Rosetta 7.1 Highlights

July 2021

ExLibris The bridge to knowledge

CONFIDENTIAL INFORMATION

DISCLAIMER

TRADEMARKS

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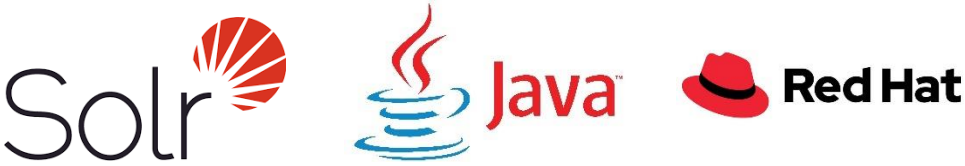
Infrastructure

1.1 3rd Party Upgrades

- Upgrade solr to 7.3 and SolrCloud ZooKeeper to 3.5.7, leading to a significant indexing performance improvement.

  Please note, service pack installation includes an indices upgrade step which could take longer than usual (1GB per minute). Previously indexed files are backed up under `$op_dir/indexes_backup_solr_6.5.0`.
- RedHat 8 certification
- Java 15 ugrade



1.2 Custom TLS certificates for SAML authentication

SAML certificates are decoupled from Rosetta versions, allowing institutions to stay up to date with the latest certificates, regardless of the Rosetta version installed on the servers.

util_sp supports deployment of a SAML certificate, copying the certificate package from the MFT server to the local Rosetta file system.

Restarting Rosetta will then allow configuring the new certificate in a SAML authentication profile.

Ex Libris team will continuously upload new SAML certificates to MFT.

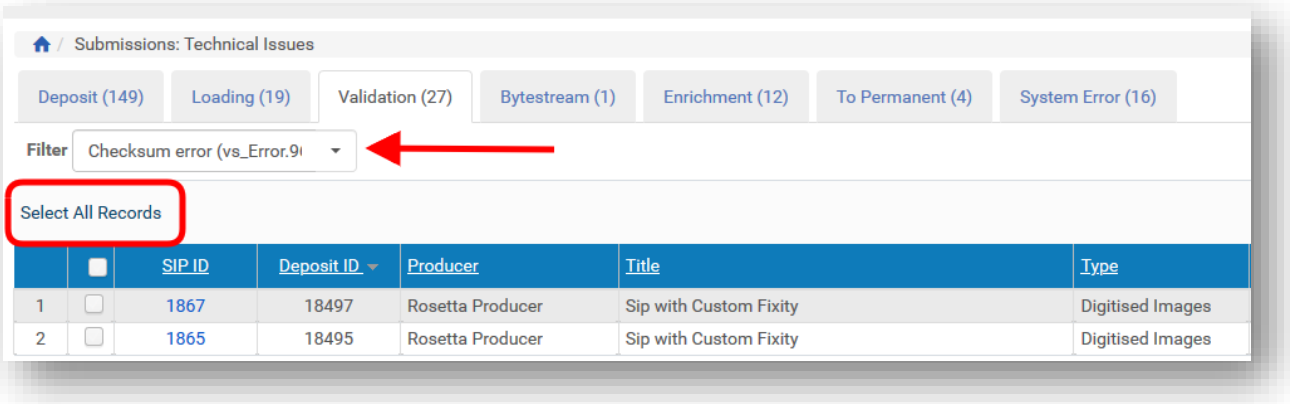
2

Data Management

2.1 Facilitate error handling for batch SIPs

Advanced filtering capabilities in the technical analyst workbench will provide better analysis tools and save time by supporting bulk actions on all SIPs affected by a given error. The following functionality was added to support this:

- Existing filter in validation tab now supports filtering all SIPs by any known error
- Added a "select all" action to all TA tabs (except Bytestream) which now provide 3 forms of selection altogether: Single SIP, single page and all pages.
- The combination of filter-by-error and select-all, allows running batch actions on all SIPs affected by a specific error, eg rerun / decline etc.



2.2 Publishing Enhancements

Publishing logs have been enriched with the following details, in order to provide better analysis tools for administrators:

IE publishing:

- Rosetta configuration name, in addition to existing configuration ID
- Count of IEs that have been added, removed and updated

Collection publishing:

- Details on collections which were published successfully

2.3 Verify files count match in CSV/ZIP deposit

CSV deposit with files count mismatch between the CSV and ZIP, will now fail at TA Deposit workbench with a detailed error message informing on the mismatch and providing details on which files differentiate the CSV and ZIP.

2.4 Submission Job for Automated BagIt ingest

Automated Bagit submissions are now supported via Rosetta's scheduled submission jobs.

2.5 Allow Exclusion of SourceMD from Indexing

Metadata Type and Other Source Metadata Subtype code tables moved to mapping tables and added new parameter: "Indexing required" to allow to exclude all source MD of a given type from indexing.

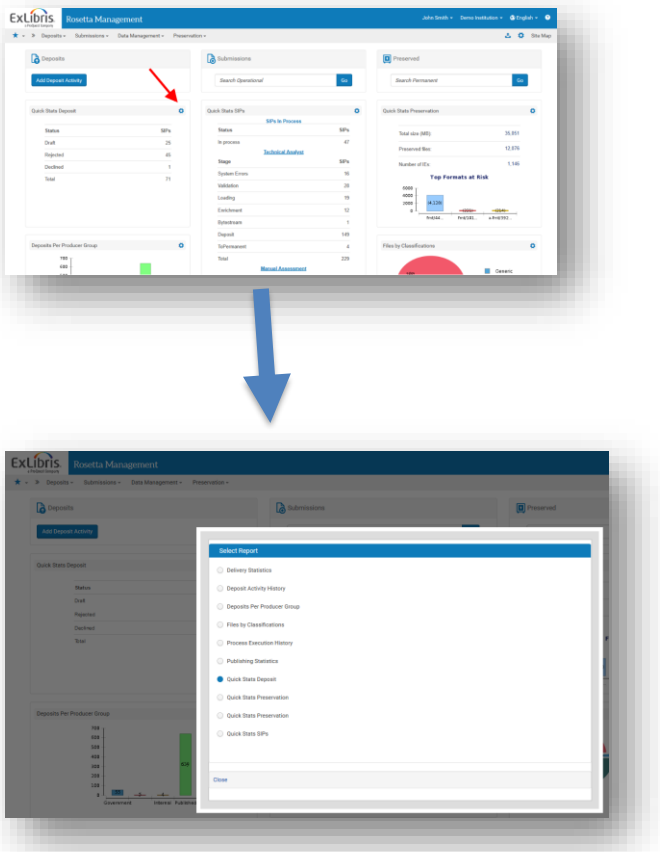
3

User Experience

3.1 Personalized Dashboard

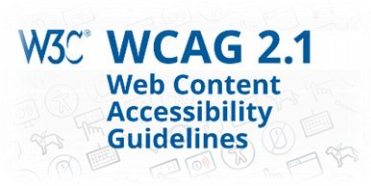
Rosetta dashboard can be personalized so each user can select the initial reports they would like to view on the entry page. Several reports have been redesigned to scale into the dashboard, in addition to the existing reports. Institutions can plugin additional reports, as described here, adapting the columns and design to the dashboard.

Report names are now customizable in the Reports mapping table, in addition to a new report location = Dashboard, for reports which are designed specifically for the dashboard.



3.2 Accessibility and more

- Continued investment in WCAG 2.1 compliance, fixing additional back-end pages.
- Edit options added to remaining components of material flow, allowing to setup MFs on the fly.



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Integrations

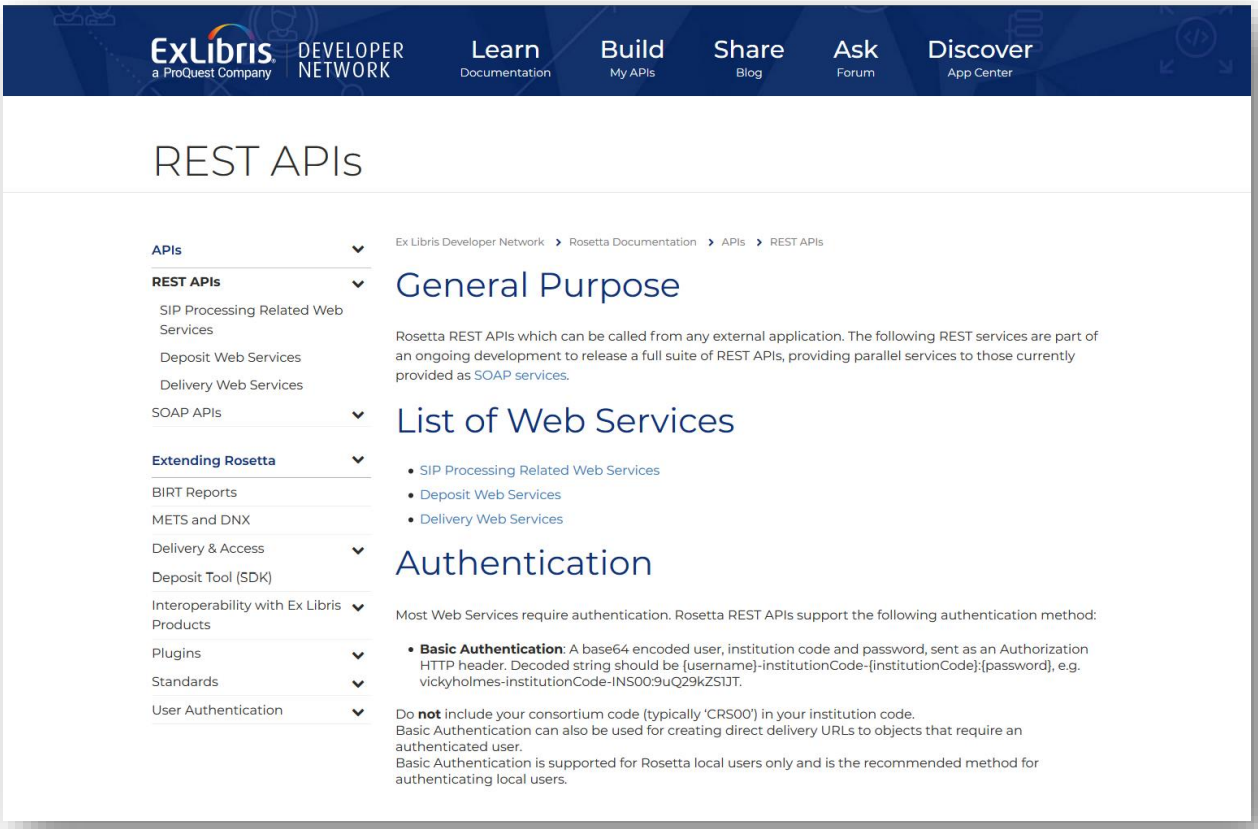
4.1 REST API Advancements

Developers' Network

REST APIs are now available for review as a separate section in Ex Libris' Developers' Network portal, providing detailed documentation on general REST API use and for each separate API:

- SIP Processing Related Web Services
  - `Get SIPs`
  - `Get SIP`
- Deposit Web Services
  - `Get Deposits`
  - `Create Deposit`
  - `Get Deposit`
- Delivery Web Services
  - `Get Delivery Session`
  - `Get Delivery Session Files`
  - `Get Delivery Session Representation`
  - `Get Delivery Session Representation Files`
  - `Get Delivery Session Representation File`

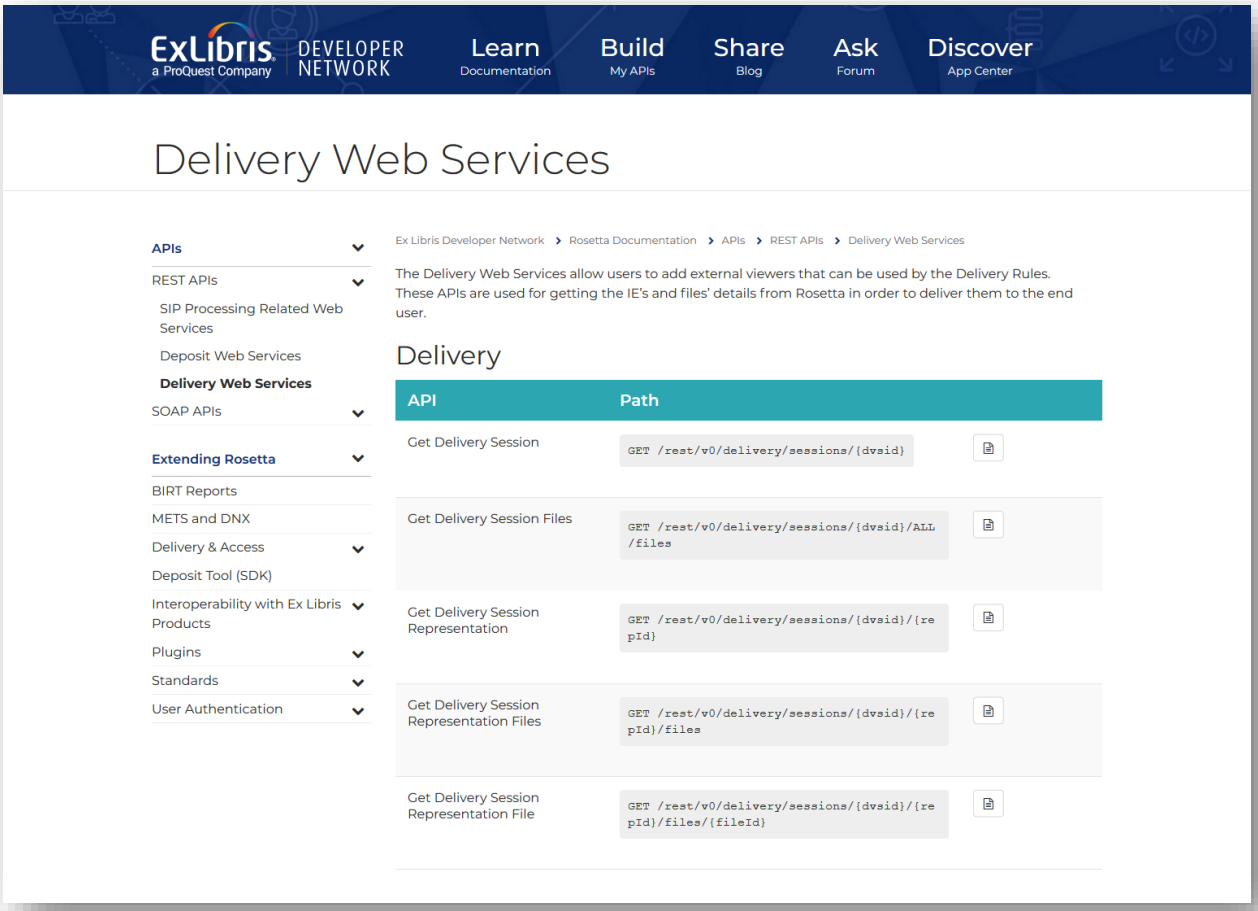
Services are also available here: **Error! Hyperlink reference not valid.**



Delivery APIs

REST APIs are now available for all Delivery services:

- `Get Delivery Session`
- `Get Delivery Session Files`
- `Get Delivery Session Representation`
- `Get Delivery Session Representation Files`
- `Get Delivery Session Representation File`


ExLibris a ProQuest Company DEVELOPER NETWORK
Learn Documentation
Build My APIs
Share Blog
Ask Forum
Discover App Center
Delivery Web Services
APIs
REST APIs
SIP Processing Related Web Services
Deposit Web Services
Delivery Web Services
SOAP APIs
Extending Rosetta
BIRT Reports
METS and DNX
Delivery & Access
Deposit Tool (SDK)
Interoperability with Ex Libris Products
Plugins
Standards
User Authentication
Ex Libris Developer Network › Rosetta Documentation › APIs › REST APIs › Delivery Web Services
The Delivery Web Services allow users to add external viewers that can be used by the Delivery Rules. These APIs are used for getting the IE's and files' details from Rosetta in order to deliver them to the end user.
Delivery
API
Path
Get Delivery Session
GET /rest/v0/delivery/sessions/{dvsid}
Get Delivery Session Files
GET /rest/v0/delivery/sessions/{dvsid}/ALL/files
Get Delivery Session Representation
GET /rest/v0/delivery/sessions/{dvsid}/{repId}
Get Delivery Session Representation Files
GET /rest/v0/delivery/sessions/{dvsid}/{repId}/files
Get Delivery Session Representation File
GET /rest/v0/delivery/sessions/{dvsid}/{repId}/files/{fileId}

5

Preservation

5.1 Save SIP processing events as provenance

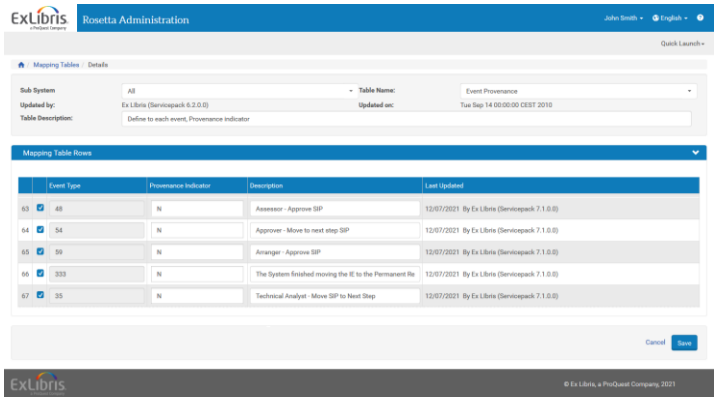
Significant SIP processing events can be saved as provenance events in the resulting AIPs.

These include:

- Moving to next stage from TA workbench (event 35)
- Moving to next stage from Assessor\Arranger\Approver workbench (events 48\59\54)
- IE completes moving to permanent (new event 333)

These events were added to the "Provenance Events Configuration" table as non-provenance by default, and can be enabled by administrators.

The table has also been enhanced to include informative descriptions per event.



5.2 Edit linkingIEIdentifier

The IE-level `linkingIEIdentifier` attribute is now editable on all levels – IE, representation and file – either via the MD editor or via the `Update DNX tasks.` This will allow further flexibility in managing relations between PREMIS entities.