# UNSWLIBRARY

# PRIMO discovery and delivery of FEDORA content

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# In this presentation

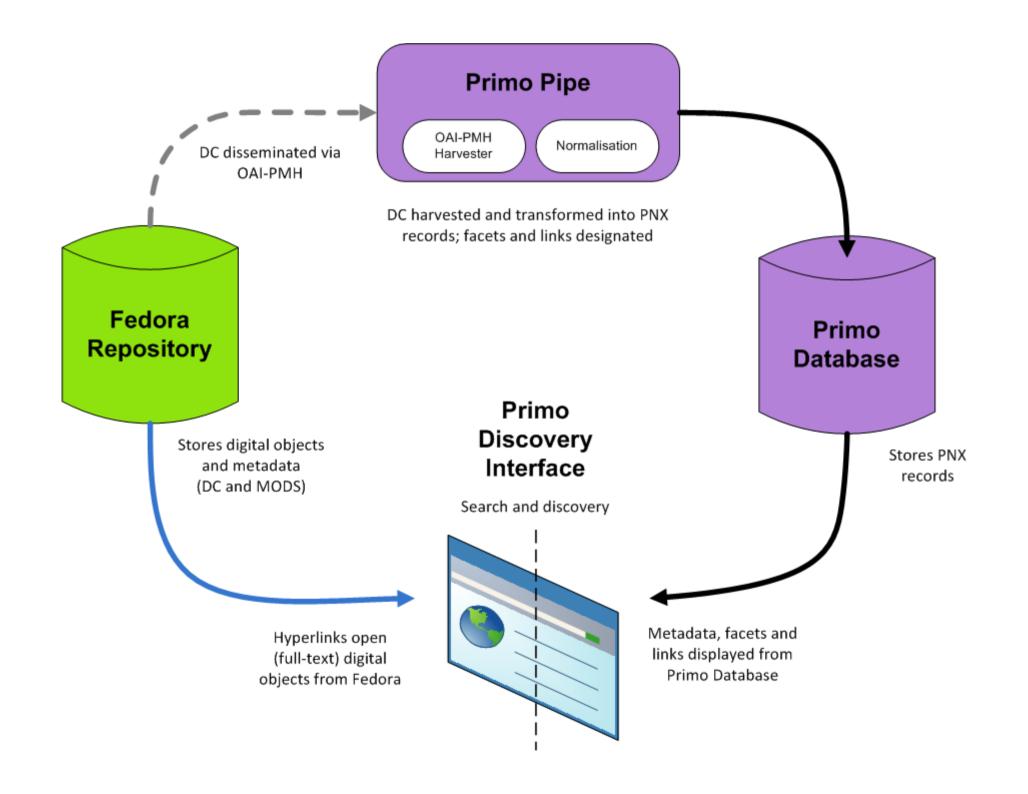
- Development context
- What is Primo?
- Demonstration
- Challenges, issues, solutions
- Business case for Primo on Fedora at UNSW

# Library Repository Services

- UNSWorks
- Projects with academic partners
  - Social Science Research Materials (SSRM)
  - Membranes Research Environment (MemRE)
  - HRH Knowledge Hub Electronic Gateway (KnowlHEG)
- Collaborative research environment toolkit
  - Editing tool
  - Citation builder
  - Selective harvester

#### What is Primo

- Ex Libris product
  - Perpetual beta
- One stop solution for discovery and delivery
- Gathers and normalises records from multiple systems
- UNSW involvement
  - Primo Product Working Group
  - Primo Central development partner



#### SearchFirst

- UNSWorks, Aleph, SFX, eBooks, Digitool, metasearch quickset of 11 databases
- Design based on undergraduate use
- One view, one search box, immediate access
- Simple look & feel



**UNSW**LIBRARY

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Fedora-based repository system which aggregates, stores, articulates relationships between, and disseminates resources associated with Australian social science research in HIV and related diseases is demonstrated. The model has been developed to bridge the gap between eResearch infrastructure capabilities and established collaborative research practice in various disciplinary fields. Underpinning the design is the proposition that eResearch facilities will be optimally used if they fit seamlessly with existing workflows and practices of researchers, and that alignment of research with policy and practice is best achieved if collaborators are able to access and share resources in a timely and efficient manner. The open Fedora-based repository contains metadata and digital objects for research and policy publications, conference presentations, health promotion campaign resources and media reportage relating to Australian social and policy research in HIV and related diseases. The presentation provides an overview of the content model, including methods for identifying and displaying relationships and for aggregating material in the repository. The implementation outlined in the paper advances significant Australian social and policy research by providing an integrated research facility for the curation, sharing, re-use and exchange of resources required by academic, government and community-based partners throughout the research process.

Creation Date: 2009

Language: English

Identifier: http://handle.unsw.edu.au/1959.4/44532

Link to Online Resource

Add to e-Shelf Online access (Find It)



# Primo for UNSW repositories

- "Base" view developed with HRH project (V2)
  - Copied and refined on subsequent projects (V3)
- Balance scalability with specific project requirements
  - Rules for customisation
- Global and per view customisations



Welcome to the Human Resources for Health Knowledge Centre, an innovative and practical tool to assist people in locating key resources on HRH, facilitate the exchange of knowledge amongst those with an interest in HRH policy and practice, and a space to discuss and debate key issues in HRH.

The Knowledge Centre is due to go live at the end of December 2009, so please check back then.

In the meantime if you have any questions about the Knowledge Centre please contact Dr. Angela Dawson.

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Comments & Suggestions

Privacy statement Copyright and Disclaimer

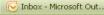


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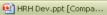


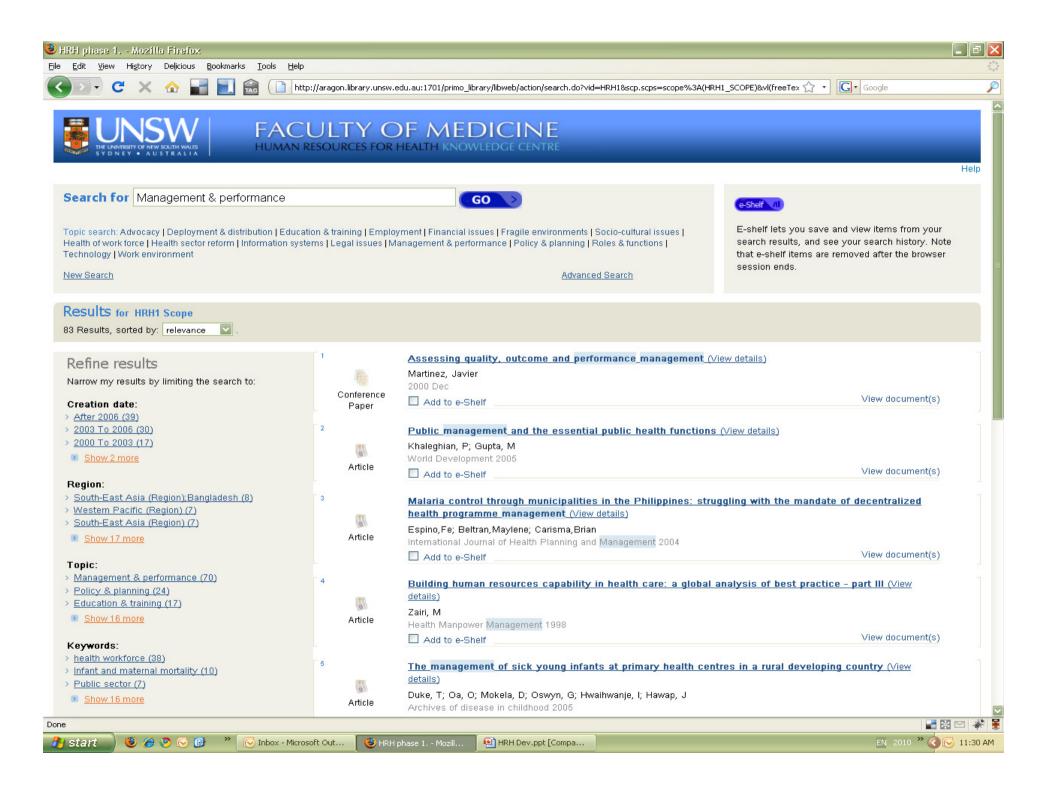


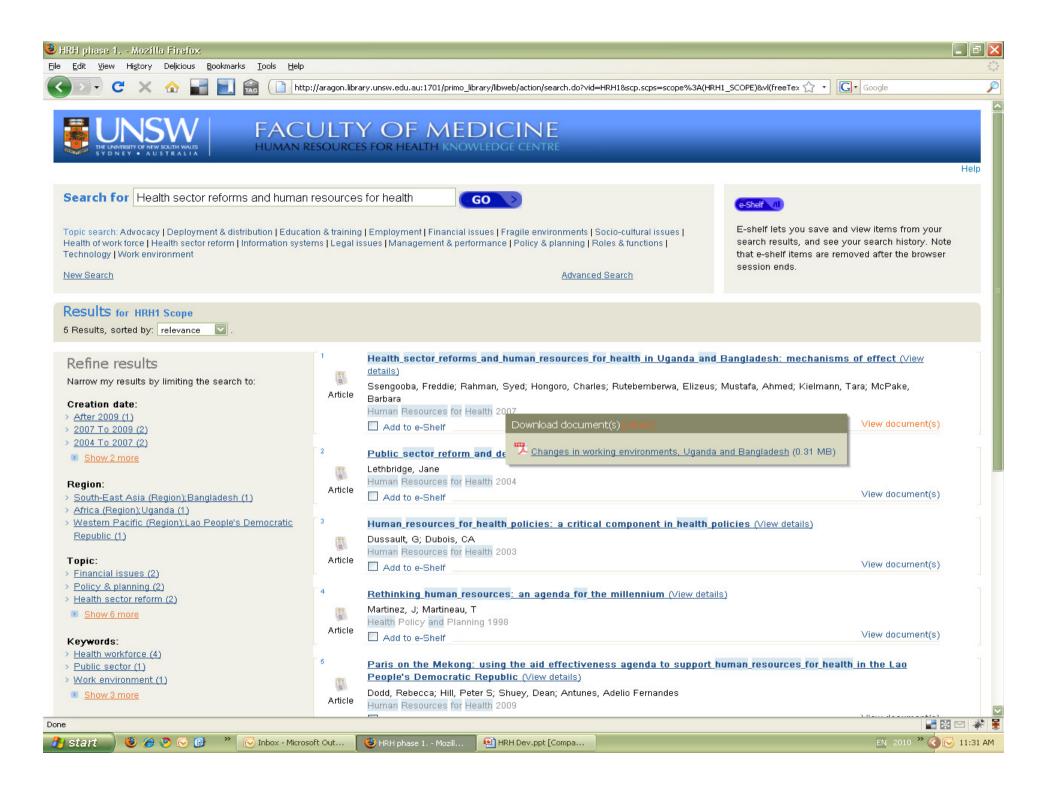


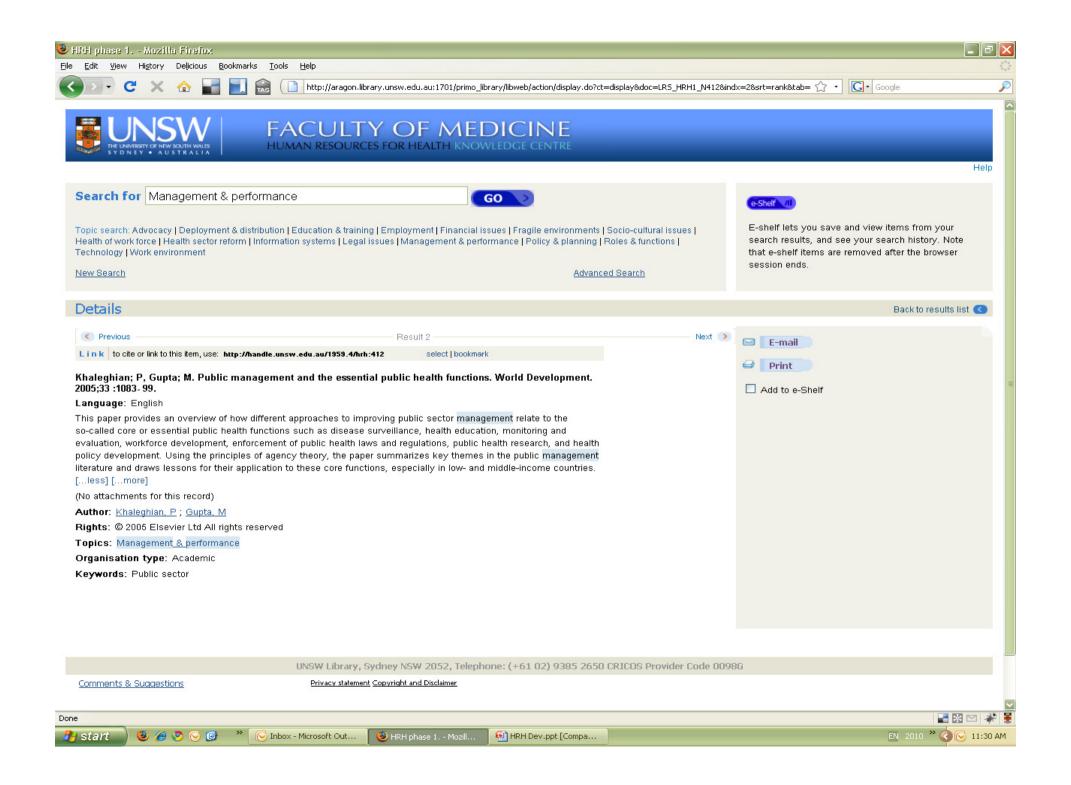






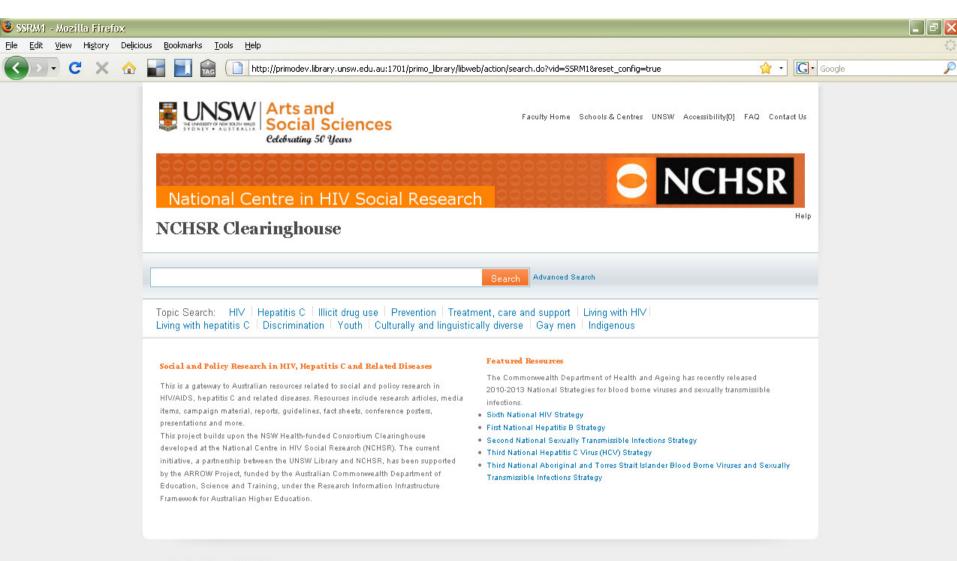




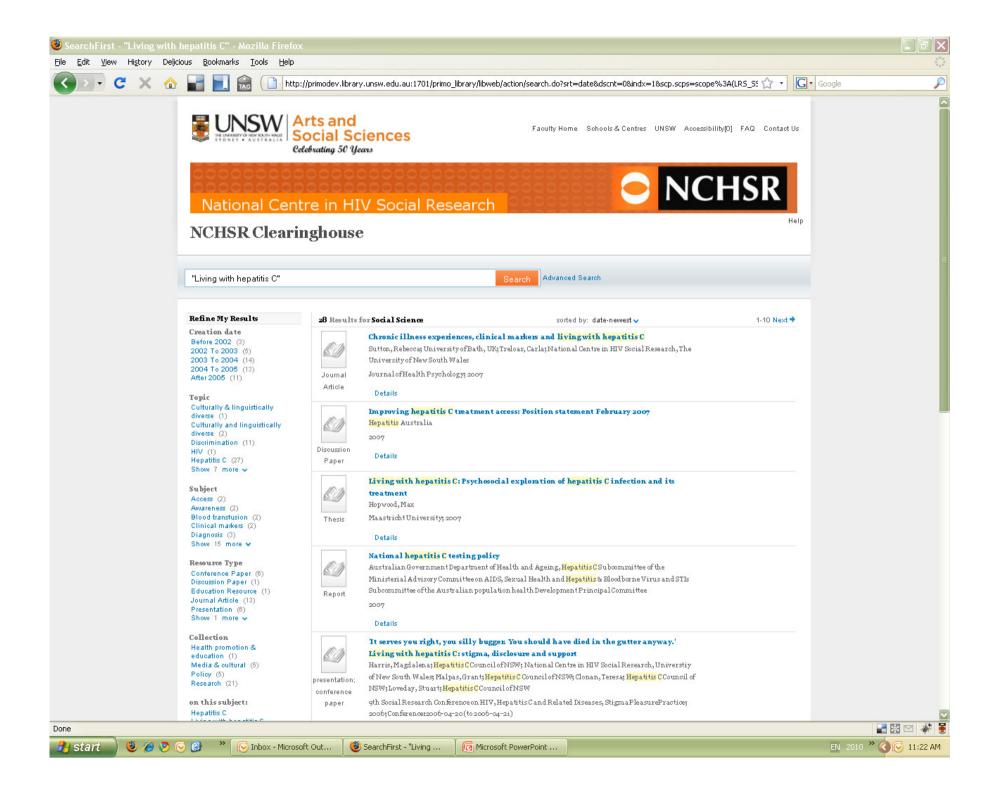


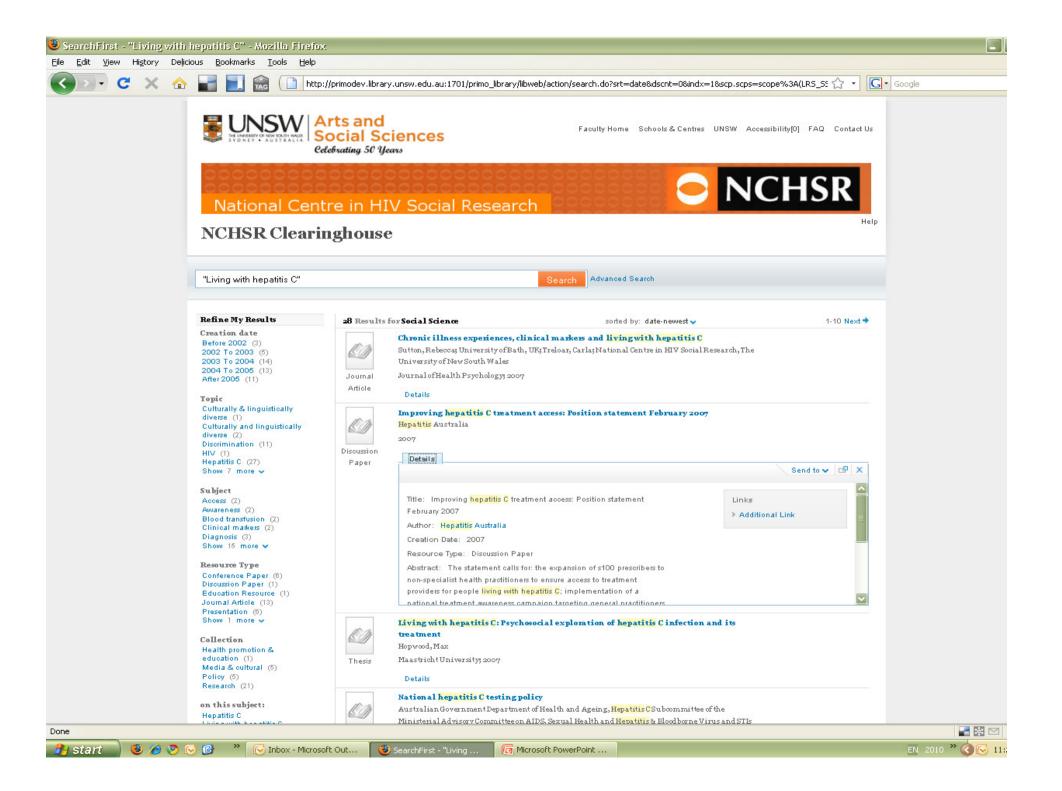
# Challenges and issues

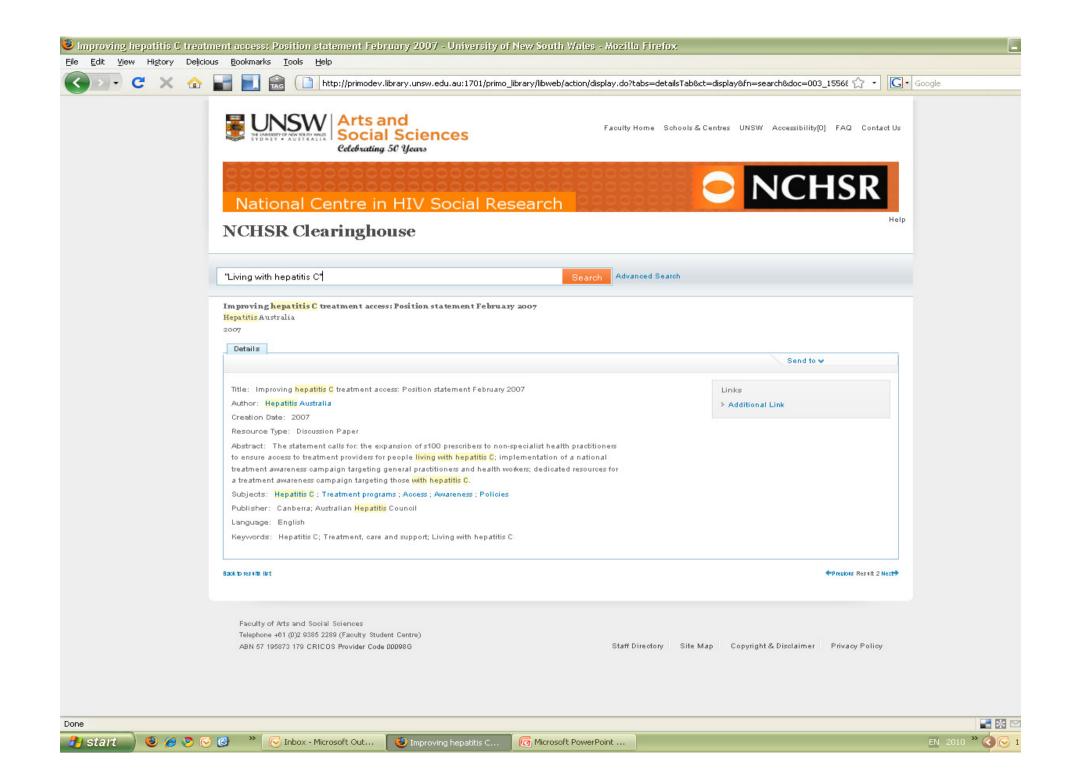
- Persistent link to Primo metadata record (handle)
- Full text search
- Relevance ranking
- Display multiple metadata schema together: MODS, MatML
- Users add and edit works
- Restrict results and datastreams based on user and user role



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# File Splitter



TARGET FILE

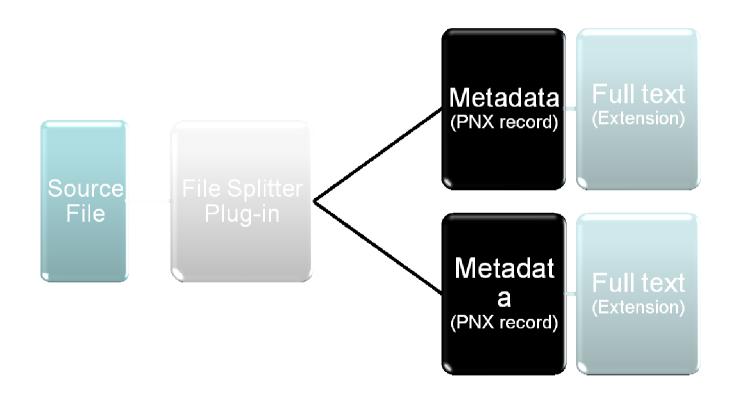
Parse

- FILE SPLITTER (3 types):
- Ready to use: OAI,MARC,SFX and WARC
- Configurable: generic HTML and XML
- Plug-in: unsupported formats

Store

- PRIMO DATABASE
- Metadata (PNX record)
- Full Text (extension)

# File Splitter (plug-in)



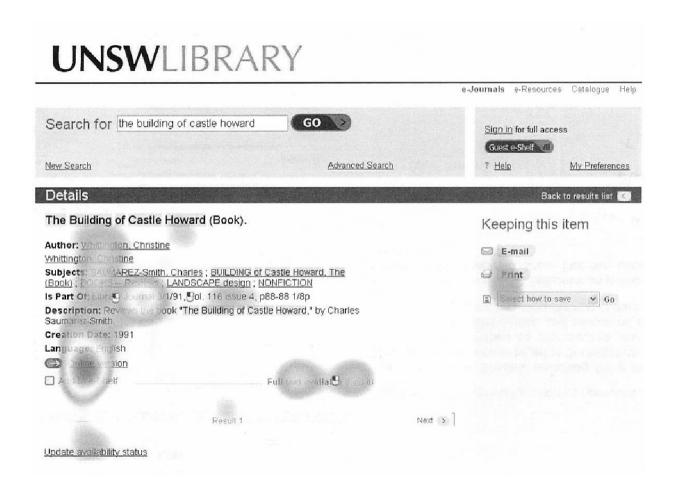
# Ongoing challenges

- Global and per view customisations
- Tension between being part of enterprise system and meeting particular requirements of researchers

## Next steps

- Governance structures authentication for contributors, users etc.
  - Beyond LDAP
- Use with mobile technologies
  - Low bandwidth access
- Integration with CRE tools
- Usability testing with researchers

# SearchFirst heat map





# Advantages for LRS

- Mainstreaming of UNSWorks
- Sustainability part of enterprise system
- Frees up LRS staff resources to develop and extend repository services

## Advantages for researchers

- Institutional stability
  - long term stewardship
  - sustainability beyond funded projects/centres
- Potential for cross institutional interoperability
  - via existing and emerging Library systems and workflows
- Cost benefits

# Broader advantages

- Ex Libris product developed with reference to repository requirements
  - library systems support changing opportunities for research information management and scholarly communication
- Agile system capable of evolving along with changes in research practice and infrastructure