Moving the Repository to Pure, Figshare and Omeka

Andrew Harrison, Research Repository Librarian
Monash University Research Repository 2006-2016

- One repository platform, VITAL/Fedora
- Publication metadata for HERDC/ERA evidence
- Theses – open and restricted
- OA grey literature, data and library content

3 New Research Repositories

- Pure
- Figshare
- Omeka
Repository software old
Self-submission work flows limited to theses
Content loading bottlenecked to bulk loading experienced professional staff – could not scale to support 9,000 academics and 15,000 post-grads
Poor presentation of research data outputs
No support of DOIs, ORCIDs, Altmetrics and limited usage data.
Expensive in staff time to upgrade software
Why three new repositories?
Best of breed

- Pure - Current Research Information System
- monash.figshare - Self-managed research data, grey literature, A/V content and theses
- Omeka - Monash Collections Online exhibition space for library special collections
Pure was bought to manage publication and grant data as part of the MyResearch CRIS.

Library argued the case to use PURE as publications repository.

Avoiding duplicate workflows.
Pure
Publications repository features

- Public portal for open access publications
- Automatic record harvesting from Scopus
- Centrally managed by Records Output Collection team
- Supports ORCIDs & staff encouraged to get one
- Library provides advice on open access matters
What is monash.figshare?

✓ monash.figshare is:

• a new online tool
• for all staff and graduate research students from all faculties
• to manage, store, share and selectively publish research data
• unmediated by any person or group

✗ monash.figshare is not:

• aimed at day-to-day recording of research
• compulsory to use
• for leaving a full record of research

https://monash.figshare.com
Top ten reasons to use monash.figshare

1. **STORE**
   i. store your research data privately and securely

2. **MANAGE**
   i. upload more than 650 file formats
   ii. access your research files from anywhere

3. **COLLABORATE**
   i. research data can be shared privately with collaborators or made public
   ii. Creative Commons or other appropriate licenses enable re-use
   iii. allows other researchers to find your work, enabling collaborative research

4. **PUBLISH**
   i. Digital Object Identifiers (DOI) on public items make them citable
   ii. greater visibility of your outputs
   iii. embargo when necessary
   iv. easy compliance with funder and publisher requirements

https://monash.figshare.com
Figshare examples
101 Innovations in Scholarly Communication - the Changing Research Workflow

09.01.2015, 22:14 (GMT) by Bianca Kramer, Jeroen Bosman


In the fast developing world of scholarly communication it is good to take a step back and look at the patterns and processes of innovation in this field. To this end, we have selected 101 innovations (in the form of tools & sites) and graphically displayed them by year and also according to 6 phases of the research workflow: collection of data & literature, analysis, writing, publishing & archiving, outreach and assessment. This overview facilitates discussion on processes of innovation, disruption, diffusion, consolidation, competition and success, but also of failure and stagnation, over the last 3 decades. We describe some of the trends, expectations, uncertainties, opportunities and challenges within each of the workflow phases. Also, based on the graphical overview we present a juxtaposition of typical traditional, innovative and experimental workflows.

Accompanying material (see links below)

1) Survey on real-world tool usage (open until Feb 2016)
2) Database of 400+ tools (Google Spreadsheet)
3) Database of 101 tools + workflows

REFERENCES
- http://101innovations.wordpress.com
- http://innoscholcomm.silk.co

https://monash.figshare.com
Jeroen Bosman

Utrecht University Library | Open Science and Open Access | photography | geography of information | cycling | the absurd

Publications

- The Geographical Formation of International Management Centres in Europe DOI: 10.1080/004209693200803891
- THE CHANGING POSITION OF SOCIETY JOURNALS IN GEOGRAPHY DOI: 10.1111/j.1487-9663.2009.00511.x

Jeroen Bosman’s public data

By researchers, for researchers
By researchers, for researchers - promoting scholarly communication...

Of Shapes and Style: visualising innovations in scholarly communication

Are we ready to define the Scholarly Commons?

Views on innovation - The scholarly communication landscape and challenges

https://monash.figshare.com
- Figshare is built around its API

- Using API to bulk load repository records using fedora object metadata

- MyTardis platform will publishing copies of instrument datasets into monash.figshare and ANDS will harvest those records into RDA.

- Automate the publication of theses

http://www.mytardis.org/
Launch: Wednesday, 04 March 2015

Created: Mon Jun 1 22:03:09 2015

- STATION : University of Houston Houston Texas USA
- Station Principal Investigator: Gary A. Morris (St. Edward's University)
- Station Co-Investigator: Barry Lefer (University of Houston Houston TX USA)
- Latitude (deg): 29.72
- Longitude (deg): -95.34
- Elevation (m): 19
- Launch Date: 20130304
- Launch Time (UT): 23:02:18
- Ozoneonde Type Number: EnSci/DMT 2227878

- Data File (.dat)
- Trajectory Map (.kml)
Wanted Pure, but eventually chose figshare over AlmaD for theses

Because

- New functionality to accept student submission
- Library staff review workflow
- Discoverable in Google and Search
- Citable DOI
- Accepts non-manuscript material
- Automatic embargo timer
- Statistics for just theses
Last week, Monash University Theses had...

...33 views, 1 downloads in total
- Presentation of library special collections
- Create exhibitions to showcase digitised content
- Workflow relatively easy to use and very configurable
- Active international user community and local user group
Omeka
My God, It’s full of Plugins!
Welcome to an exhibition of World War I material held in the Monash University Library Rare Books Collection.
- All systems are OAI-PMH provider services

- Harvest Dublin Core into ‘Search’ - Monash’s Primo instance

- Harvest into TROVE … eventually?

- VITAL Handles server to be maintained and all handles for content redirected to new homes
Issues
Because no system is perfect

- **Figshare**
  - Limited administrator control over user owned content
  - Advanced search options limited
  - Minimal customisation of group and collection portals

- **PURE**
  - Article and user’s portals are not exciting
  - No persistent identifiers
  - Elsevier!

- **Omeka**
  - No persistent identifiers
  - No usage metrics other than Google Analytics
Plan ahead, you will migrate one day
Can you export thousand’s of records quickly?
Can you bulk load into the new system?
Skills to convert one metadata schema to another?
Can you migrate your persistent identifiers?
Allow sufficient time and then double
  – because the unexpected
But try to stay on target as time spent migrating is time not adding new content