



Alma-Rosetta, Can Two Walk Together?

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ExLibris
a ProQuest Company

Introductions

- Zvi Fass - Rosetta Development Team Leader
 - In Ex Libris since 2006
 - Part of the Rosetta Development team since day one
 - Development Team Leader for the past two years

Objectives and Target Audience

- In this session we will review and demonstrate different ways Alma integrates with Rosetta.
- Session Objective(s)
 - Understand the different ways to integrate Alma and Rosetta
- Session Target Audience:
 - All Rosetta/Alma users.

Agenda

- 1 Alma-Rosetta Integration - Introduction
- 2 Metadata management
- 3 Digitization - Alma Submission Application
- 4 Digitization – Create/Delete Alma Digital Inventory Task
- 5 Access Rights Check Service

Alma-Rosetta Integration - Introduction



Alma-Rosetta Integration - Introduction

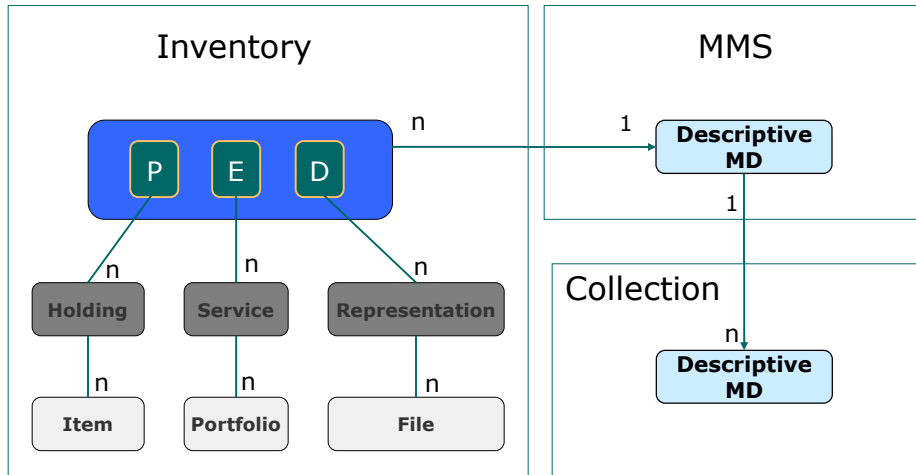
**Manage Digital
Objects Metadata
in Alma using the
familiar Alma UI**

**Seamlessly Preserve
Objects' Data and
Metadata in Rosetta**



**Automatic Metadata
Synchronization**

Alma Repository Data Model

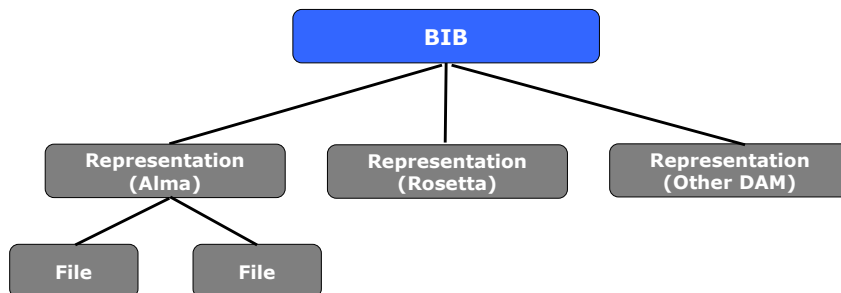


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Alma Remote Repositories

- Alma stores a 'remote' representation without file-level details
- Metadata typically provided using OAI-PMH (not mandatory)
- Metadata can be managed in Alma or in the remote repository
- Part of Alma collections
- Publish metadata to discovery system from one centralized source
- Access control and delivery by the remote repository (HTTP/S)



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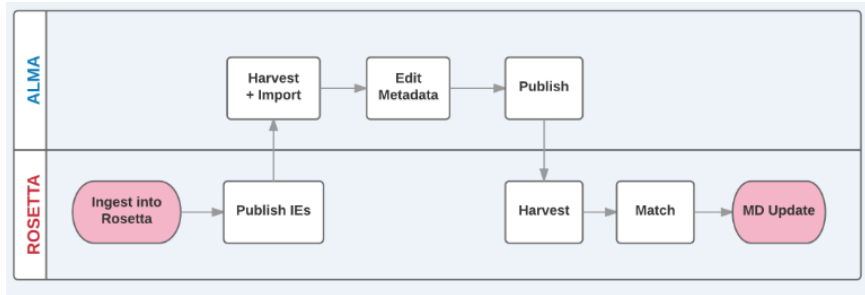
Access Rights Check Service

Metadata management



Metadata management - overview

- Metadata Management – Born Digital Material
- Two-Way Metadata Synchronization Using OAI-PMH

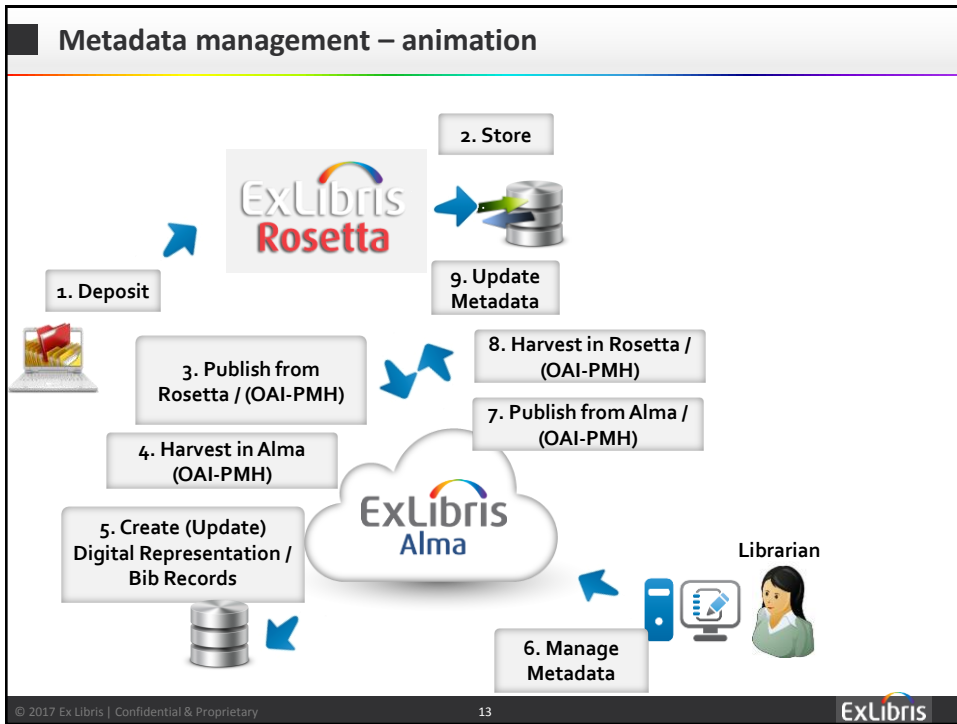


Metadata management

- In order to create a full cycle of synchronization between Alma and Rosetta you need to configure the following:
 - Rosetta publishing configuration
 - Alma MD import job
 - Alma publishing
 - Rosetta Harvesting Job
 - Metadata Update Job

The matching between Rosetta and Alma is done by using the following syntax:

```
<dc:identifier>oai:rosetta-demo:IE46893</dc:identifier>
```



Metadata management

- Live demo

LIVE DEMO

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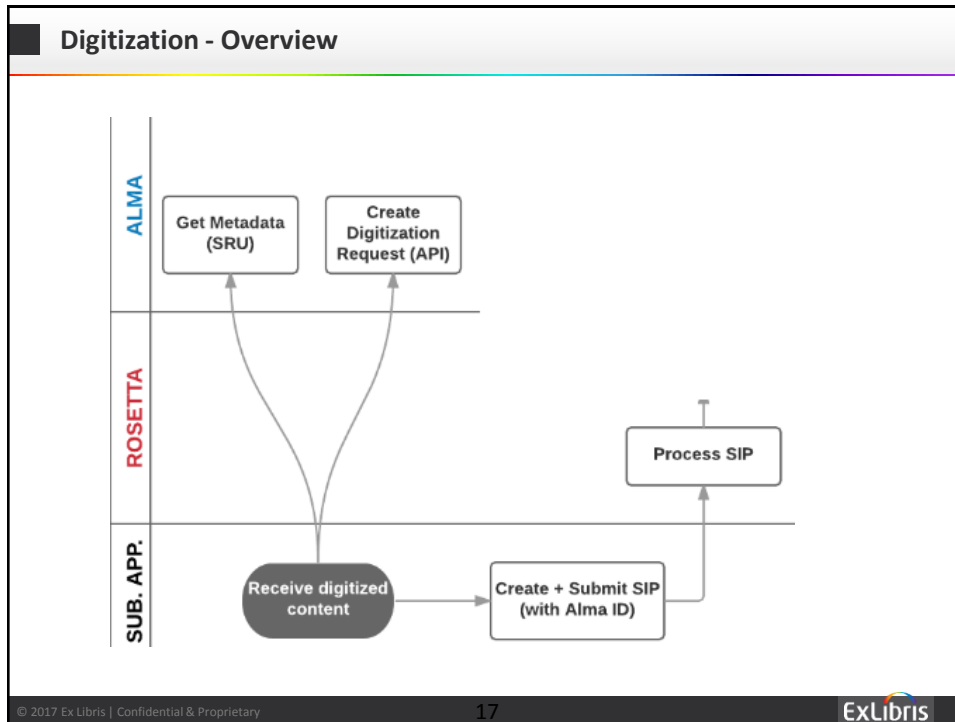
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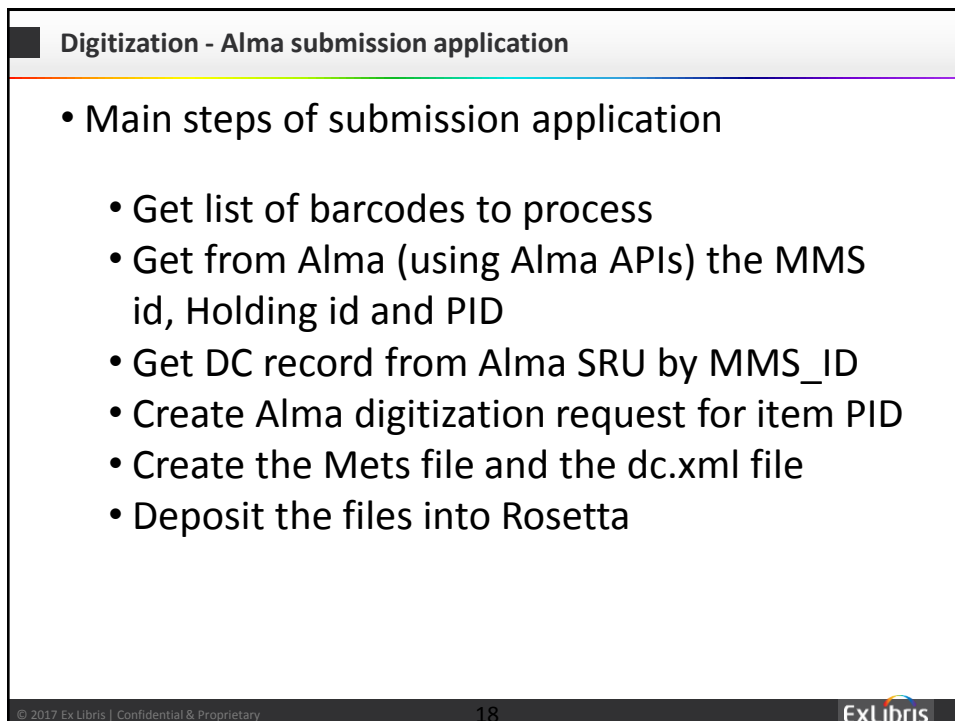
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Digitization - Alma Submission Application



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Digitization - Alma Submission Application

- Dive into Submission Application code 
- The Rosetta Alma Submission Application is available on [github](#).
Requires Rosetta v5.2 and higher.
- Live demo



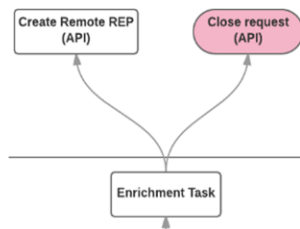
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Digitization – Create/Delete Alma Digital Inventory Task

Digitization – Overview



Digitization – Create/Delete Alma Digital Inventory Task

New Out of Box Tasks

1. Create Alma Digital Inventory_Task



- Can be executed as part of Enrichment or in a separate process.
- Task does the following:
 - Retrieves the Alma MMS ID object Identifier from the DNX
 - Executes the Alma rest API that creates the Digital Inventory
 - Adds the Alma Representation PID?? (returned by API) as an object Identifier to the DNX.

Digitization – Create/Delete Alma Digital Inventory Task

2. Delete Alma Digital Inventory_Task

- Can be executed as part of the delete task or in a separate process.
- Task does the following:
 - Retrieves the Alma Representation PID object Identifier from the DNX
 - Executes the Alma rest API that deletes the Digital Inventory
 - Removes the Representation PID from the DNX If the 'Remove MMS ID' parameter is checked.

Digitization – Create/Delete Alma Digital Inventory Task

- Dive into Task code 
- The Alma Integration Plugin is available on [github](#).
- Live demo 

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Access Rights Check Service


Access Rights Check Service



Access Rights Check Service

- The service is operated by a HEAD http request on the delivery URL.
- Service returns the HTTP response code and in addition the Access Rights message.
- Live demo on Alma





Next Steps and Support Resources

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Next Steps and Support Resources

- Include documentation links relative to the topic:
 - [Digitization blog](#)
 - [Alma-Rosetta Integration Guide](#)
 - [OAI-PMH Harvesting](#)
- Additional support resources within the ExLibris Ecosystem:
 - [Idea Exchange](#)
 - [Developer Network](#)
- [Technical Seminar Presentations](#)
(located in the Cross-Product section of the CKC)

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Q & A


Any Questions?



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