Going beyond access to curation

Allison Brown | Initiatives_lib | Digital Services Coordinator

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2015 CAUL Research Repositories Community Event
Curation

Digital curation involves maintaining, preserving and adding value to digital research data throughout its lifecycle.

*Key challenge for digital curation is technological obsolescence.*
Collections

Archives
10,000 + linear metres

Pictures
17,000 + works

Photographs
2 million +

Ephemera
300 + linear metres

Posters
17,750 items

Maps
14,000 + items

Marsden Online Archive
4330 digital objects, 1.1 GB (books + pages)

Published Collections
1.7 million +
(monograph & serials)

Special Collections
32,000 + volumes

Incunabula
40 + pre-1501 prints

Photographs
2 million +

Physical Thesis
14,000 +

Maps
14,000 + items

Music & sound
16,000 + items

E-Thesis
2,700 + (2010-)

OUR Archive
4,600 + items (140GB)

OUR Heritage
3,700 + items

Files on the Server 4.5 TB
Key elements of the DCC Curation Lifecycle Model (CC BY DCC)
Cornell University three-legged stool model for digital asset management (CC BY JISC KeepIt Project)
Building our capacity

Technology, Organisation, and Resources
Technology

• OUR Archive $\rightarrow$ DSpace (*from* ePrints) [2009]

• OUR Heritage $\rightarrow$ Omeka (*from* Filemaker) [2012]

• Marsden Online Archive $\rightarrow$ Islandora [2014]
  – Islandora, Fedora Commons, Drupal, Solr and FedoraGsearch.

• DAMS $\rightarrow$ Islandora [2015 – ]
  – Islandora, Fedora Commons, Drupal, Solr and FedoraGsearch.
Organisation and Resources

Otago University Research Archive

- Authors
- Administration
- Development

OUR Archive
Building our understanding

Curating digital objects
Building our framework

Digital Asset Management / Curation Framework
Infrastructure:
Open Archival Information System
Organisation: Strategy

• Collection Management
  – Collection Development Policies

• Protocols
  – Parameters, procedures and processes

• Standards
  – File formats
  – Metadata schema
Workflows: Ingest Processes

Digital object submitted to DAMS → Enter a record identifier → Filename uses record identifier → Master file ingested into DAMS

Pre-ingest:
- Capture, Check, Extract, Transform, Load, Ingest.

Ingest:
- Fedora PID assigned,
- METS wrapper generated,
- Technical Metadata extracted,
- PREMIS metadata generated,
- Record identifier added.

File derivatives generated
# Managed Digital Objects

**Agreement of settlers at Bay of Islands, 30 March 1819 – marsden MS_0056_146**

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Building our sustainability

Document, business as usual (handover) and evaluate
Digital Asset Management System
References


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