



Integrating Digital Deposits into Your Library Systems

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Who Am I?

- Been with Ex Libris since 2010
- Responsible for several Resources Management development teams:
 - *Legacy ILSs*: Aleph, Voyager
 - *Digital*: Rosetta and Alma DRM
 - *Alma Ex(tended)*: APIs and Regional
- How to reach me:
 - [Developer Network Blog](#)
 - Github.com/jweisman
 - Twitter- @joshmweisman

Objectives and Target Audience

- By the end of this sessions you will know, understand and/or be able to:
 - Configure deposit profiles in Alma
 - Perform staff mediated and user initiated deposits using Alma interfaces
 - Use Alma's support for the SWORD protocol to perform a scripted deposit
 - Understand how get starting developing a custom deposit interface using SWORD
- This session is intended for system librarians and developers

Agenda

- 1 Introduction to Deposits in Alma
- 2 Configuring Deposits
- 3 Performing Deposits Using Alma Interfaces
- 4 Performing Deposits Using Alma's SWORD Support
- 5 Next Steps, Support Resources and Survey



Introduction to Deposits in Alma

Deposits in Alma

- Patrons or staff can submit digital content to Alma to be added to the digital repository
- Deposits consist of:
 - suppressed bibliographic record in Dublin Core format
 - a digital representation
 - one or more digital files
- Use cases:
 - Institutional repository
 - Research theses and data



Configuring Deposits

Configuring Deposits

- The following elements can be configured for deposits:
 - Deposit Profiles
 - Deposit Return Reasons
 - Deposit Decline Reasons
 - Patron Deposit Templates
- All have defaults except for deposit profiles

Configuring Deposit Profiles

- Deposit profiles define “paths” through which users can deposit materials.
- Examples might be “theses” or “university newspapers”
- Important fields include:
 - Material properties- Collection and Access rights
 - Who/how to deposit- Instructions and user groups





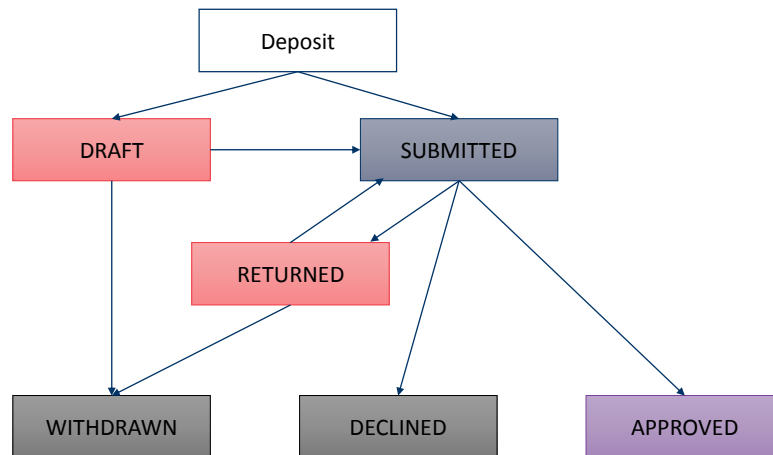
Performing Deposits Using Alma Interfaces

Staff Mediated Deposit

- Allows staff members to deposit material on behalf of patrons.
- Staff mediated deposits are always auto-approved

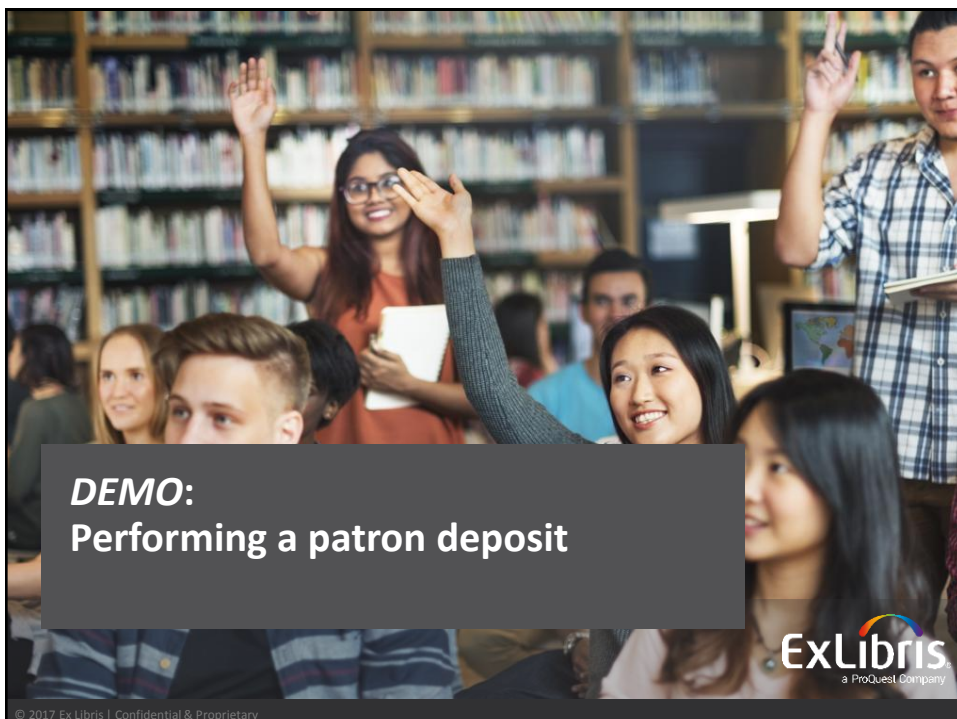
Deposit Approval Workflow

- Deposits made by patrons arrive in a Deposited



Patron Deposits

- Using the Primo (new UI) or as a stand-alone application, you can expose a UI for patrons to deposit materials directly into Alma
- The interface provides the following features:
 - List of deposits
 - Create a new deposit
 - Edit/withdraw a pending deposit



DEMO:
Performing a patron deposit



Performing Deposits Using Alma's SWORD Support

■ SWORD

SWORD (Simple Web-service Offering Repository Deposit) is an [interoperability](#) standard that allows [digital repositories](#) to accept the deposit of content from multiple sources in different formats (such as [XML documents](#)) via a [standardized protocol](#).

Wikipedia

[https://en.wikipedia.org/wiki/SWORD_\(protocol\)](https://en.wikipedia.org/wiki/SWORD_(protocol))




SWORD Support in Alma

- Alma SWORD support enables an institution to create a custom deposit interface
- The workflow can be as basic or involved as desired
 - From only submitting a deposit to a full approval workflow including return edit
- Standard SWORD [client toolkits](#) can be used, such as:
 - Java: <https://github.com/swordapp/JavaClient2.0>
 - Ruby: <https://github.com/swordapp/sword2ruby>
 - Python: <https://github.com/swordapp/python-client-sword2>
 - PHP: <https://github.com/swordapp/swordappv2-php-library/>

SWORD Support in Alma

Method	Description
GET /sd	Get Service Document
GET /edit/<deposit-id>	Get Deposit details
PUT /edit/<deposit-id>	Replace metadata
POST /collection/<deposit_profile_id>	Create resource
POST /edit-media/<deposit_id>	Add content
DELETE /edit-media/<deposit_id>/<filename>	Delete content
DELETE /edit/<deposit-id>	Withdraw deposit
PUT /edit/<deposit-id> "In-Progress: false"	Submit in progress deposit



DEMO:
Getting started with SWORD

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DEMO:
Building a deposit interface with SWORD

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Next Steps and Resources

Next Steps and Support Resources

- Documentation:
 - [Deposit Online Help](#)
 - [SWORD on the Developer Network](#)
 - [Blogs on the Developer Network](#)
- Additional support resources within the ExLibris Ecosystem:
 - [Idea Exchange](#)
 - [Developer Network](#)
- [Technical Seminar Presentations](#)
(located in the Cross-Product section of the CKC)

Q & A


Any Questions?



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Session Survey Evaluation

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to provide feedback on your sessions:
<https://www.surveymonkey.com/r/techsem2017>

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