

# Using Primo to discover eresearch repositories

Stefania Riccardi, Susan Lafferty, Tom Ruthven, Sue Harmer

**Never Stand Still** 

Library

## Outline

- 1. Background Library Repository Services and Data Librarianship
- 2. UNSW Multi-repository model
- 3. Primo customisations
- 4. Next Steps



## **UNSW Library Repository Services (LRS)**

Created: January 2009.

Aim: support online environments for research, learning and teaching

### **Position description:**

UNSW Library...is actively working with research projects, Schools and Research Centres to develop infrastructure and services that explore and meet this new role for libraries. The Library is focussed on standards-based, interoperable services and systems



## Multirepository Model

#### October 2010

#### The suite:

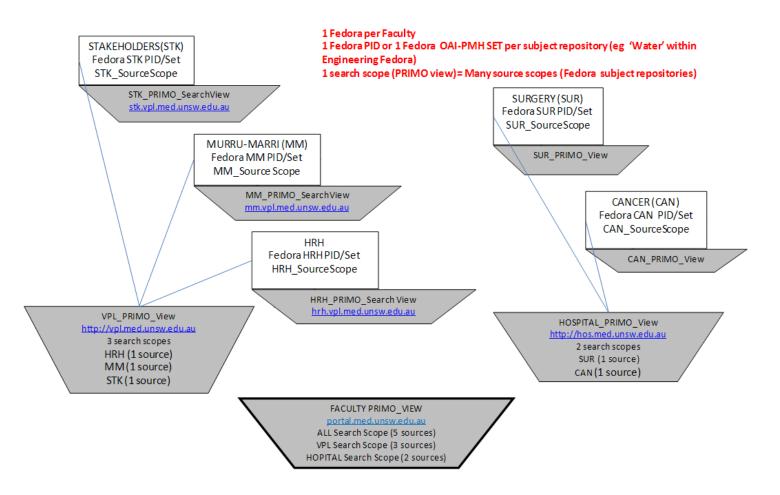
- One Fedora repository per faculty
- One Primo front end, with multiple Views i.e. a separate View for each group
- A deposit tool (Valet) permitting independent deposit of metadata and digital objects
- An editing tool built in-house, which we have not named.
- Citation builder developed in house.

.....Intention is to move from Primo Views to Primo Institutions – greater flexibility in customising for each faculty.



## The model: Single Fedora per faculty

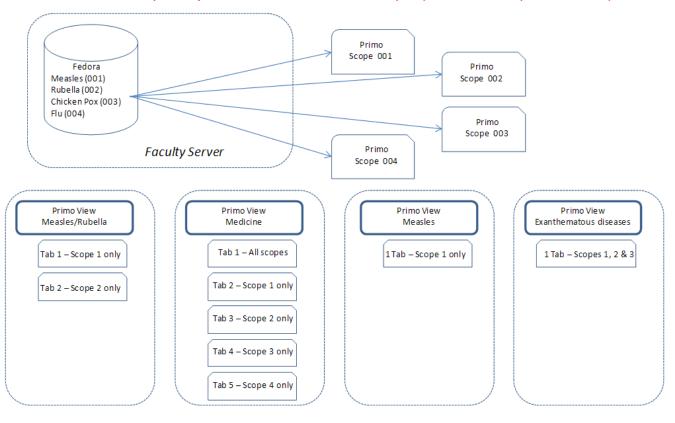
#### Primo views and Fedora PID/Sets in Multirepository environment





## The Model (single Fedora instances per faculty)

#### DRAFT - Multirepository model - Primo Views and Scopes (based on multipleFedora PID)



SCOPE - Specific group of records

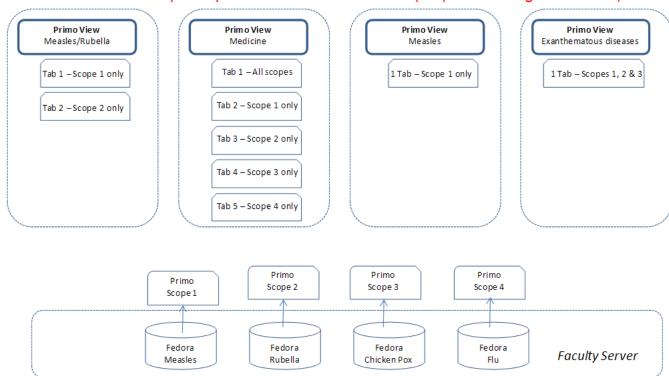
VIEW – Different look and feel for one or more scopes; View has 1 default institution mandatory for end-user authentication. INSTITUTION – Has many PDS and IP ranges; PDS are needed so that users not on Active directory can sign-on. Has one e-shelf

Single Sign-On only works on EL products but can be customised to include other applications as long as they support Shibboleth (not MemRE).



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SRiccardi 23/8/11



# Fedora: a bucket of digital objects –

and each object a bucket in its own right



Image: By compn http://www.flickr.com/photos/compn/5431773976/#/





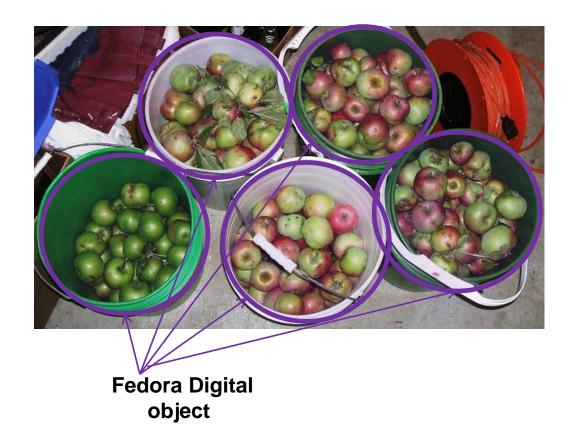


Image: By <a href="mailto:compn">compn</a>
http://www.flickr.com/photos/compn/5431773976/#/







DC metadata record - OAI-PMH compliant – so anyone can harvest the record

Image: By <a href="mailto:compn">compn</a>
http://www.flickr.com/photos/compn/5431773976/#/







### DC desciptive metadata – OAI-

PMH compliant – so anyone can harvest the record

### JHOVE preservation metadata –

includes info about size of attachment, - elements 'size' and 'size format'

Image: By compn







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Licence – may be PDF, word, text, any format at all

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Attachment – may be PDF, audio, AV, etc

Image: By compn







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#### MODS metadata record -

Provides better data granularity to support application such as citation builder and editing tool. Attachment – may be PDF, audio, AV, etc

Image: By compn





### Primo Customisations

**Tile Customisation** – using controlled vocabularies

Citation Builder (in house)

Reads the MODS record, builds the (modified Harvard) citation based on resourcetype, then puts it into the DC record

### **Use of Primo File Splitter:**

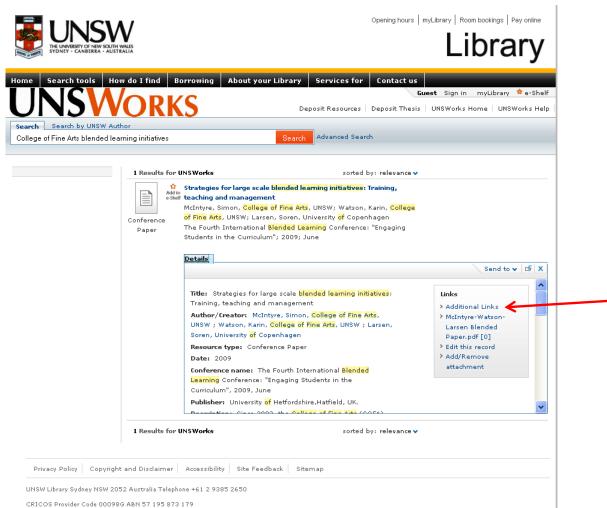
- Harvests the Citation and displays it in Primo
- Providing information about size of attachment in Fedora
- Converting PDF attachments to text (indexing will mine only first 10,000 words for searching, the setting can be changed on Primo Back Office) Ex Libris has advised 10,000 word limit.

### Harvesting wikis

Currently only available in User Acceptance Testing



## Customisation

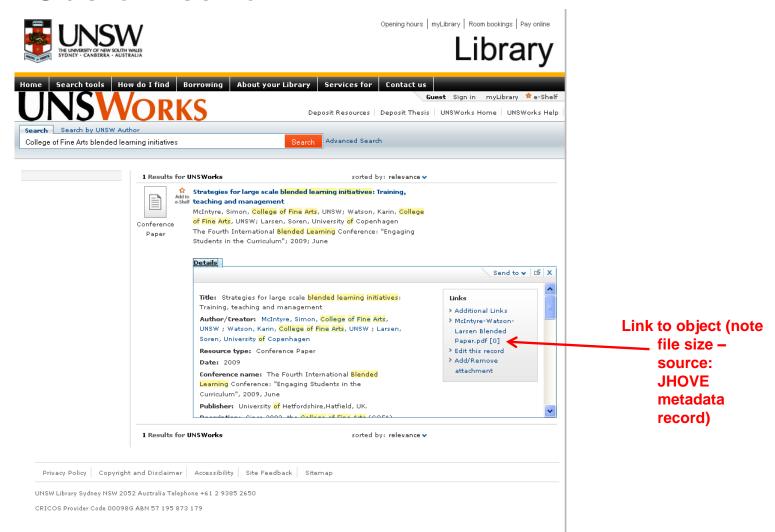


Link to standard

URL(s) –
source: DC
metadata
record)

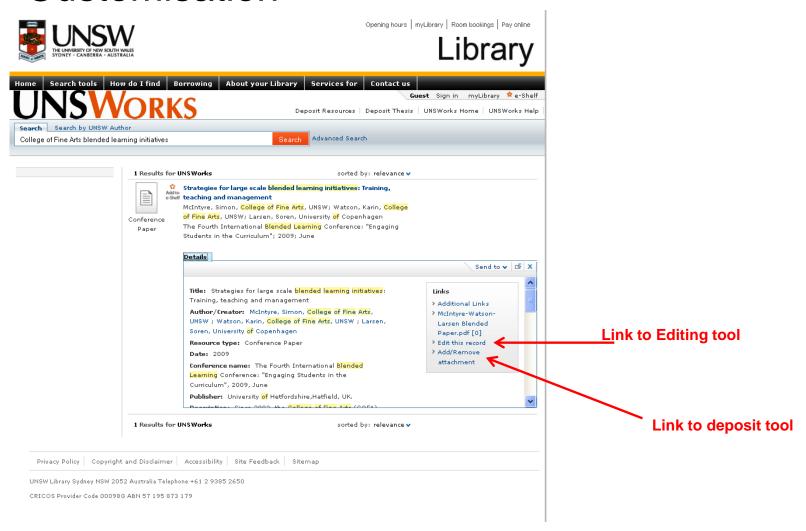


## Customisation



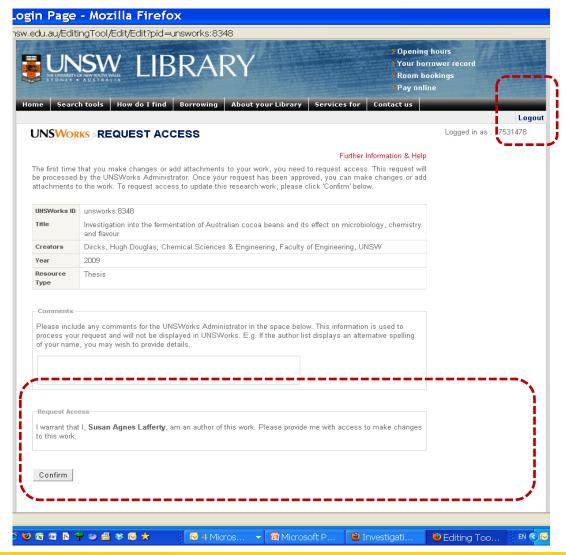


## Customisation



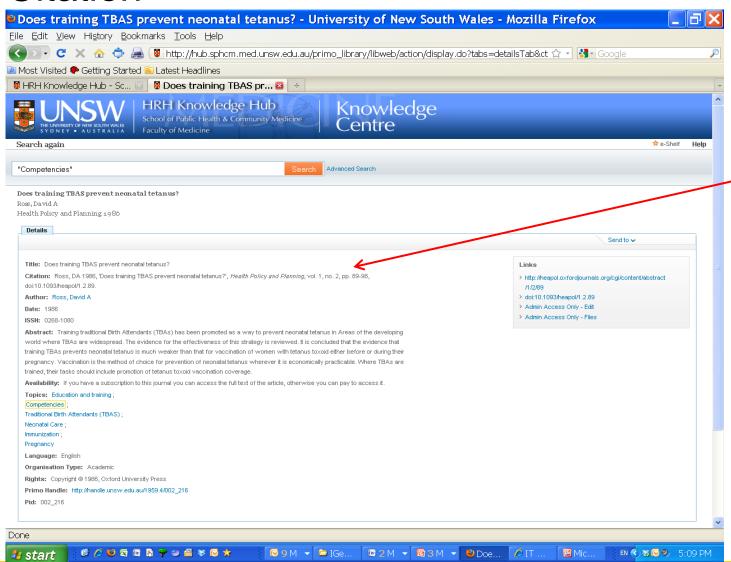


## Editing and Valet deposit tools





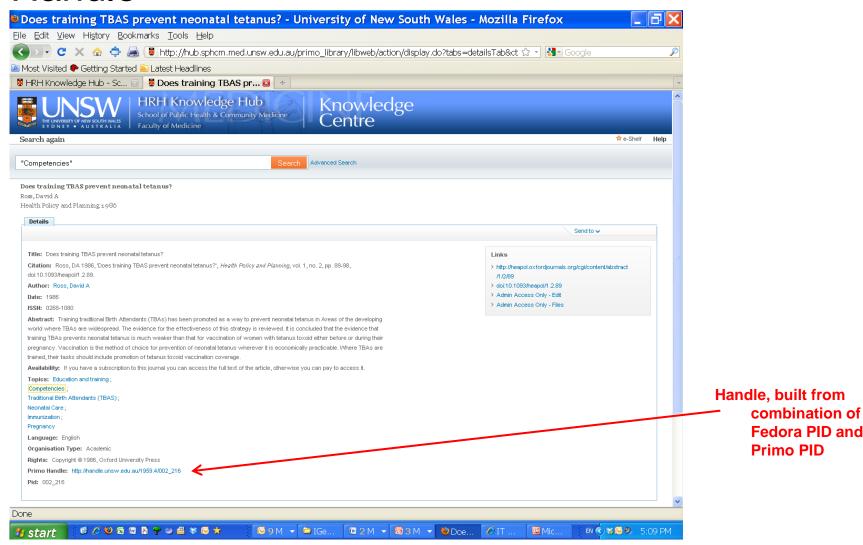
## Citation



Citation, built from
Citation
Builder
Source: MODS
metadata
record

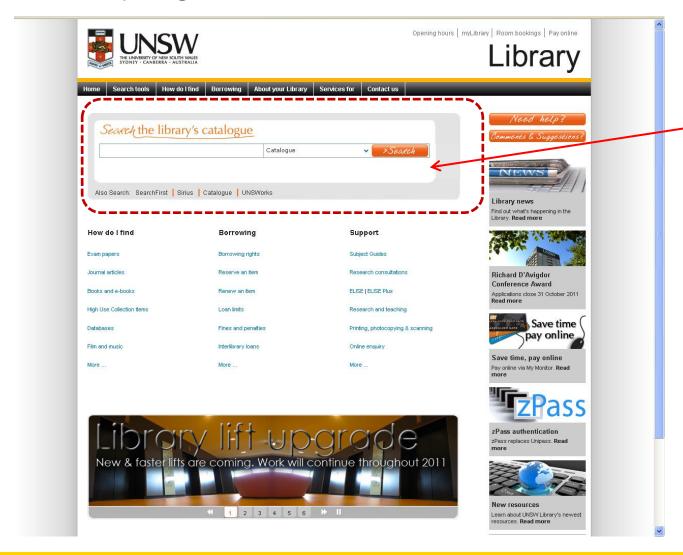


### Handle





# Modifying PRIMO Search tile:



Standard tile unmodified



# **TOPICS** (Tiles)



- UNSW
- Faculty of Medicine ■ HRH Knowledge Hub - School of Public Health and Community Medicine -Faculty of Medicine

☐ Knowledge Centre

#### **Knowledge Centre**



#### About the knowledge centre

Welcome to the Human Resources for Health Knowledge Centre, a resource that lists publications used in our research on the topic of Human Resources for Health. Where possible, the library will link you to full-text papers.

If you have any questions about the Knowledge Centre please contact our Knowledge Manager Denise Quay,

#### Links to other resources

HRH Global Resource Centre

Human Resources for Health



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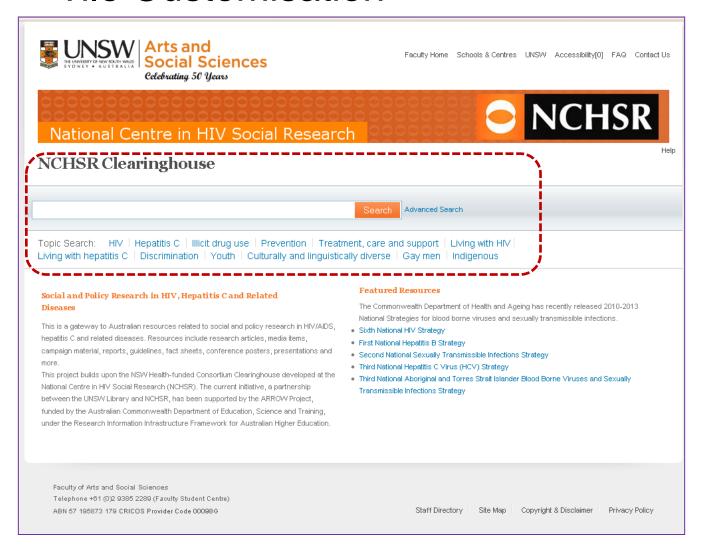


## **TOPICS** in Advanced Search





### Tile Customisation





## Text mining first 10,000 words...

#### We use Primo's File Splitter to

- grab Fedora objects which are the Active attachments (eg fulltext)
- Convert PDFs to text and add the text to a free text data element of the Primo PNX Extension (Primo's metadata schema) to enable full text searching of the first 10,000 words of each object in Primo

... we don't text mine licences, embargoed documents, or other elements of a Fedora object which are not 'active'.



## Harvesting wikis ...if only





### Issues

- Each time we install a new Service Pack we need to test all customisations.
- If a stored file is too big, or the format difficult (even .mov files) we can't access them. This is a Fedora issue, not a Primo issue. We'll get to it.
- Consolidation and sustainability now becoming an issue
- Controlled vocabularies time consuming to modify once they are in place

## Next steps

- Consolidate
- Evaluate
- •
- Resource



# Summary

- 1. UNSW Respository support environment
- 2. UNSW Multi-repository model
- 3. Primo customisations
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## **Authors**

#### **TECHNICAL CONTACT:**

Stefania Riccardi <u>s.riccardi@unsw.edu.au</u>

Susan Lafferty <u>susan.lafferty@unsw.edu.au</u>

Tom Ruthven <u>t.ruthven@unsw.edu.au</u>

Sue Harmer <u>s.harmer@unsw.edu.au</u>

