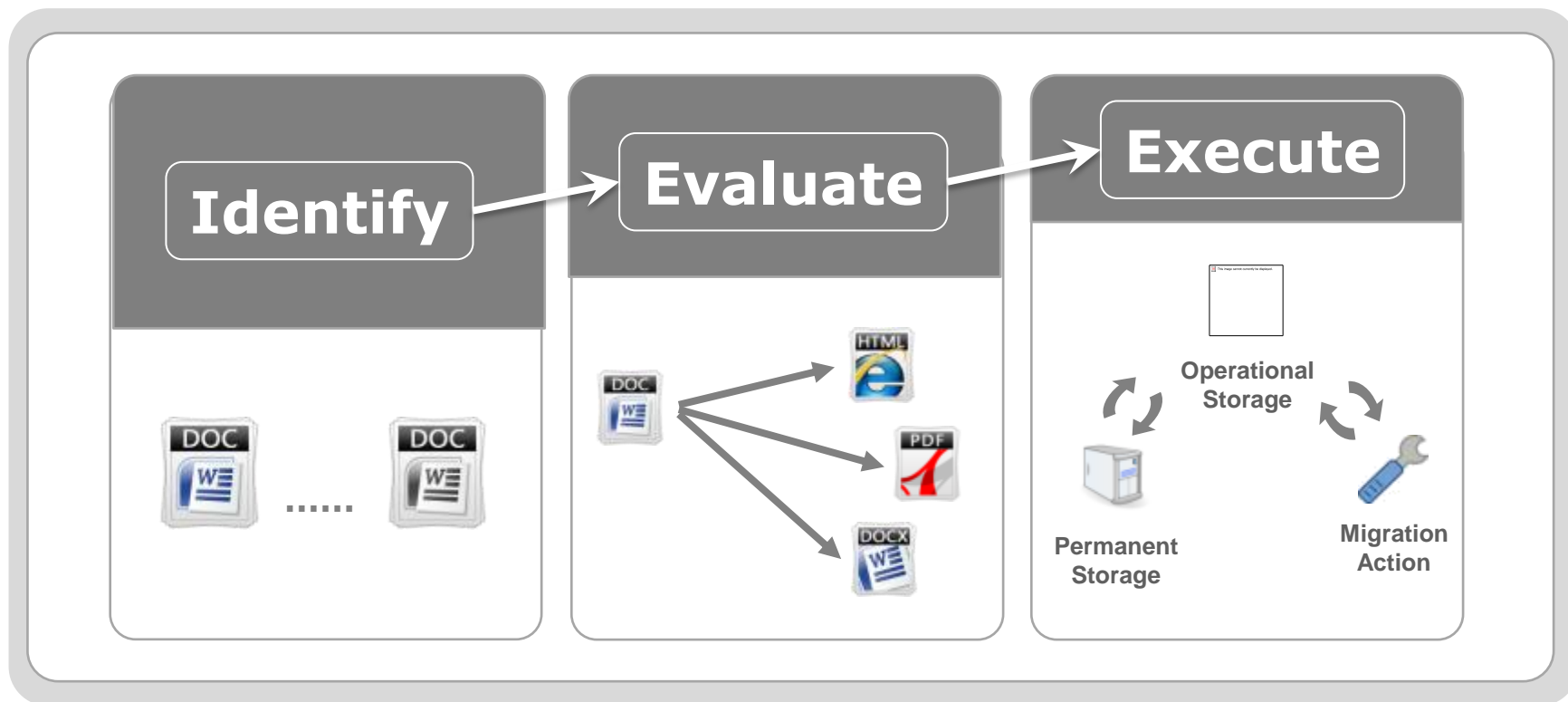
Rosetta Solutions – Community Knowledge Base

- Library of formats with metadata and extraction tools
- Based on PRONOM global library
- Formats associated to applications and risks
- Auto update format library with each SW version



Rosetta Solutions - Active Preservation

- Manages preservation planning process from risk to action
- Allows evaluation and comparison of alternatives
- Based on best practices and recommended workflows
- Community knowledge sharing



Rosetta Solutions - Key Features



**Open &
Integrative**



Web Interface



**OTB
Configuration**

Who's Using Rosetta and How

Preserving Special Local Collections

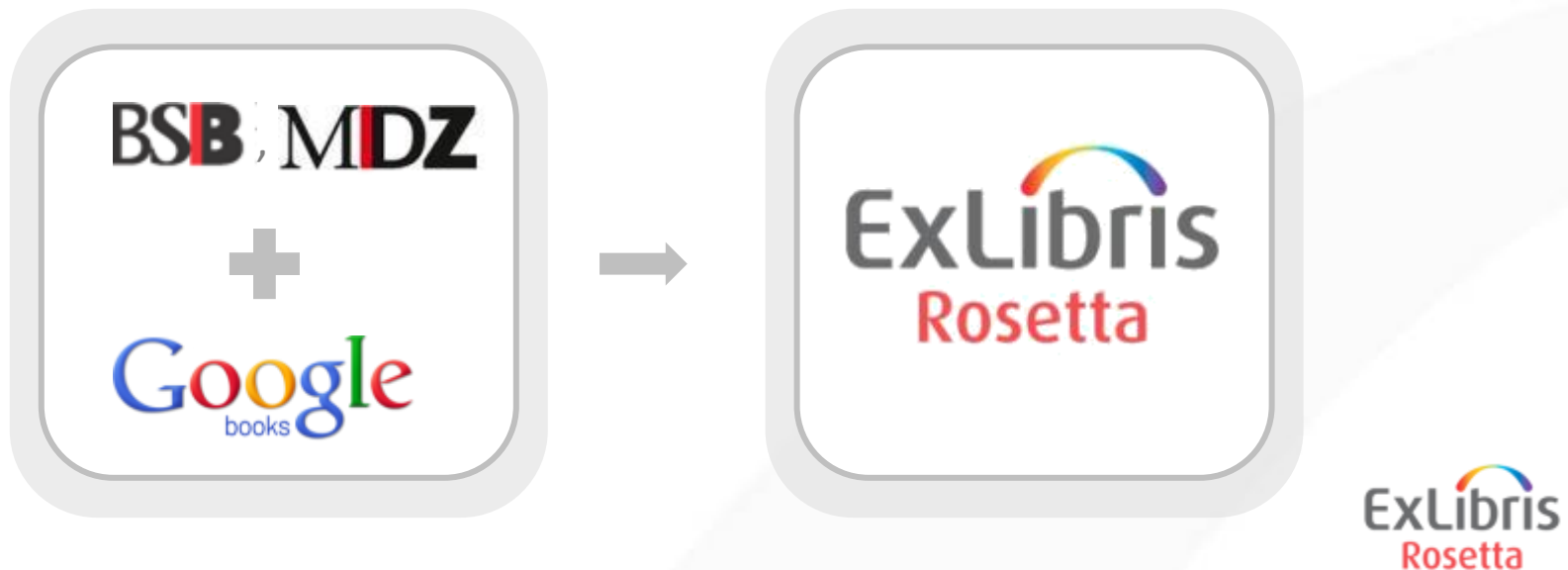
Binghamton University's Edwin A. Link Collection



Preserving Digitization Projects Output

Bavarian State Library (BSB) - Current mass digitization projects

- Public-Private-Partnership with Google
 - more than 1 million books (in less than 10 years), more than 300 million pages
- Books printed in the 16th century
 - 37.000 titles; 7.500.000 pages



SLUB Dresden



Preserving Local Dissertations (Research Data)

Offering additional alternative platform for non-published materials,
for example: ETH Bibliothek's e-collection

The screenshot displays the ETH E-collection website. At the top, there is a navigation bar with links for Home, Search, Browse, Publish, About E-Collection, Contact, and FAQs. The main content area is divided into three sections. The left section, titled 'Search E-Collection', features a search input field, a search button, and a link to 'Advanced Search'. The middle section, titled 'Daily Snapshot', lists three items: 'Geometrie' by Walser, Hans (2002) with 22547 downloads, 'QJSP' with 12587 downloads, and 'Holztechnologie 1: Holze- und Verarbeitung' by Niemz, Peter, Bächle, F. and Sonderegger, Walter (2000) with 8196 downloads. The right section, titled 'Browse by', provides a grid of subject categories with their respective document counts, such as 'Agriculture and Forestry' (2432), 'Humanities and Social Sciences' (426), and 'Environment, Traffic, Geography' (1325). The footer contains copyright information for 2008 ETH Zurich and mentions the website is maintained by ETH-Bibliothek.

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e-collection
ETH Institutional Repository

ETH
Eidgenössische Technische Hochschule Zürich
Swiss Federal Institute of Technology Zurich

[Home](#) [Search](#) [Browse](#) [Publish](#) [About E-Collection](#) [Contact](#) [FAQs](#)

Search E-Collection

[Search](#)

Use [Advanced Search](#) to search by multiple criteria.

The ETH E-Collection is the Institutional Repository of the ETH Zurich. This service allows members of the ETH community to publish relevant scientific information open access.

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1. [Geometrie](#)
Walser, Hans (2002)
[22547 Downloads](#)
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Browse by

Subject	Author	Organisational Unit	Document Type	Year
Agriculture and Forestry (2432)				
General Information (0)				
Architecture, Built Environment and... (1838)				
Biology (4961)				
Chemistry (4732)				
Electrical Engineering (1592)				
Energy Technology (364)				
Humanities and Social Sciences (426)				
Geosciences (2996)				
Computer Science (1616)				
Mechanical Engineering (968)				
Mathematics (1777)				
Medicine (2006)				
Physics and Astronomy (2677)				
Environment, Traffic, Geography (1325)				
Materials Sciences (1144)				
Economics, Law and Politics (1504)				
Science and Technology (147)				

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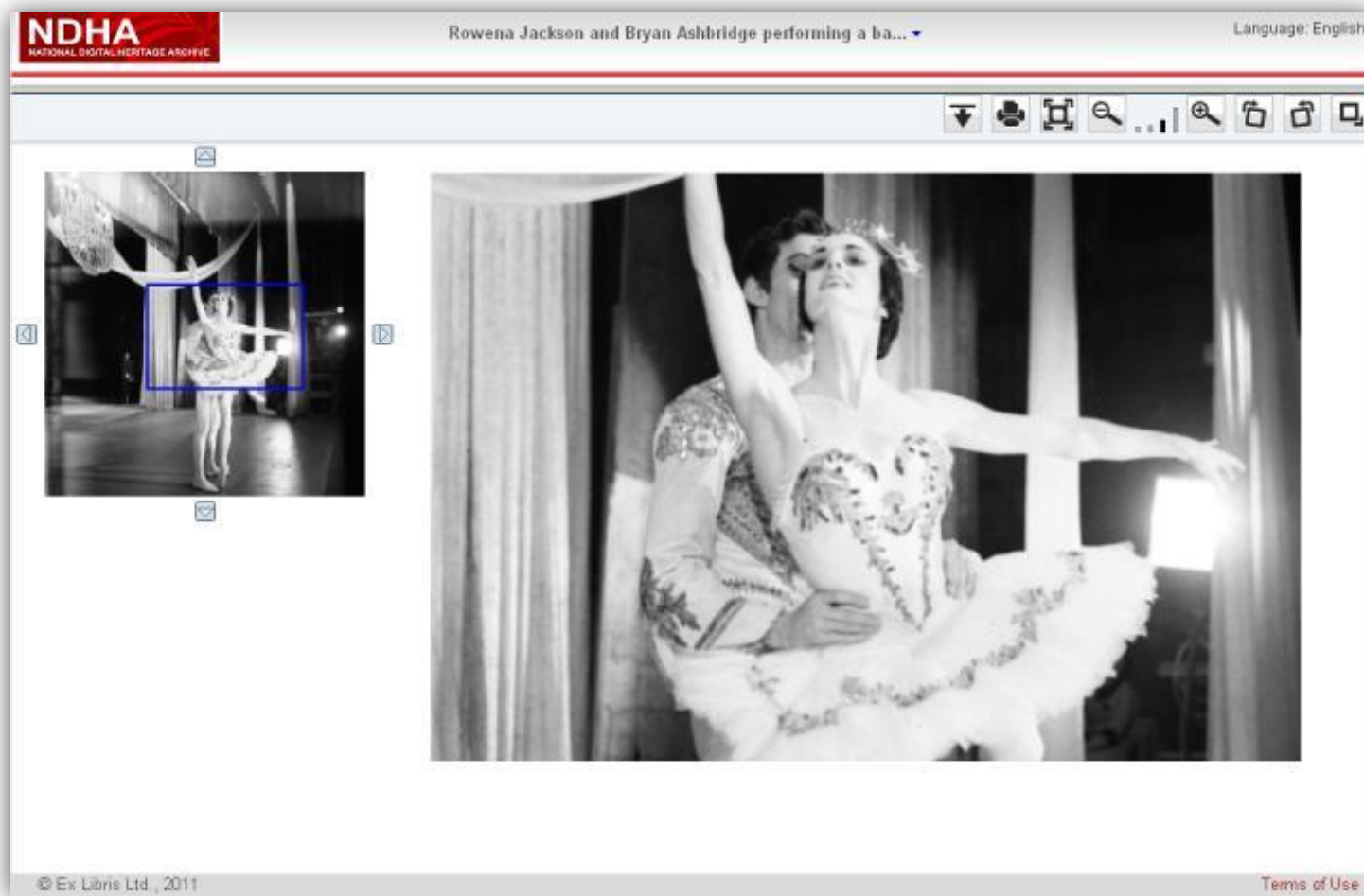
Preserving Research Data

Complying and certifying to latest requirements



Preserving Cultural Heritage Collections

National Library of New Zealand's Royal Ballet Photos



Digitally-Born Collections

Ensure the library stays relevant in the digital era National Library of New Zealand Web Site Harvest



Highlights

Highlights User Interface

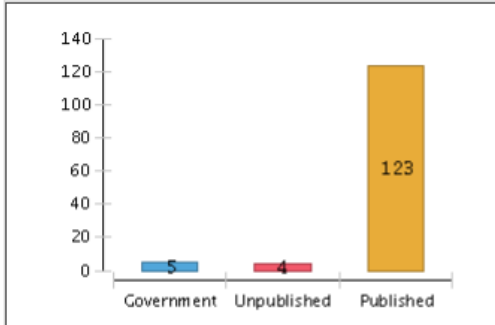
Deposit

[Add Deposit Activity](#)

Quick Stats

Status	SIPs
Draft	5
Rejected	37
Declined	5
Total	47

Deposits Per Producer Group



Submissions

Quick Stats

SIPs In Process	
Status	SIPs
In process	3
Total	3

Technical Analyst	
Stage	SIPs
Validation	6
Total	6

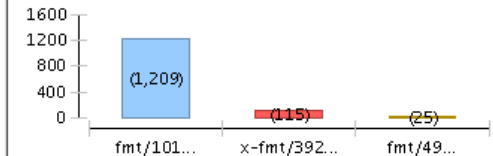
Manual Assessment	
Stage	SIPs
Arranger	2
Assessor	11
Total	13

Preserved

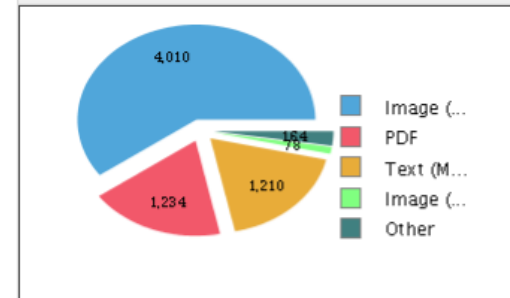
Quick Stats

Total size (MB): 7520
Preserved files: 4203
Number of SIPs: 60

Top Formats at Risk



Files by Classifications



Highlights

Collection Support

ExLibris Rosetta Management

User: John Smith | Institution: Demo Institution ▾ | Help | Logout

Home

Producers

Submissions

Data Management

Preservation

Quick Launch

Site Map

Home > Data Management > Collection Management > Collections Management

Israel Photos

Cities

Title

Collection Name

Cities

Collection Description

Created by AssignCollectionByDCTask (DC source: 'Cities')

Creation Date

5/1/12

Modification Date

5/1/12


Contents

Metadata

1 - 10 of 14 Records


1 2 > >>

Cities 1




View Info

Cities 2




View Info

Cities 3




View Info

Cities 4




View Info

Cities 5




1 / 3
View Info

Cities 6




View Info

Cities 7




View Info

Cities 1




View Info

Cities 2



View Info

Cities 3




View Info

< Back

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Highlights

Search Mechanism

ExLibris Rosetta Management

User: John Smith | Institution: Demo Institution | Help | Logout

Home Producers Submissions Data Management Preservation Quick Launch Site Map

Home > Search

Search Conditions Sort Columns

Search level: ☒ Intellectual Entity ☐ Representation ☐ File

Add Conditions

Match **Any** of the following conditions:

Title (DC) > Contains Keywords > sunset

All of the following conditions:

IE Creation Date > After > 01 01 1950

IE Creation Date > Before > 15 05 2012

Any of the following conditions:

Producer Id > Equals > 10000

Authorative Name > Contains Keywords > Demo

Search

Results

1 - 2 of 2 Records

Export to Excel

Export to Excel

Sunset

Sunset

View Info

View Info

< Back

Save Query As

List/Thumbnails view

ExLibris

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Thank You!