Rosetta Product Update

IGELU 2018 | Prague, Czech Republic

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Agenda

1. Status
2. 2017/8 Overview
3. 2018/2019 Roadmap
What is Rosetta?

Rosetta is a complete digital asset management and digital preservation solution managing the full life-cycle of any type of content from deposit to delivery.
Growing Number of Institutions Across all Regions

Serving more than 250 Institutions from 17 Countries
2018 – New Rosetta Community Members

- Israel State Archives
- Universität Tübingen
- BEIC - Fondazione Biblioteca di Informazione e Cultura
- State Records Authority of New South Wales
- RMIT
- National Geographic
2017/8 Focus Areas

Expand Feature Set

Improve Support
Rosetta v5.4 Highlights – January 2018 (Delivered)

**DAM**
- Add Authentication to SRU/SRW Requests
- Customized SRU Response
- Shared Users Management
- General IE viewer redesign
- Configuring DC Fields in Viewer
- New BIRT Tables UI

**Preservation**
- TA Workbench - Bulk Operations
- Manually Assign File Format on Extension Mismatch
- Preserve Timestamp During Ingest
- Support for Metadata Extractor Script Plugins
- VeraPDF Technical Metadata Extractor Plugin

**Infrastructure**
- Upgrade Solr to 6.5
- Improved User Experience
- Performance Improvements
Rosetta v5.5 Highlights – April 2018 (Delivered)

**DAM**
- HANDLE Persistent Identifier
- Create Itemized Sets for Representations and Files
- Cleanup Deleted OAI Records
- Export Directory to be Set per Institution
- Renewed IE Viewer - Support MD creation with XSL
- New User-friendly Administration UI
- Session Expiration Warning

**Preservation**
- Improved Custom Fixity
- Repository Task Plugin to Run at Representation and File Level
- FL release process

**Infrastructure**
- GDPR Compliance – anonymize delivered data
- Upgrade to Tomcat 8.5
- Improved User Experience
HANDLE Persistent Identifier

Unified Persistent Identifier

Management:

• Deposit pre-generated PI
• Generate PI in Rosetta
GDPR Compliance

- General Data Protection Regulation for EU residents
Format Library Release Plan

- Streamline PRONOM updates
  - Format Library releases more responsive to PRONOM releases
  - Two classes of Global releases
Rosetta v6.0 Highlights – December 2018 (Confirmed)

**DAM**
- File level access rights
- User Preferences
- Mobile IE viewer
- Add option of free text in the search dropdowns list
- Unassign functionality in Permanent TA
- Permanent Storage plugin for Google
- Reliable Indexing

**Preservation**
- PREMIS 3-compliance features
- METS / DNX versioning
- Preservation Flow
- Add representation with AIP update
- DNX Validation

**Infrastructure**
- Native SSL Support
- SAML - support for additional unique ID
- Upgrade 3rd party SWs
- SIP processing improvements
Responsive Mobile IE Viewer

Yale

Play, Pause and Press for Infrastructure
Office of Digital Assets and Infrastructure
Opening the Future 2012-02.23.2012

Louis E. King, Digital Information Architect
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Test Mets Viewer

Descriptive Information

Test Mets Viewer

Test Struct Map

Modified Master

Sessions

Session 1

Session 1 level 2

Play Pause and Press for Infrastructure

VS

Session 2

Materials

Rep Label Test

Descriptive Information
Google Cloud Storage

- Expanding cloud storage options
File Level Access Rights

- Files that need to be ingested as part of a set, but should not be accessible by clients (e.g. a vendor-generated title/contents page or a color-card/QPcard scan)
- *Example use case*: Looking to harvest and deposit twitter feeds and within a twitter stream (a single IE) discrete tweets are held as separate files and some of them may be restricted

![No unauthorised access sign](image)
Validate DNX

- DNX Validation

- Validations at various stages:
  - Ingest
  - MD editor
  - AIP Update
User Preferences

- Personalize lists
- Favorites
Native SSL Support

For single instance all-in-one deployments
Rosetta 6.X Highlights – 2019 (Planned)
Rosetta 6.X Highlights – 2019 (Planned)

• Simplified workflows

• Enhance user preferences

• Enhanced Reporting
Rosetta 6.X Highlights – 2019 (Planned)

- Continuously upgrade software stack with latest version – Java 11, Tomcat, SolrCloud, Apache, BIRT, Aurigma Uploader, etc.

- Ongoing support for Red Hat / Oracle Solaris upgrades

- Improve SIP processing robustness

- Support for Oracle 12.2

- Continuous infrastructure team effort on performance improvements across the system – specifically ingest
Rosetta 6.X Highlights – 2019 (Planned)

• **Nested IEs**
  
  • Expand data dictionary for hierarchical structures
  
  • PREMIS 3 compliance

• **MD Extractors** – eg ExifTool for image, audio, video, and PDF
  
  • Multiple MD extractors and Format Identification tools
Rosetta 6.X Highlights – 2019 (Planned)

• Esploro Integration
Content Profiling Platform

- Clearly visualized report of the institution’s content
- Empowering the Community: Sharing anonymized data
IxIF Support

- Expand IIIF capabilities
Focus Areas Since Last IGELU

Expand Feature Set

Improve Support
Support Improvement – ongoing journey

• Unified HQ team to provide global implementation and support services

• Significant reduction in response team and open cases

• Looking forward: Streamline implementation further, reduce open cases
Planned Focus Areas

- Robustness
- System Accessibility
- Collaboration with WGs