



Digital Forever

ExLibris **Rosetta**

Rosetta Product Update

ELUNA | 2014

Nir Sherwinter

Rosetta Product Manager

Agenda

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Status Update

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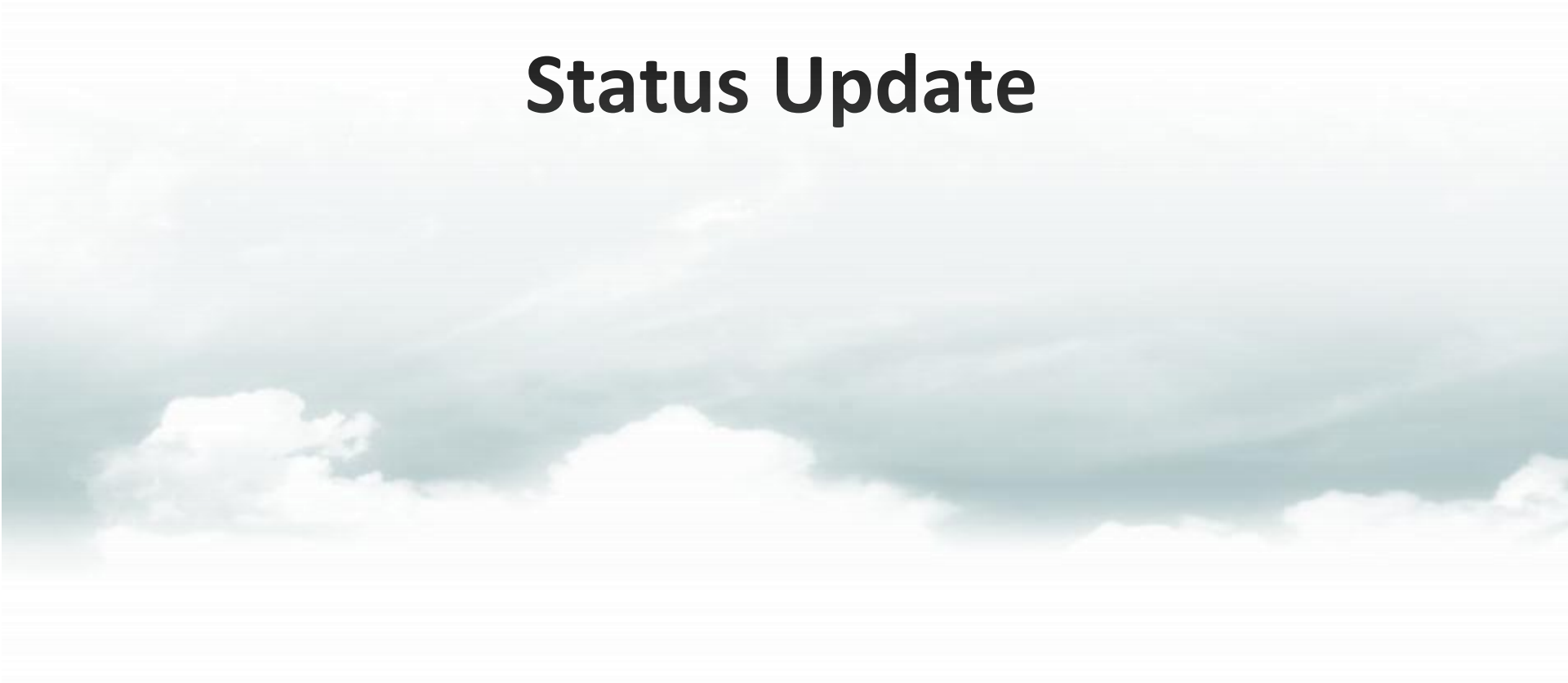
Alma – Rosetta Integration

5

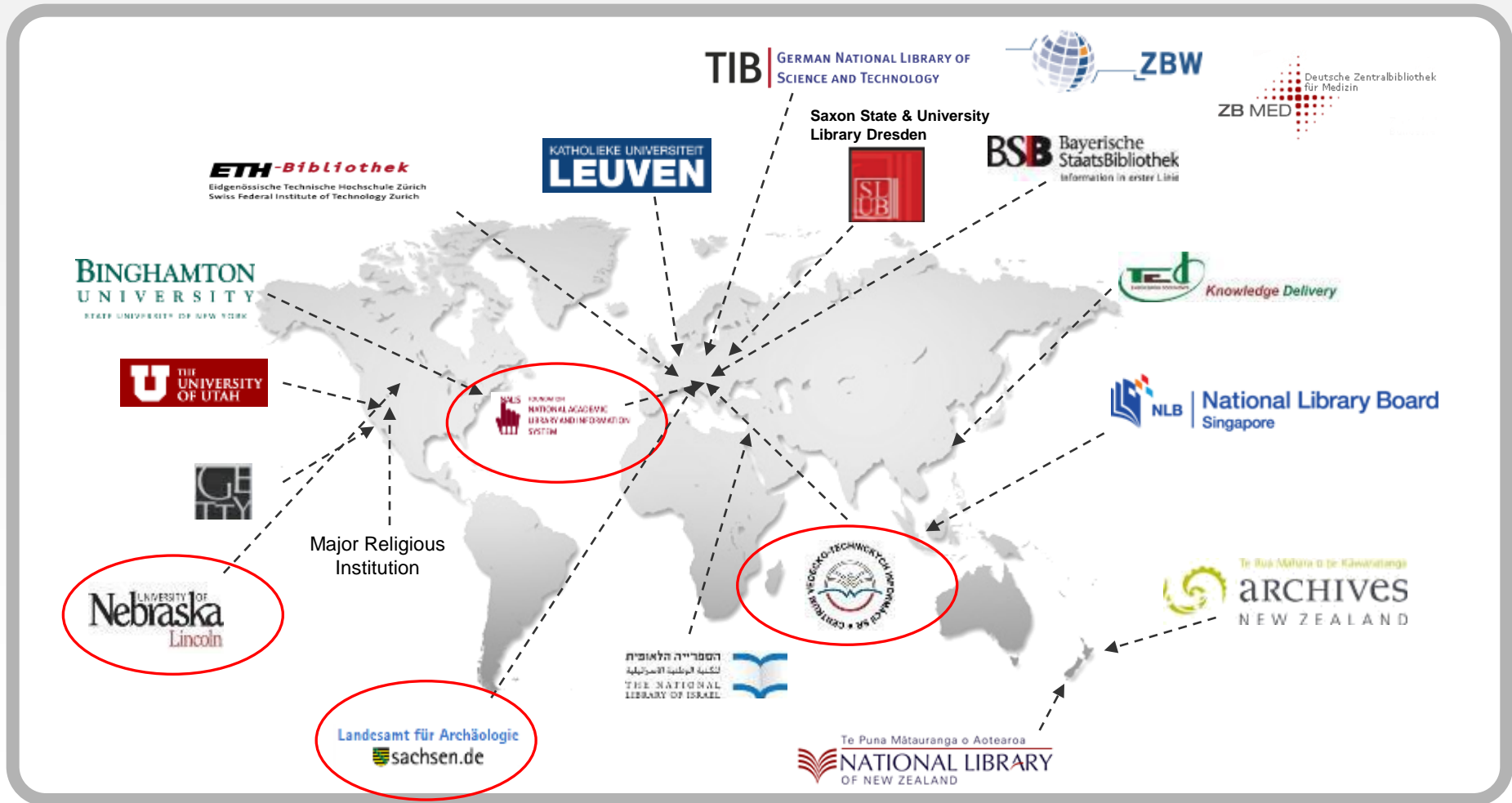
Demo and Q & A



Status Update

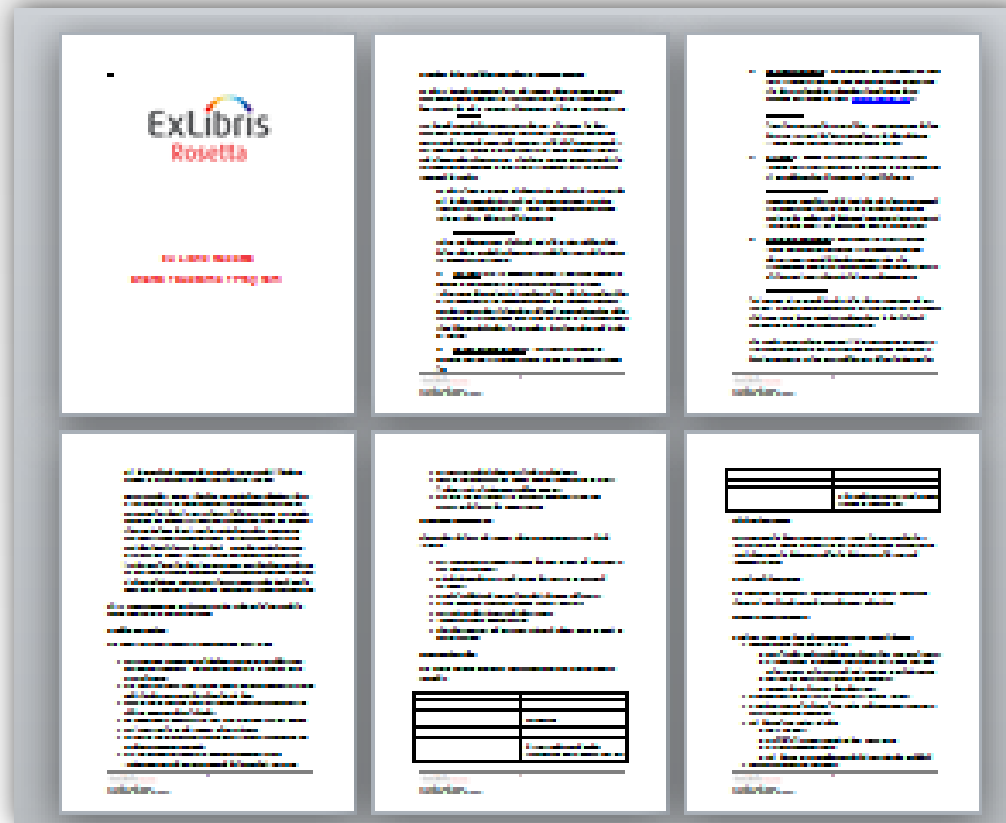


Rosetta Customers Around the World



 New customers since last product update

Collaboration - Rosetta Advisory Group



We have more than 250 improvements logged and prioritized by our customers!

Industry Collaboration - Update



Integration with Rosetta, test bed implementation, plays key role in project take up, sustainability and platform design.

16 Partners

Focus on large scale digital preservation

Status:

- Started Feb 2011 (4 year project)
- Rosetta is part of the platform and testbed – APIs were developed

The logo for PrestoPRIME, consisting of the word "Presto" in white above "PRIME" in white, both on a red rectangular background.

Presto
PRIME

PrestoPRIME

Rosetta used to test all tools developed for "Commercial Readiness"

Ex Libris' Rosetta experts are massively contributing to solutions design & development.

15 Partners

Focus on preservation of Audiovisual

Status:

- Expected to end by Nov 2012,
- Rosetta integrated with AV tools

Finished Successfully

We are exploring new industry collaboration opportunities!

Version 3.2 Highlights



	3.2.2.1	02/Apr/14	3.2.2 1st Hot Fix
	3.2.2	16/Feb/14	Version 3.2 SP 2
	3.2.1.2	04/May/14	3.2.1 2nd Hot Fix
	3.2.1	27/Oct/13	Version 3.2 SP 1
	3.2	10/Jul/13	Version 3.2
	3.1.1	29/Apr/13	Version 3.1 SP 1

Full Repository Re-index

ExLibris Rosetta Administration User: John Smith | Language: English | Help | Logout

Home **Advanced Configuration** Quick Launch | Site Map

Home > Advanced Configuration > Repository > Index Status

Index Instances

Server Name	Health	Index Size (Files)	% Full	Weight	Awaiting Index (IEs)
dc03vg0083eu.hosted.exlibrisgroup.com	UP	12720	<input type="text"/>	1	0

Index Errors

IE records in Exception Queue: 0 **Re-index**

Index Operations

Reindex Full Repository

[< Back](#) **Refresh**

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New Elements on Rep and File Levels

Access Rights →

ExLibris Rosetta

User: Jake Smith | Language: English | Help | Logout

Home Producers Submissions Data Management Preservation Site Map

Intellectual Entity > Add Representation - Details

IE General Information

Intellectual Entity PID	REP1214	Created on	18/10/2010 07:39:09	Created by	admin1
Updated on	24/02/2011 13:57:38	Updated by	admin1	SIP ID	18
Version	5				

Please provide details on the Representation you are adding

Label:

* Preservation Type:

Usage Type:

Access Rights Policy:

Representation Code:

Next >

ExLibris Rosetta

Home Producers Submissions

Add Metadata Wizard

Insert new (empty)

Choose Metadata type:

- Source - MARC
- Source - DC
- Source - MODS
- Source - Copyrights
- Source - Rights
- Source - Other

Back

Edit metadata

← Source/Descriptive MD

Updating Existing Representations (API/UI)

All Classes

Packages

- [com.exlibris.core.sdk.exceptions](#)
- [com.exlibris.core.sdk.formatting](#)
- [com.exlibris.core.sdk.repository](#)
- [com.exlibris.core.sdk.storage.config](#)
- [com.exlibris.core.sdk.storage.handler](#)
- [com.exlibris.ditafoot.common.dmv](#)

Classes

- [UserAuthorizeException](#)
- [DublinCore](#)
- [DublinCoreFactory](#)
- [FeedValidatorPlugin](#)
- [FileInfo](#)
- [Filefy](#)
- [FilefyFileAlgorithm](#)
- [FilefyEvent](#)
- [FormatIdentifierPlugin](#)
- [IEEditor](#)
- [IEFileInfo](#)
- [IEParser](#)
- [IEParserFactory](#)
- [IEWebServices](#)
- [IEWSException](#)
- [InstitutionAccessException](#)
- [InvalidCollectionInfoException](#)
- [InvalidMDEException](#)
- [InvalidTypeException](#)
- [InvalidXmlException](#)
- [LockedException](#)
- [MDEExtractorPlugin](#)
- [Metadata](#)
- [NotInPermanentException](#)

[UserAuthorizeException](#)
[IEWSException](#)

updateRepresentation

```
long updateRepresentation(java.lang.String pdfHandle,
    java.lang.String iePid,
    java.lang.String repPid,
    java.lang.String submissionReason,
    RepresentationContent [] representationContent)
    throws UserAuthorizeException,
    LockedException,
    java.lang.Exception
```

This method update an existing representation, according to the given RevisionContent objects list.

Parameters:

- pdfHandle -
- iePid - The IE under which this representation would be updated
- repPid - The representation which is updated
- submissionReason - The submission reason for the update
- representationContent - A RepresentationContent object. Represents the updated content (i.e. the difference between the existing Rep

Returns:
The rap

Throws:
[UserAuth](#)
[LockedE](#)
java.la

ExLibris Rosetta

User: John Smith | Language: English ▾ | Help | Logout

[Home](#) | [Producers](#) | [Submissions](#) | [Data Management](#) | [Preservation](#)

Site Map

✉ **Intellectual Entity > Update Representation - Details**

IE General Information

Intellectual Entity PID	IE 1213	Created on	18/10/2010 07:39:09	Created by	admin1
Updated on	24/02/2011 13:57:38	Updated by	admin1	SIP ID	18
Version	5				

Please explain why the need to add/update representation without a preservation plan

Submission Reason

[Add New File](#)

#	File Name	Label	Size	PID	Actions
1	Sample 1.tif	Sample 1	11.96	FL1215	Edit Remove Replace

Cancel
Submit

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Search Facets

ExLibris Rosetta Management User: John Smith | Institution: Demo Institution | Language: English | Help | Logout

Home Producers Submissions Data Management Preservation Quick Launch Site Map

Home > Search

Refine Results

IE Entity Type

- ALTO (5)
- Album (3)
- WebHarvestIE (3)
- Movie (2)
- PeriodicIE (2)
- [See All](#)

Collections

- Litvak Special Coll...
- 10014910 (37)
- 10015241 (37)
- Van Gogh Painting...
- Harvard Demo (18)
- [See All](#)

[Clean Facets](#)

Search Conditions Sort Columns

Search level: Intellectual Entity Representation File

[Add Conditions](#)

Match of the following conditions:

>

[Clear Search](#)

[Search](#)

[Results](#)

1 - 50 of 5,756 Records [1](#) [2](#) [3](#) >>

#	Title (DC)	Type (DC)	IE PID	SIP ID	Authoritative Name	IE Creation Date				
1	LZW_TIFF		IE1052	4	Demo Internal Producer	06/10/2010	View	METS Viewer	Info	Export
2	Sample 1		IE1067	5	Demo Internal Producer	06/10/2010	View	METS Viewer	Info	Export
3	נסיון בעברית אחרי 3.2		IE1070	5	Demo Internal Producer	06/10/2010	View	METS Viewer	Info	Export
4	Northwestern Book Example 2		IE10820	96	Demo Internal Producer	11/03/2011	View	METS Viewer	Info	Export
5	books	Photographic Archive	IE1114	9	Printing Office Producer	07/10/2010	View	METS Viewer	Info	Export
6	David	Photographic Archive	IE1117	9	Printing Office Producer	07/10/2010	View	METS Viewer	Info	Export

New Plugin for METS ALTO

ExLibris Rosetta

New-York tribune., April 16, 1912

1,340 PERISH AS TITANIC SINKS; ONLY 886, MOSTLY WOMEN AND CHILDREN, RESCUED

ON SEA AND LAND

WIRELESS COMMUNICATION

It is a fact that the Titanic was the first ship to be equipped with wireless communication. The ship's wireless operator, Jack Phillips, was the first to receive a distress signal from the ship. Phillips was the first to attempt to contact the ship, but his efforts were in vain. The ship's wireless operator, Phillips, was the first to attempt to contact the ship, but his efforts were in vain.

...the Titanic was the first ship to be equipped with wireless communication. The ship's wireless operator, Jack Phillips, was the first to receive a distress signal from the ship. Phillips was the first to attempt to contact the ship, but his efforts were in vain.

Format Library Working Group - Update

Developments:

- Add the Ability to create new DNX Significant Properties (3.2)
- DROID signature updates
- Adding format identification plugins to FL export
- More...

Issues:

- Bit rot paper from Jay Gattuso
- Format issues (FLAC, MP4 etc..)
- Discussion and decision about auto update of FL by EXL with each new Rosetta version
- More...



Rosetta Roadmap

Rosetta – Roadmap Highlights

3.2.2

Scalability Improvements for manual uploads
SDK Improvements
Integration with SCAPE platform

4.1

Process Automation Improvements
Delivery Separation Improvements
Bit Stream Preservation Functionality
SCAPE Demo
More...

Q1 2014

Q2 2014

Q3 2014

Q4 2014

4.0

Improve Collection Management
Improve Search User Experience
Storage Monitoring
Folder Submission (for Research Data)
More DAM and Research Data features

Rosetta Roadmap Highlights

Bit Stream Preservation Functionality

Storage Monitoring

Folder Submission (for Research Data)

**Scalability Improvements for
manual uploads**

**SDK Improvements
Integration with SCAPE platform**

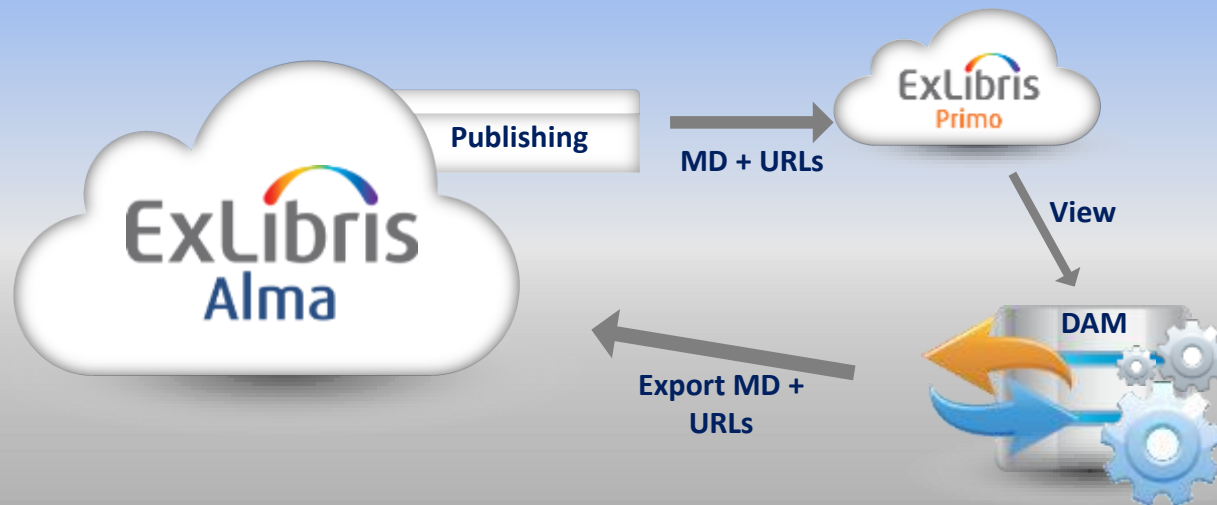
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Alma – Rosetta Integration

Alma Digital Functionality - current

- OAI-PMH Harvesting by Alma (file or URL)
- Creation of Digital representation when bib records are found and creation of new bib records having digital representation when bib records are not found (using matching and normalization rules).
- 'View It' is available for remote digital items

How it will work



Items in Alma with Digital Representation

A title (bib record) having digital and physical items, the digital item is stored in Rosetta:

The screenshot displays the Ex Libris Alma interface. At the top, the logo for Ex Libris Alma Development is visible, along with a search bar and navigation links like 'Tasks' and 'Currently at: O'Neill - Default Circulati...'. The main search area shows a query for '9921194420100121' with filters for 'Keywords' and 'contains'. The search results are sorted by 'Rank'.

The search results show one record for the book: **Christian Franz Freiherr von Eberstein (1719-1797) : ein gelehrter Domherr des Basler Domkapitels im 18. Jahrhundert / Felix Ackermann ; mit Beitr?gen von Therese Wollmann ... [et al.] ; herausgegeben vom Verein Freunde des Domes zu Arlesheim.** The record includes the author, title, and publication information (Basel : Schwabe c2004.). The subject is 'Catholic Church History. Switzerland Arlesheim -- Catholic Church Biography. Clergy Switzerland Arlesheim -- Eberstein, Christian Franz, Freiherr von, 1719-1797. -- Catholic Church History. Switzerland Arlesheim -- Catholic Church Biography. Clergy Switzerland Arlesheim and others'. The language is German. The availability is listed as 'Physical version at ONL: STACK (1 copy, 1 available)' and 'Digital version(from Rosetta) of type PRESERVATION_MASTER'. A red box highlights the availability information.

At the bottom of the page, there is a copyright notice for Ex Libris Ltd., 2013, and a note that the page took 2762ms to load.

View Digital Object in Alma from Rosetta

'View It' for remote digital:

1 [Switzerland; history, landscape, architecture / Martin Hurlimann.](#)

Book (Zurich : Atlantis, c1960.)

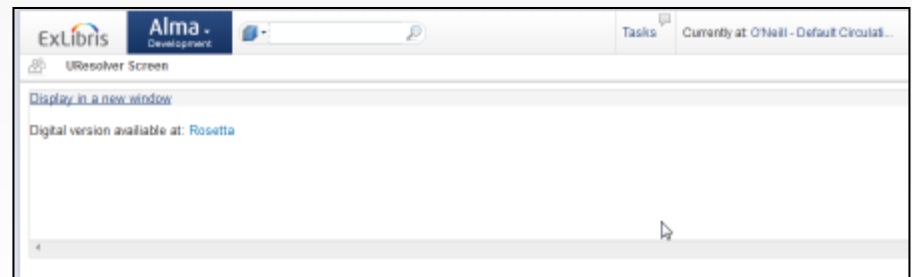
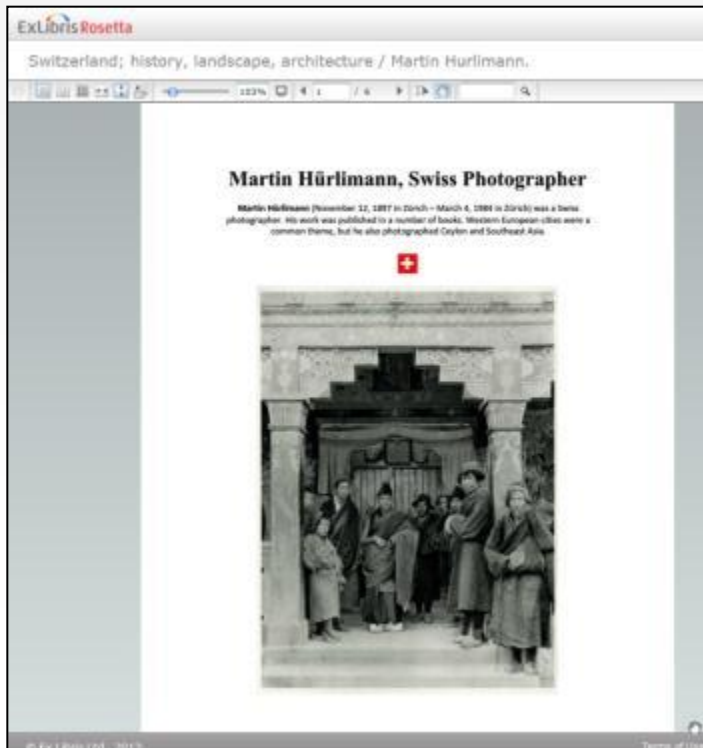
Subject: Switzerland; history, landscape, architecture

Record number: oai:d411-pubam:IE24241

Availability: [Physical version](#) at **ONL: UNASSIGNED** (1 copy, 0 available)

[Digital version](#)(from [Rosetta](#)) of type PRESERVATION_MASTER

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Thumbnails from Rosetta

Digital titles search – thumbnails are displayed (from Rosetta):

The screenshot displays the ExLibris Alma digital titles search interface. The search criteria are set to 'Digital titles' where 'Keywords' 'contains' 'van gogh'. The results are sorted by 'Publication Year' and show 1-20 of 20 records. The first six results are listed below:

Rank	Title	Year	Material Type	Availability
1	Portrait of the Artist Mother (Van Gogh)	1888	Visual material	Digital version from Rosetta Repository
2	Les Arnes	1888	Visual material	Digital version from Rosetta Repository
3	Starry Night Over the Rhone	1888	Visual material	Digital version from Rosetta Repository
4	Farmhouse in Provence	1888	Visual material	Digital version from Rosetta Repository
5	The Church at Auvers	1890	Visual material	Digital version from Rosetta Repository
6	Irises	1889	Visual material	Digital version from Rosetta Repository

Demo and Q & A

Demo Items (As long as time permits...)

- Collection integration with Alma
- IIPImage (external viewer) at NLI
- METS ALTO Support
- Search Facets





Thank You!