Rosetta 6.1 Highlights

June 2019

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Infrastructure

1.1 Upgrade Solr to SolrCloud

Major upgrade of Solr to SolrCloud, providing high scalability, fault tolerance and distributed indexing.

Each institution will have the ability to define number of replicas of the indexing shards, providing a fault tolerant cluster of Solr servers.

Detailed configuration guide can be found here.

1.2 Upgrade to Java 11

Major upgrade to the latest version of Java 11.

1.3 Additional Upgrades

- **Universal Viewer v2.0.2**
- Additional XSLs upgraded to use **XSLT 2.0**

2

System Setup

2.1 Simplified system setup

As part of an on-going effort to facilitate the system configuration, 6.1 will define a “slim” and clear material flow setup which will be available for a default basic staff profile.

The flow will not include configurations which are rarely used by customers, particularly not at the initial implementation phase. These can be applied at any later stage.

2.2 Enhanced out-of-the-box configurations

Additional out-of-the-box setup options will provide a more streamlined material flow setup experience. These will include Bagit ingests and adjustments / additions to others.

3

Data Management

3.1 Unassign SIPs

Enable assessors / approvers / arrangers to unassign SIPs assigned to another staff member:

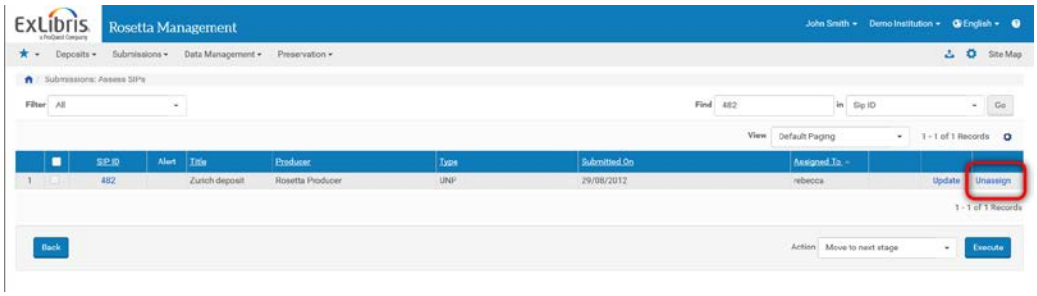


Figure 1 3A Unassign

3.2 Get SIP Status API to return number of IEs

Number of IEs contained in the SIP will be returned for the following API calls:

`getSipStatusInfo`

`getSipsStatusInfo`

`getSipStatusInfoByExternalId`

providing further data on the SIP status.

4

Delivery

4.1 Advanced viewer configuration

Multiple configuration options were added to the embedded IE viewer, including the following:

- **Single File Download**:

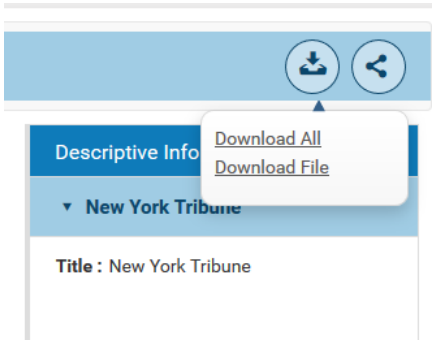


Figure 2 Single file download

Which is configurable independently of the existing "Download All" option:

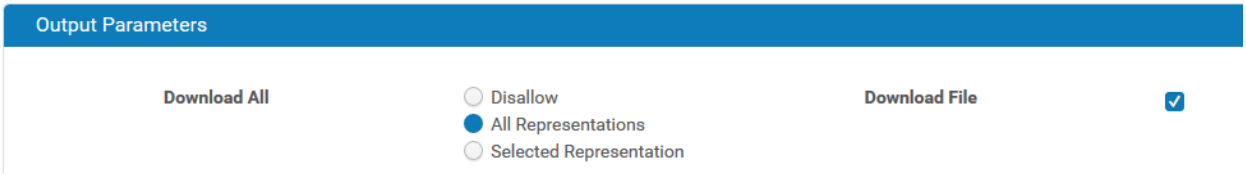


Figure 3 Download configurations

- **Download-all to reflect structure of displayed structmap** (see image above)

  Download-all will now include 3 configurable options:

  1. Existing option - Download all representations, regardless of structmap structure
  2. Existing option – Disable download-all
  3. New option – Download selected representation, according to content structure of the displayed structmap.

- **Enforce Download**

  Added configuration to the streamgate file viewer, which will prevent the browser from rendering the file and display a download link instead, with data on the file label, name and size:

Figure 4 Enforce download

Add output parameter `direct=false` to enforce download.

- Configure visibility of metadata and content panes. Options are:
    - **Table of contents**. Parameter `toc_pane =`
        1. `Show (default)` – Show contents pane by default
        2. `Hide` – Hide contents pane by default. User can open the pane
        3. `None` – Pane doesn't appear and cannot be opened by user
    - **Metadata pane**. Parameter `md_pane =`
        1. `Show (default)` – Show contents pane by default
        2. `Hide` – Hide contents pane by default. User can open the pane
        3. `None` – Pane doesn't appear and cannot be opened by user

- Configure visibility of **search box** in table-of-contents, by setting parameter `search = none / show`.

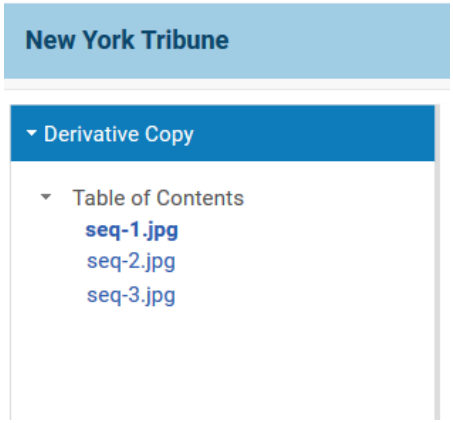


Figure 5 Hide search box

4.2 Improved Viewers' Usability

Enhancements in the various embedded viewers in Rosetta, include:

- Allow users to navigate between files from the full-screen mode of the IE Viewer:

Figure 6 Navigate from full view

- Configure Universal Viewer to download original hi-resolution image:

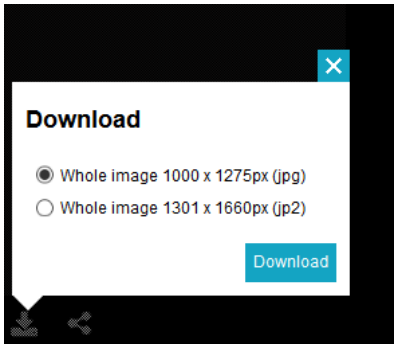


Figure 7 UV download original

- Rotate and print added to OpenSeaDragon file viewer:

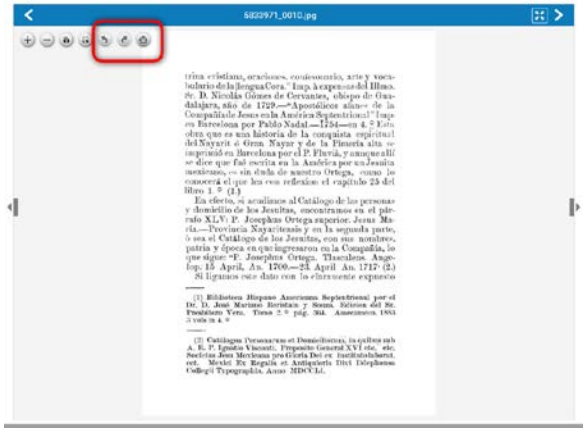


Figure 8 Rotate and Print from OS

4.3 New out-of-box Audio/Video Viewer

Video.js v7.4.2 added as a file viewer for audio/video content, providing advanced and user-friendly viewing experience:

Figure 9 Video.js

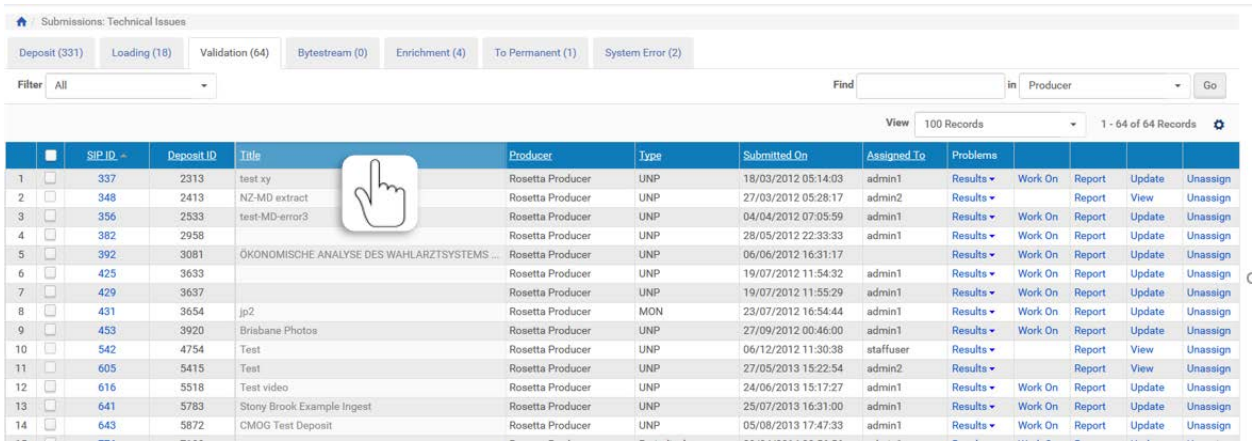
5

User Experience

5.1 User Preferences

TA workbench is now customizable, expanding the existing list of customizable pages in Rosetta.

Customizable elements include paging size, sorting, order and width of columns, which will be saved cross-session per user.



	SIP ID	Deposit ID	Title	Producer	Type	Submitted On	Assigned To	Problems				
1	337	2313	test xy	Rosetta Producer	UNP	18/03/2012 05:14:03	admin1	Results	Work On	Report	Update	Unassign
2	348	2413	NZ-MD extract	Rosetta Producer	UNP	27/03/2012 05:28:17	admin2	Results		Report	View	Unassign
3	356	2533	test-MD-error3	Rosetta Producer	UNP	04/04/2012 07:05:59	admin1	Results	Work On	Report	Update	Unassign
4	382	2958		Rosetta Producer	UNP	28/05/2012 22:33:33	admin1	Results	Work On	Report	Update	Unassign
5	392	3081	ÖKONOMISCHE ANALYSE DES WAHLARZTSYSTEMS ...	Rosetta Producer	UNP	06/06/2012 16:31:17		Results	Work On	Report	Update	Unassign
6	425	3633		Rosetta Producer	UNP	19/07/2012 11:54:32	admin1	Results	Work On	Report	Update	Unassign
7	429	3637		Rosetta Producer	UNP	19/07/2012 11:55:29	admin1	Results	Work On	Report	Update	Unassign
8	431	3654	jp2	Rosetta Producer	MON	23/07/2012 16:54:44	admin1	Results	Work On	Report	Update	Unassign
9	453	3920	Brisbane Photos	Rosetta Producer	UNP	27/09/2012 00:46:00	admin1	Results	Work On	Report	Update	Unassign
10	542	4754	Test	Rosetta Producer	UNP	06/12/2012 11:30:38	staffuser	Results		Report	View	Unassign
11	605	5415	Test	Rosetta Producer	UNP	27/05/2013 15:22:54	admin2	Results		Report	View	Unassign
12	616	5518	Test video	Rosetta Producer	UNP	24/06/2013 15:17:27	admin1	Results	Work On	Report	Update	Unassign
13	641	5783	Stony Brook Example Ingest	Rosetta Producer	UNP	25/07/2013 16:31:00	admin1	Results	Work On	Report	Update	Unassign
14	643	5872	CMOG Test Deposit	Rosetta Producer	UNP	05/08/2013 17:47:33	admin1	Results	Work On	Report	Update	Unassign

Figure 20 Personalized TA workbench

6

Preservation

6.1 Format Library Releases

Introducing additional information to the Format Library management page - deployment date for all releases, including manually uploaded releases:

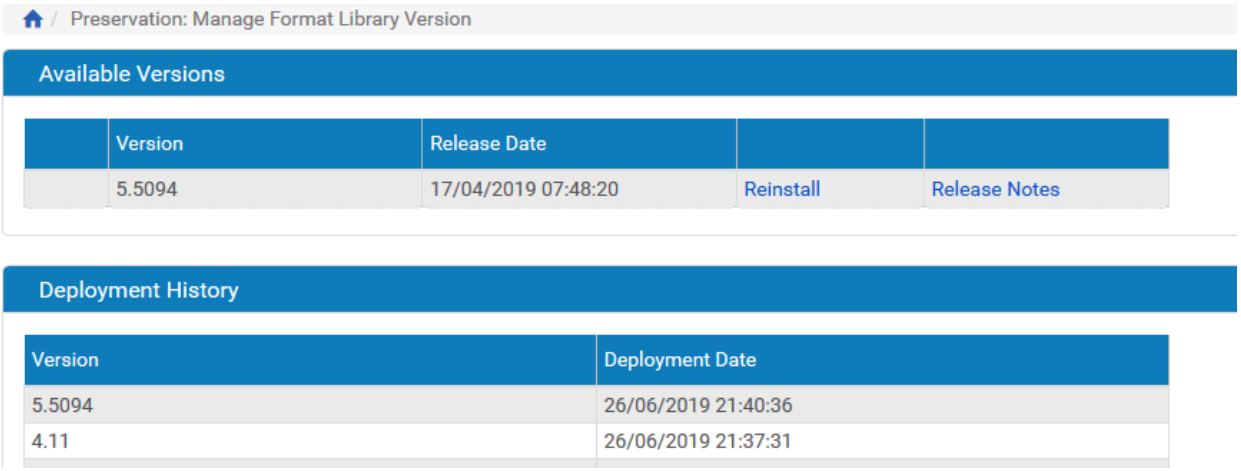


Figure 31 Format Library releases info