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

ExLibris

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**

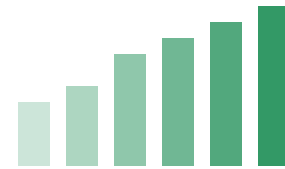| Research Data	Cultural Heritage	Medical Records	Digitized Collections	Audiovisual	Legal Documents	Websites

ExLibris
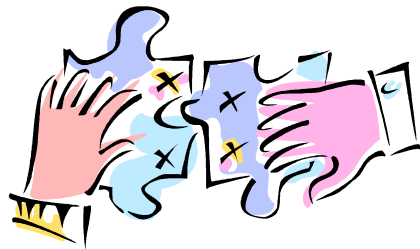
Rosetta Solutions

Rosetta Solutions - Key Features

Community Driven Knowledge Base
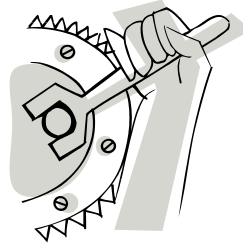
Active Preservation

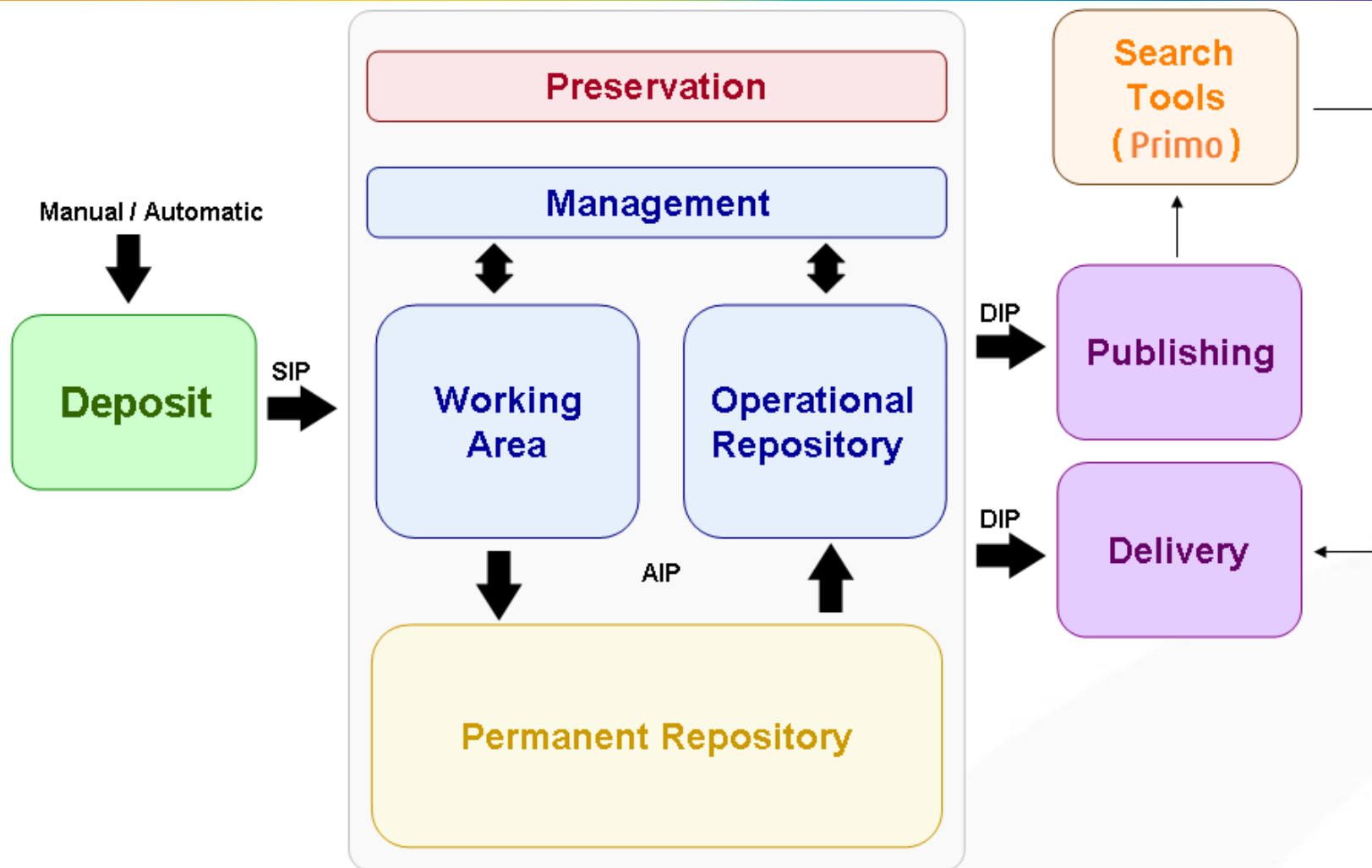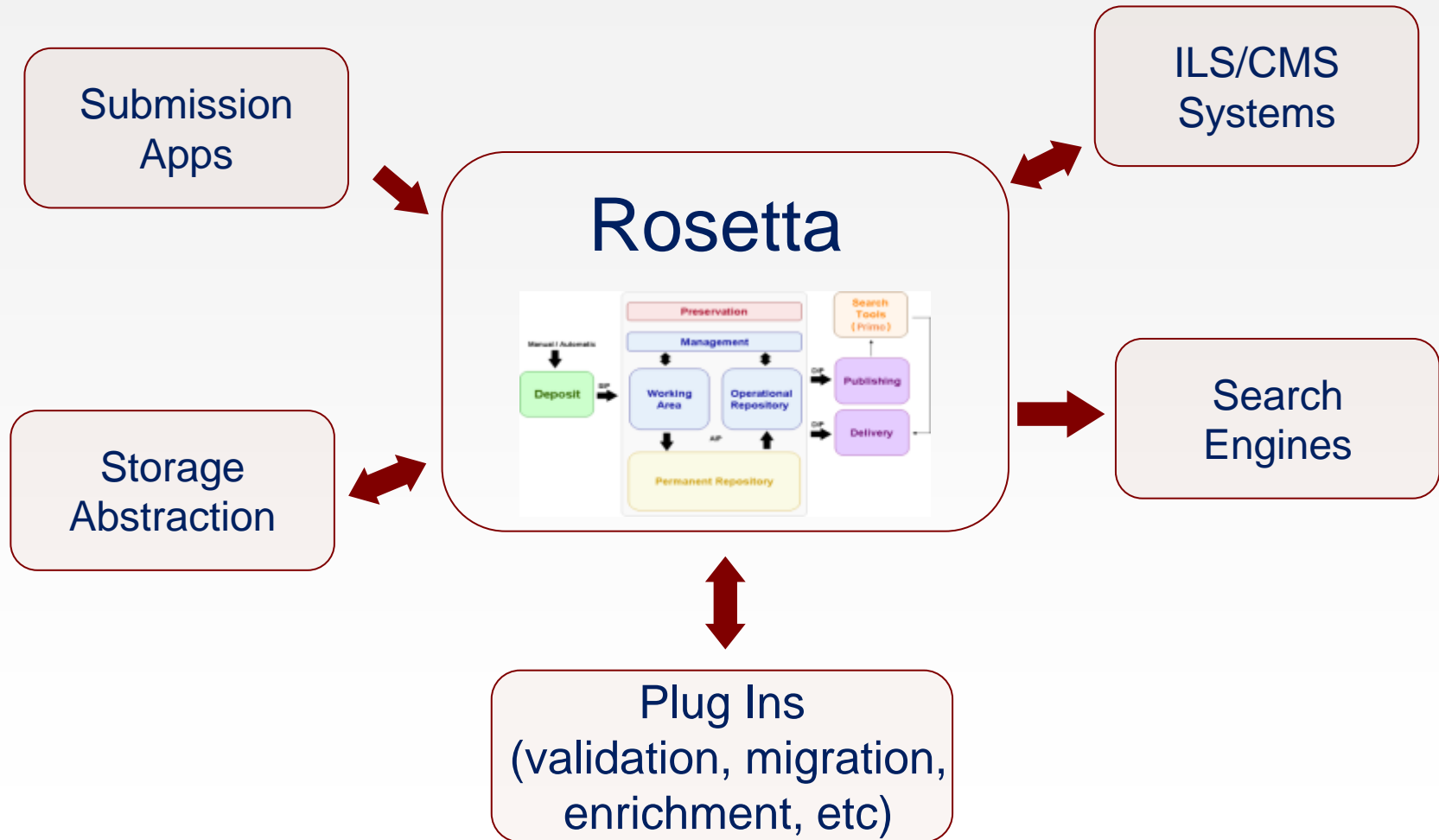**Scalable**

**Open & Integrative**

Web Interface

OTB Configuration

ExLibris
Rosetta

Rosetta Solutions - System
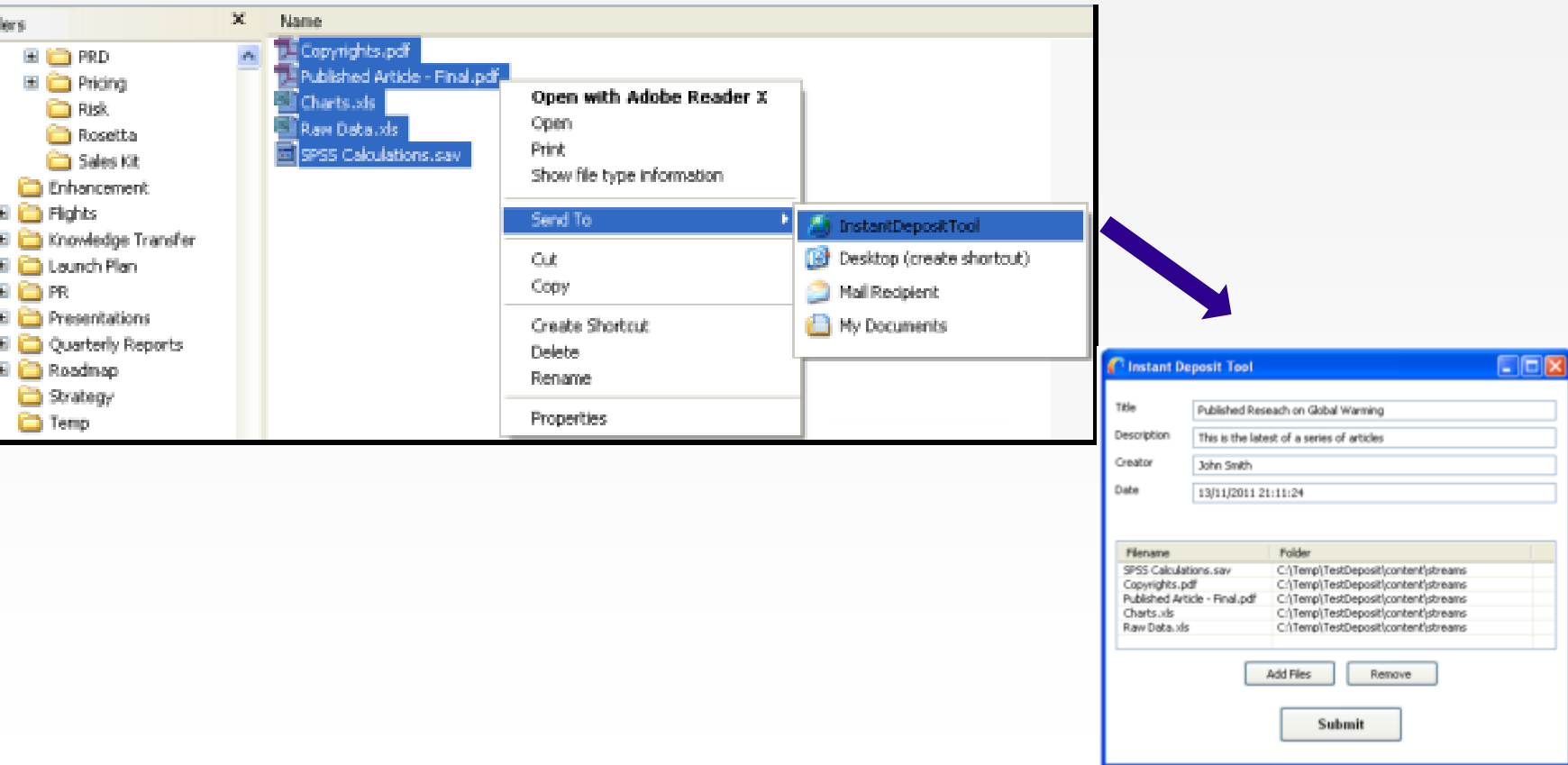
Rosetta Solutions - Open & Integrative

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

Publisher (e.g. newspaper)

Automatic Submission App
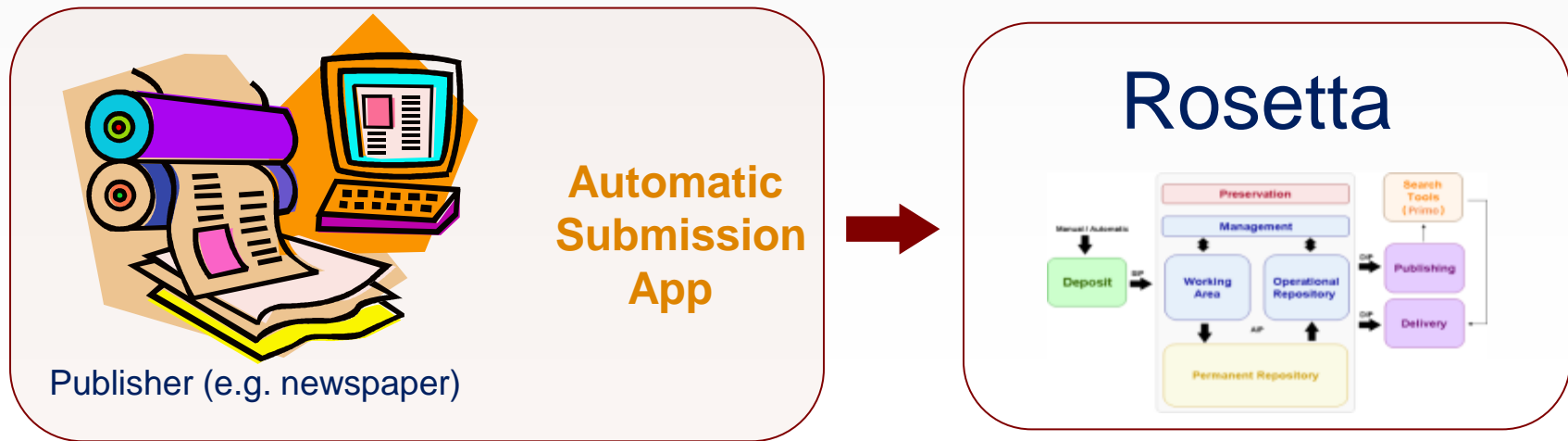
Rosetta

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
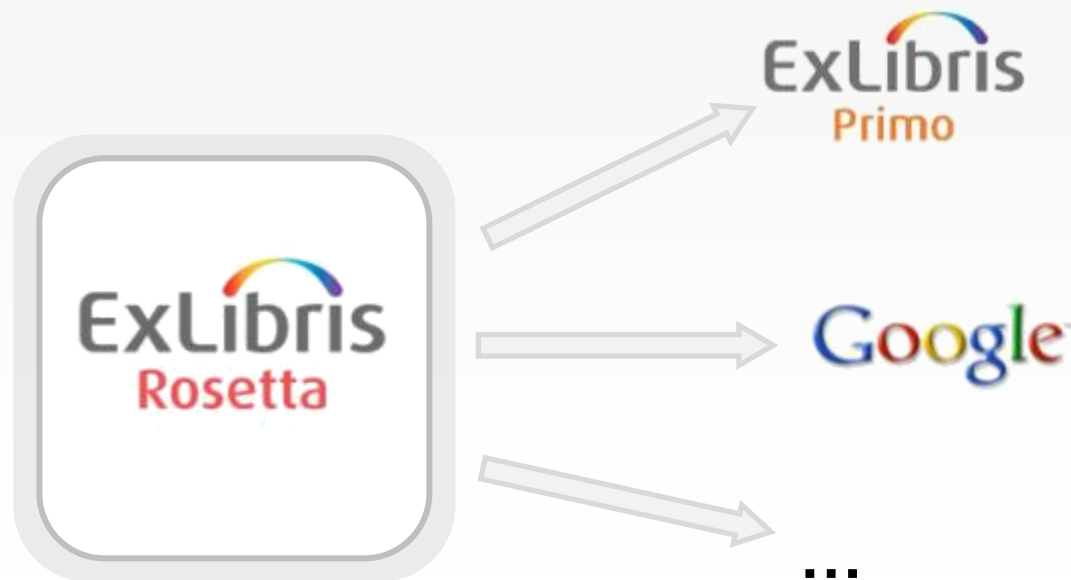
Search engine agnostic

Rosetta Solutions – Storage Abstraction
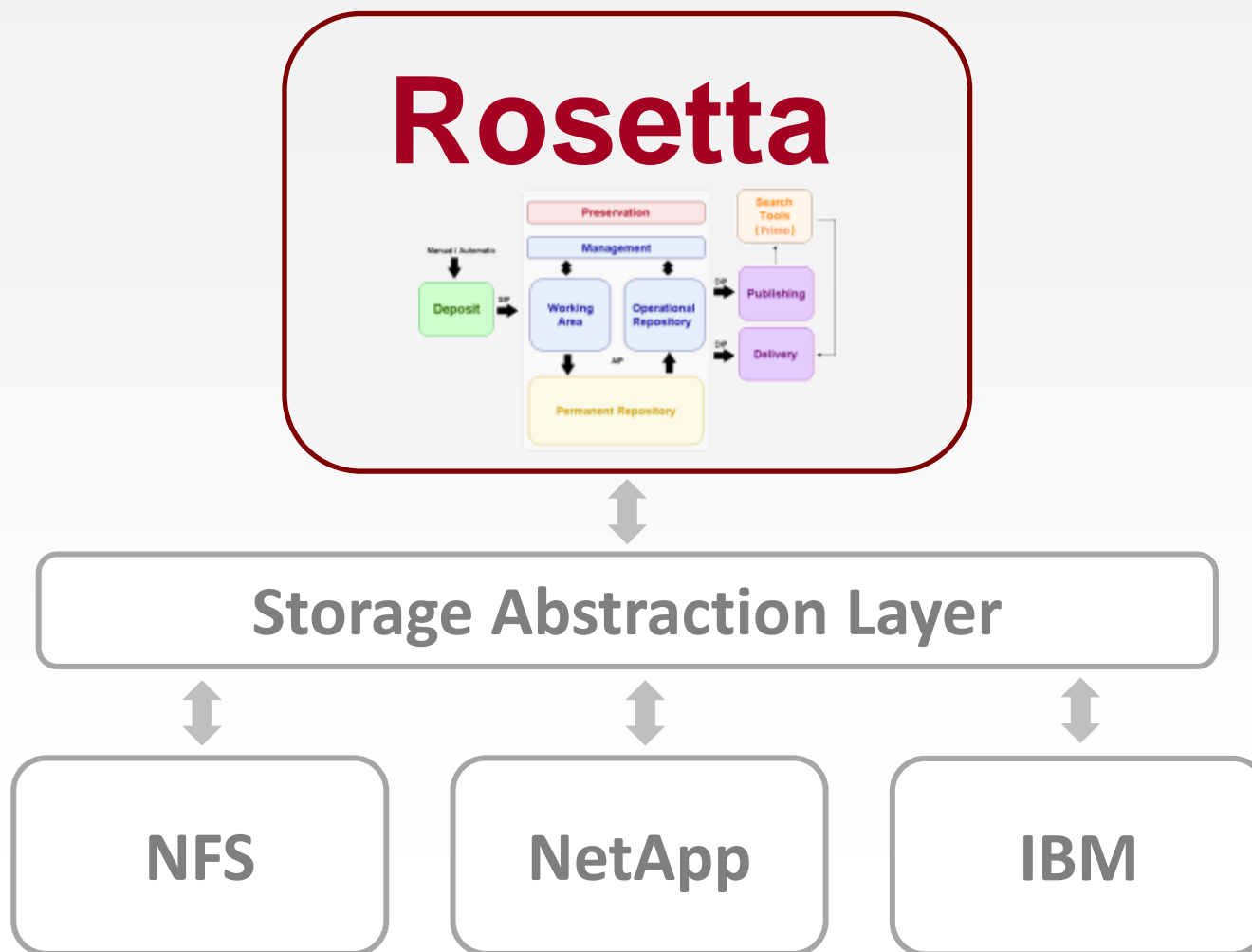
Rosetta Solutions - Scalable

- 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
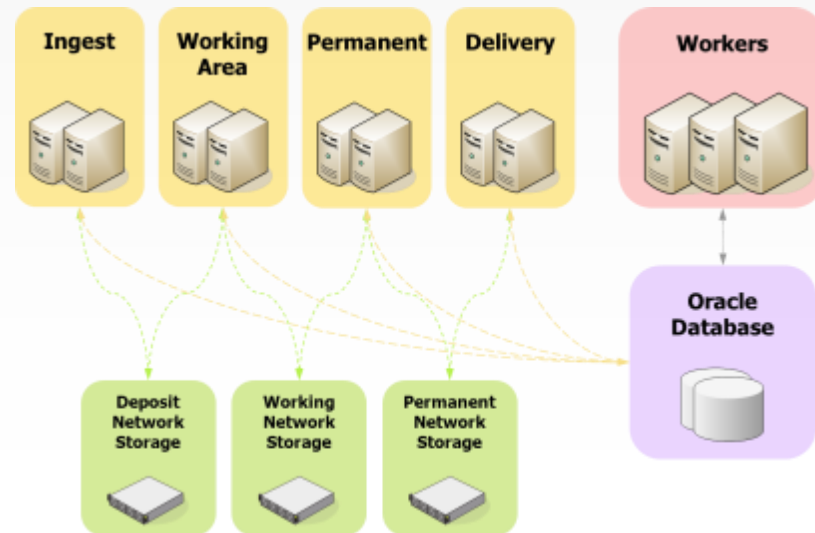
Rosetta Solutions – Community Knowledge Base

- 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
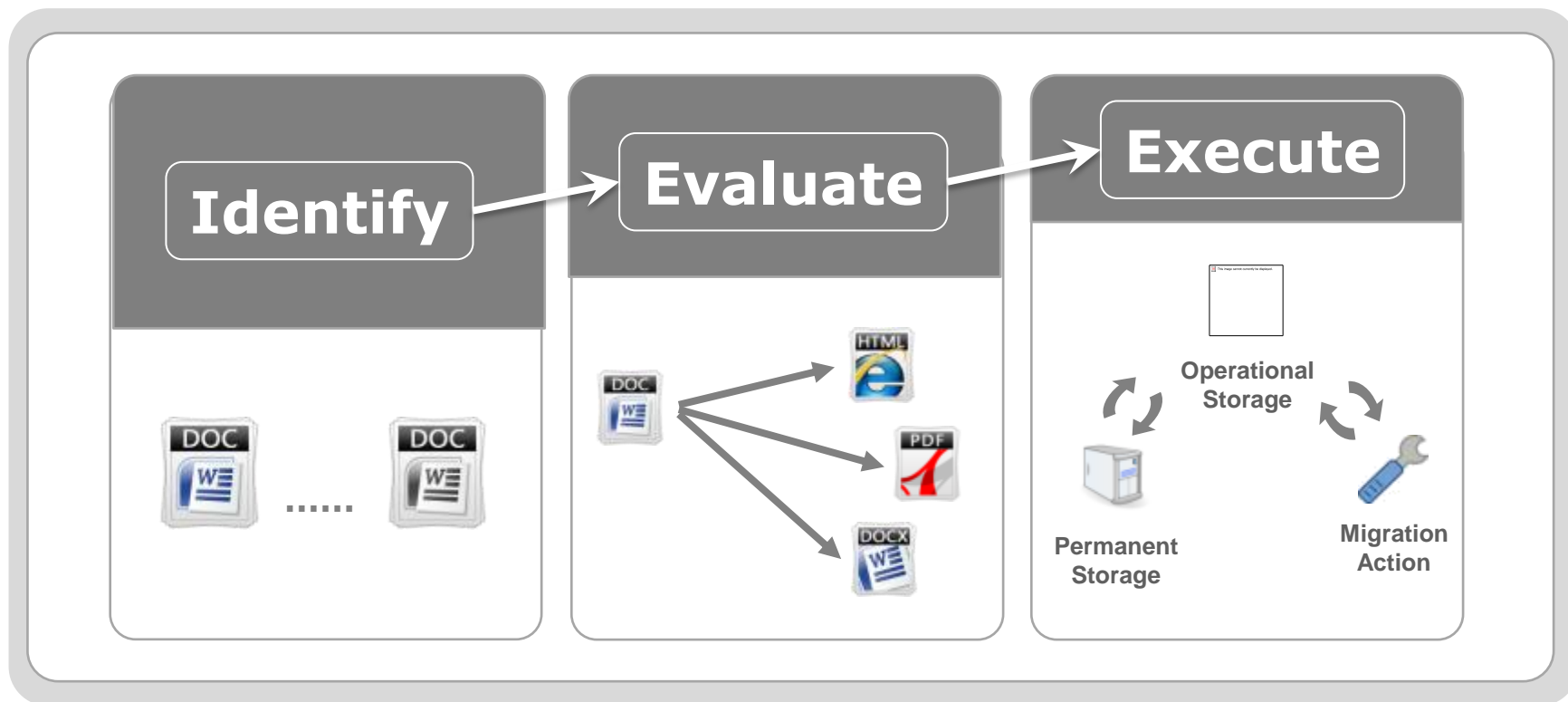
Rosetta Solutions - Key Features

Community Driven Knowledge Base

Active Preservation

Complete
Digital Preservation Solution

Open & Integrative

Web Interface

OTB Configuration

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Rosetta

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
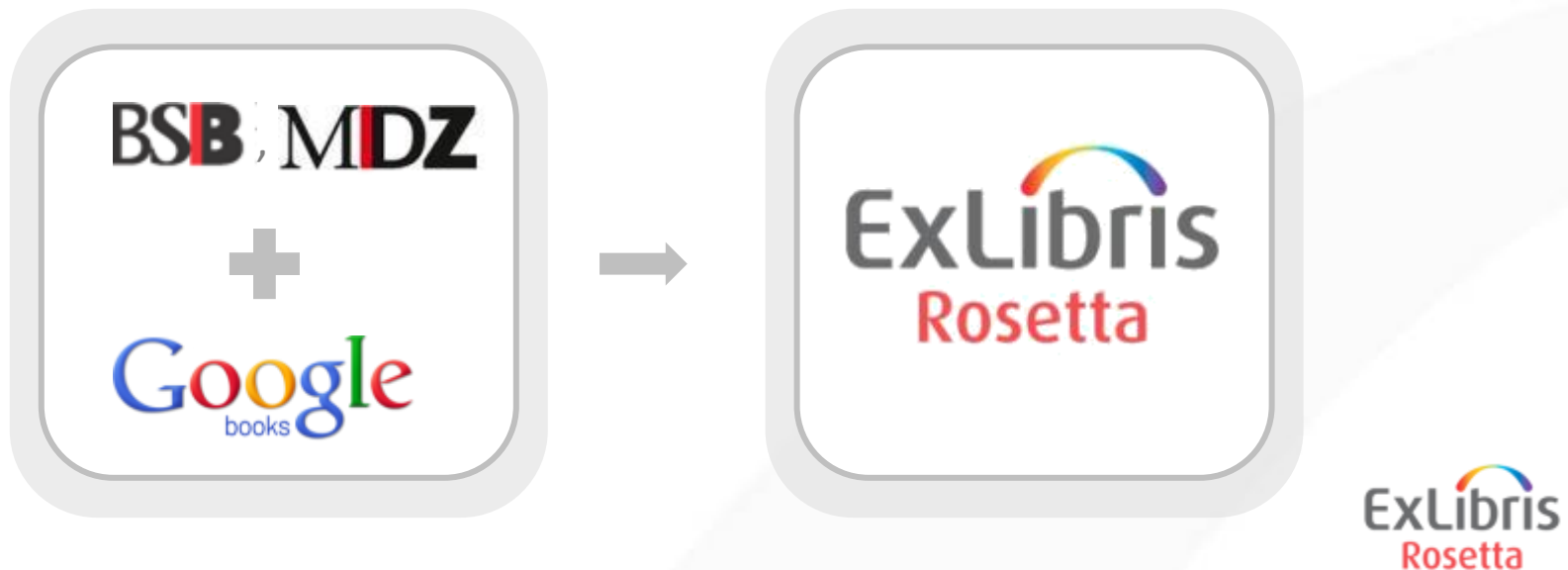
SLUB Dresden

Preserving Local Dissertations (Research Data)

Offering additional alternative platform for non-published materials,

for example: ETH Bibliothek's e-collection

Preserving Research Data

Complying and certifying to latest requirements

Preserving Cultural Heritage Collections

National Library of New Zealand's Royal Ballet Photos
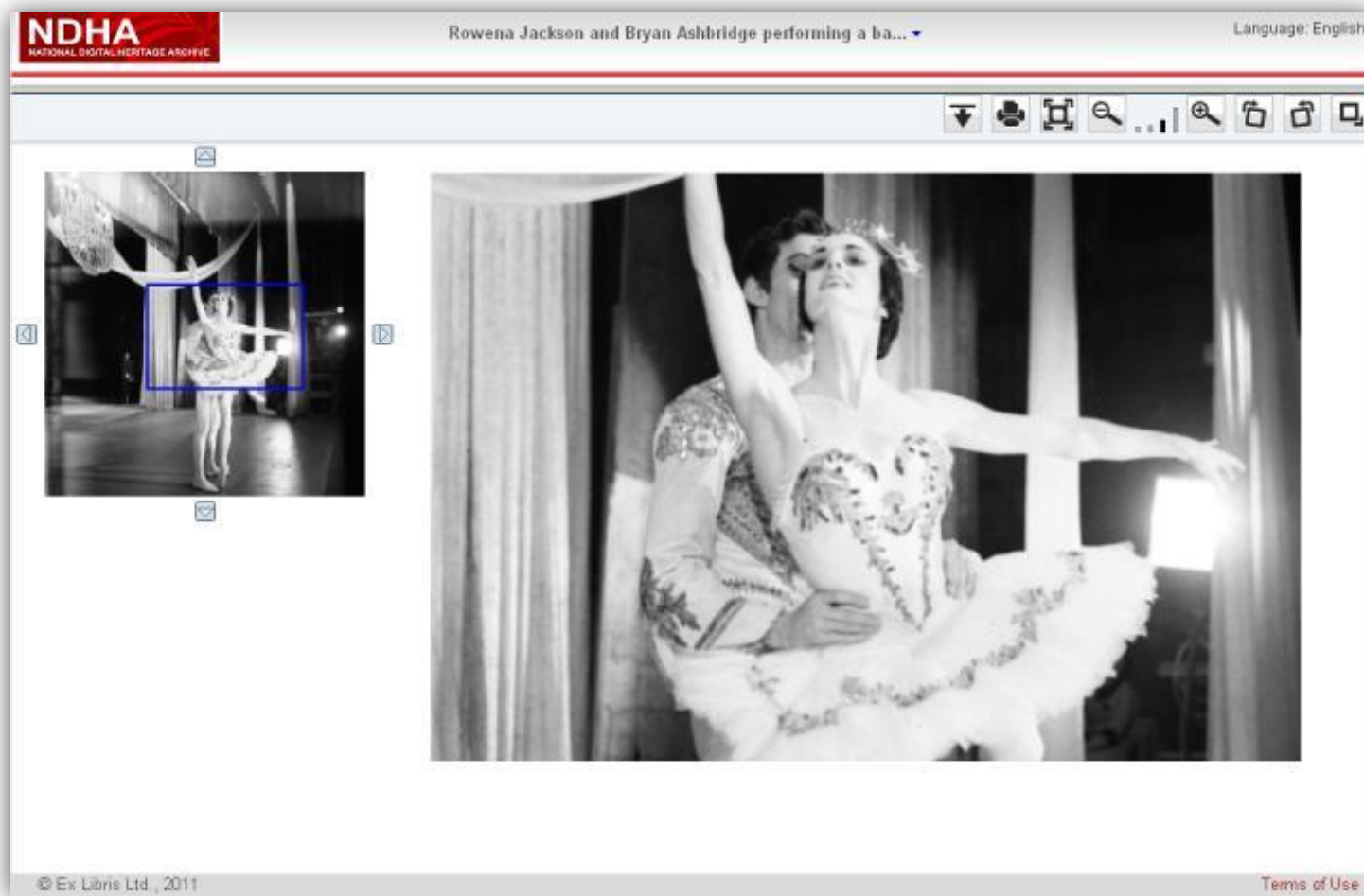
Digitally-Born Collections

Ensure the library stays relevant in the digital era

National Library of New Zealand Web Site Harvest

Highlights

Highlights
User Interface

Highlights
Collection Support

Highlights
Search Mechanism

Thank You!