

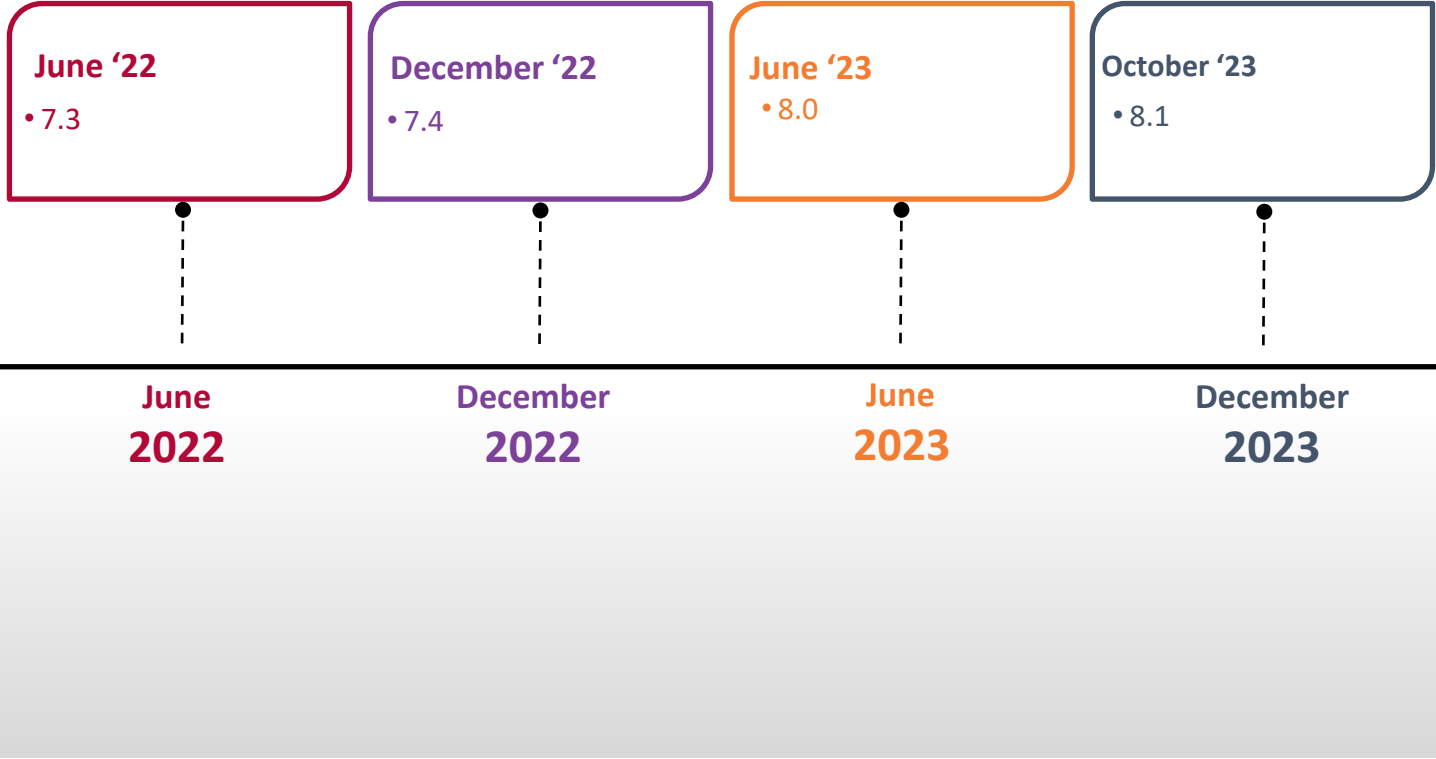


Rosetta Roadmap

Proposed Product Feature Set for 2022-2023 and beyond

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Release Plan





Rosetta Version 7.3

Security 3rd party upgrades

Ex Libris is committed to providing a secure and vulnerability-safe environment for your data

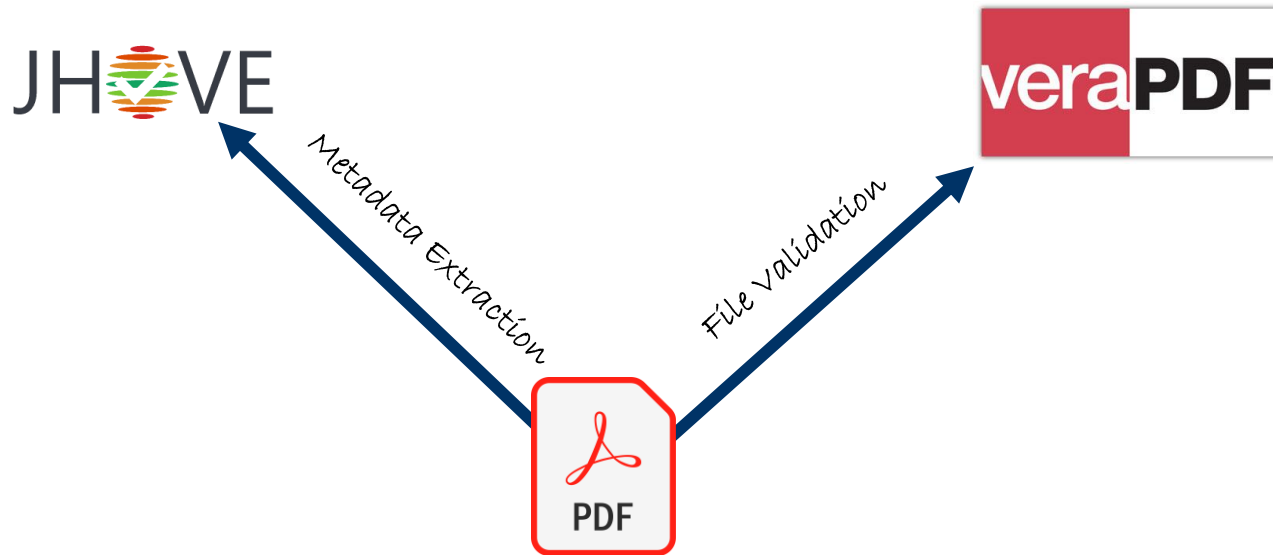
- BIRT
- Cantaloupe
- Struts
- CXF
- Jackson
- ESAPI
- commons-beanutils
- Xalan
- CMS Converter Tool
- Hibernate
- Spring

Data Encryption

- Personal data encrypted at rest in the data base – staff and producers
- Personal data in METS is not encrypted at rest

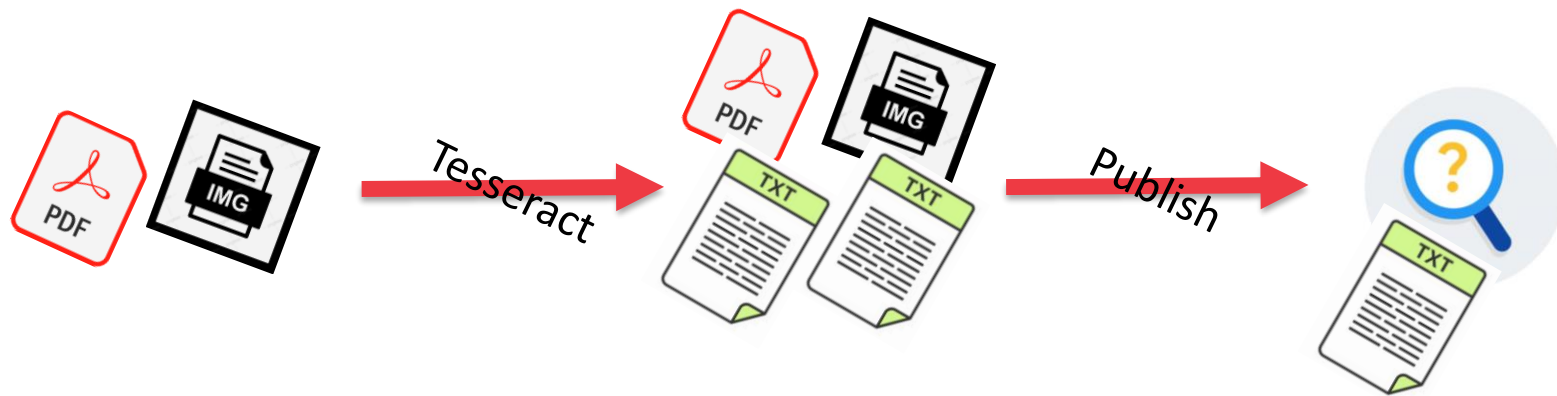
Preservation Splitting Validation and Extraction

Support integration of different tools for technical metadata extraction and format validation



Data Management Full-text Management

- Plugin-based task to extract full-text from files
- OTB: TIKKA / Tesseract for image and textual files



Structural IEs: CSV Ingest

- Bulk submission of hierarchies via CSV
- Child to parent
- Add to existing or create entire tree in a single SIP

	A	B	C	D	E	F	G	H
1	Object Type	Title (DC)	Preservation Type	Usage Type	File Name	Parent IE Object Identifier Type	Parent IE Object Identifier Value	CSV IE Relationship Identifier
2	IE	My IE				PID	IE1078	
3	Representation	My REP	PRESERVATION_MASTER	VIEW				
4	file	file one			audio.mp3			
5	IE	My IE 2				CSV_IE_RELATIONSHIP_IDENTIFIER	1	
6	Representation	My REP 2	PRESERVATION_MASTER	VIEW				
7	file	file two			an_image.jpg			
8	IE	My IE 3				CSV_IE_RELATIONSHIP_IDENTIFIER	1234	
9	Representation	My REP 3	PRESERVATION_MASTER	VIEW				
10	file	file three			another_audio.mp3			
11	IE	Structural IE						1234
12								

Additional

- OAI harvester – configurable timeout
- Publishing Profiles – Allow same metadata format for multiple profiles
- Editing FileOriginalPath through UI
- CONTENTIDS attribute is now supported in the structMap div element





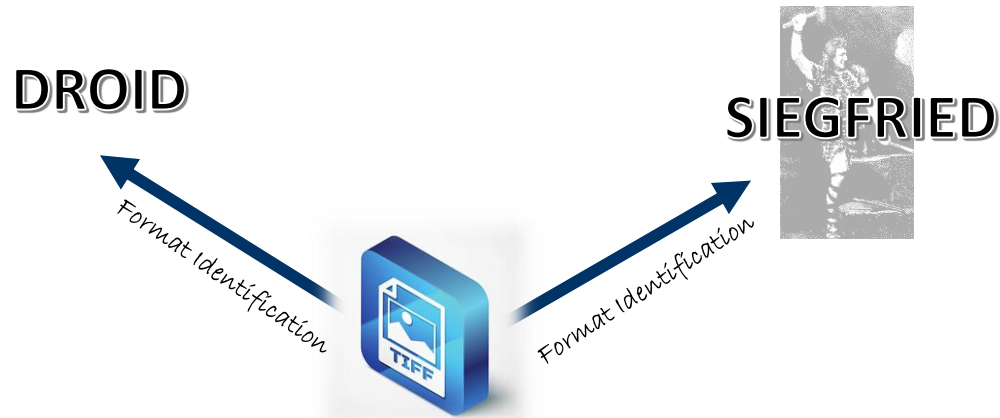
2023 and Beyond



2023 and Beyond: Preservation

Multiple file format identification

- Support running multiple identification tools to improve system reliability
- Expand beyond PRONOM registry



Risk Management

Risk Identification

- Create a risk inventory with files at risk
- Identify and handle property-driven risks at ingest
- Display property-driven risks in editor

Bulk Risk Assignment

- Edit risk from Risk identifiers library in Local Format Library
- Allow assigning a risk to multiple PUIDs at once in Local Format Library



2023 and Beyond: Integrations

REST APIs

Multi-stage epic for migrating all SOAP APIs to REST, following work done with an APIs focus group

- ❖ Improved interoperability
- ❖ Improved documentation
- ❖ Granular responses

Pre-ingest

- Enhanced integration with web archiving tools
- Enhanced integration will email archiving tools





2023 and Beyond: Data Management

S3 Storage Enhanced Support

Current

- S3 for permanent storage – cloud (AWS) or local (object storage)
- MD5 and other fixity validation

Plans

- S3 for operational storage
- Deposit via S3
- Direct delivery from S3



System Operations

- Enhancing date field search to allow multiple date formats
- Read-only user role for selected areas in administration
- Generate Logical StructMap from existing Logical



Thank you!

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ExLibris
Part of **Clarivate**