



Assets Galore

Managing and Preserving Digital Assets with
Rosetta and Alma-D

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RMIT Institutional Profile

G'day from Australia's largest university



The Royal Melbourne Institute of Technology University

- **Geographically diverse**
 - 3 campuses in Melbourne
 - 2 campuses in Vietnam
 - Postgraduate research centre in Barcelona
 - Partner institutions in Singapore, Indonesia, Sri Lanka, Hong Kong and Shanghai
- **Largest Australian University by student load: ~83k FTE**
- **Mixed-sector educator: higher education and vocational training**
- **‘Ready for Life and Work’**
- **Ever-growing amount of courses and programs are offered completely online**



Digital Collections

My team, what we have, what we do with it and how it all works.



Digital Collections

Team

- **Librarian, Digital Collections**
Co-ordinates Equella to Alma-D data migration project and annual digitisation projects; liaison with RMIT and Ex Libris;
- **Library Officer, Digital Collections (x 3)**
Extract, edit and transfer metadata and files for data migration project; copy & original cataloguing of digital items; upload digital items into Alma-D;

Associated staff

- Supervisor, Copyright, Digitisation and Repositories
- Librarian, Applications
- University Archivist
- Permissions Officer
- Librarian, Metadata Standards
- Library Resources and Access team

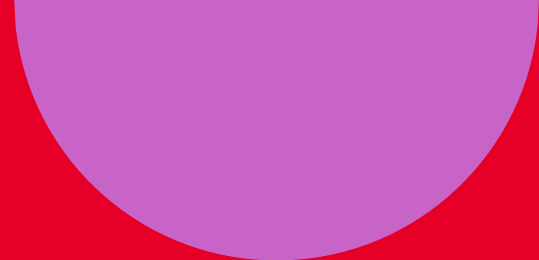
Collections

Born digital

- RMIT Images
- Business Insights Archive
- Library Learning Objects
- Other learning resources, e.g. a collection of videos about our New Academic Street project
- Student work (School of Art; School of Architecture and Design; School of Aerospace, Manufacturing and Mechanical Engineering)

Digitised

- Emily McPherson School of Domestic Science Collection
- Past Exam Papers
- Licenced & Off-Air Audio and Video
- Student Experience: Printing Collection
- Architecture Slides
- Laboratory Slides
- eReserve collections (course readings)
- Alt-Formatting



Workflows

data migration & new content import



How do we use the Alma-D?

Fun with workflows

Transferring digital collections from Equella

1. Extract metadata and files from Equella
2. Re-map metadata to Alma's version of DC
OR create suitable MARC records; convert to XML
3. Create digital collection in Sandbox and Alma
4. Create import profile in Sandbox and test upload
5. Duplicate import profile to Alma
6. Import via Alma's Digital Uploader function or our S3
7. Fix errors & unsuppress
8. Publish to Primo

Uploading new content

1. Create, harvest and/or re-map metadata
2. transform metadata into XML
3. create or locate suitable digital collection in Alma
4. If required, create import profile & run sandbox testing
5. Import via Alma's Digital Uploader function or our S3
6. Fix errors & unsuppress
7. Publish to Primo



GRI Institutional Profile



GETTY CONSERVATION INSTITUTE + GETTY FOUNDATION + GETTY RESEARCH INSTITUTE + J. PAUL GETTY MUSEUM

GRI Institutional Profile

Overview

- Located in Los Angeles and one of 4 programs under the umbrella of the J. Paul Getty Trust
- Dedicated to furthering knowledge and advancing understanding of the visual arts and their various histories
- Research Library and Special Collections of rare materials and digital resources serve an international community of scholars and the interested public.



GRI Institutional Profile

Digital Collections

Team

- Head, Lib Sys and Dig Coll Mgmt (.25)
- Systems Librarian (.25)
- Deposit team
 - 3 Library Assistants
 - 2 Digital Archivists

Associated Staff:

- Project planning/mgmt
- Metadata creation
- Rights
- Central IT

Collections

Born-digital (under 1TB)

- Just starting out
- Institutional business records
- Spec Collections materials

Digitized (ca. 140 TB)

- Photographs
- Prints
- Manuscripts/letters
- Audio/Video
- PDFs (e.g. press releases)



GRI Institutional Profile

Workflows

Digitized

(Digitization-on-Demand - one-off small items; any A/V needed and mass digitization with funding)

- Provide photog w/ shot list
- Get descriptive metadata from Alma or ASpace and map to DC/dcterms
- Combine shot list and DC into **METS** (custom perl script)
- Deposit METS/files into Rosetta
- Publish to Primo

Born-digital Trust rcrds

(Generally only for preservation, not access)

- Rename files based on guidelines
- Run set of files through DROID
- Create Rosetta CSV from this DROID and rename log
- Zip all files together
- Deposit into Rosetta where file hierarchy is reconstructed





Comparison: Alma-D and Rosetta



not apples to apples

This is not intended to be a straight comparison of Rosetta and the Alma-D. Both systems have different functions and purposes. Our intention is to explore those differences to help you decide what's best suited for your institution and collections.

disclaimer slide

we not addressing Alma/Rosetta integration



shared features

- **Publish to Primo (and suppress from)**
- **End-user deposit**
- **REST APIs**
- **Can deposit any file format (although viewer can only render sub-set of common ones)**
- **Ability to assign objects to collections and publish those collections hierarchy to Primo**

Rosetta features

Preservation Validation Stack

- checksum calculation (4 different types available)
- file format identification (using DROID)
- technical metadata extracted for many file types (using Jhove)
 - alerts for corrupt/non-standard files
- virus check (we're currently doing this outside the system)
- risk assessment (specific to your institutional capabilities)

Provenance events

Version control (can revert to earlier)



Rosetta features (cont.)

- More than 10 viewers to choose from out of the box - and ability to plugin more
- Robust access rights and retention period
- Scale: No limit on size or number of files in a single object
- Exit strategy clear - data stored as METS with absolute file paths



Rosetta doesn't provide

- Ex Libris hosted software or storage
- Robust metadata editing
- Custom thumbnails
- Simplicity - can require more staff time for management, configuration, etc.
 - With more flexibility comes more responsibility



Alma-D features

- **All one system**
 - Monthly release updates
- **Simple workflows**
- **Cataloguing workflow**
- **Alma MD Editor**
- **Custom thumbnails**
- **Cloud hosted storage & software**

Alma-D doesn't address:

- **Preservation**
- **Single viewer only**
 - no configuration options
 - no plug in architecture
- **End-user deposit not as mature/complex**
- **No object hierarchy**
- **No bulk export of files/no exit strategy**

recommendations

or scenarios re choice:

- **Preservation in another system & only need DAM = Alma-D**
- **if you can't host your own files & software = Alma-D**
- **All in one digital preservation solution with external viewers & plugins - customisable and flexible = Rosetta**

Questions?

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