



The repository in the middle: The Sydney eScholarship Repository

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Strategic context

Digital Innovation and Sydney eScholarship

- *Advance the adoption and integration of digital resources and services into the University's teaching, learning and research activities by continuing to be a leading partner in digital innovations.*
 - *Objective 5: Lead the University community in creating and operating digital repository and publishing services.*

University Library, Strategic Plan, 2005-10
Goal 4



Why Sydney eScholarship

- Strategic decision to utilise Library skills, expertise and capabilities
- Strategic positioning to support University goals
- capacity to add value and impact to research
- Long term management of digital content (more than storage)
- Assist with research data management, HERDC RQF
- Capacity to lift the web visibility of University scholarship
- Expectation and opportunity to take a leadership role



Sydney eScholarship

- builds on the **Library's extensive experience** and expertise in creating, publishing and managing digital content
- provides **secure archiving** and managed web access to digital content
- **adds value** and impact through a range of scholarly publishing services, including publication to meet DEST research requirements
- **collaborates** actively with administrative and academic departments across the University
- **participates in national and international initiatives** to develop and test standards and best practices for digital collections and electronic publishing
- leads in implementing digital sustainability practices and standards in association with the Australian Partnership for Sustainable Repositories
- **facilitates and partners in collaborative research** and teaching projects



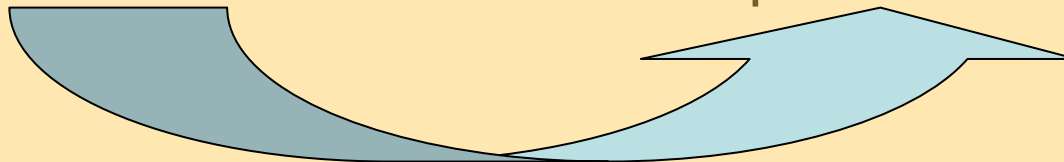
Sydney eScholarship

Sydney Digital Library

- eScholarship repository
- SETIS digital collections
- Sydney Digital Theses
- support, consultation and advisory services
- hosting services

Sydney University Publishing

- Sydney University Press
- other imprints
- digital / print on demand services
- eStore, eCommerce and business services
- experimental publication



VALUE
ADDING



Strategic Partnership

Australian Partnership for Sustainable Repositories

The Australian National University

The University of Sydney

The University of Queensland

The National Library of Australia

The Australian Partnership for Advanced Computing



Supported by:



An Innovative Action Plan for the Future
The Systemic Infrastructure Initiative



Sydney eScholarship uses

DSpace

- An open source digital asset management system developed by Massachusetts Institute of Technology (MIT) and Hewlett-Packard (HP)
 - www.dspace.org





Why DSpace?

- Suits our needs for a digital asset management system
- We have the ability to support both the software and the service
- Open source allows us to make the relevant changes and customisations we require, when required



Sydney eScholarship Repository

- provides for the archiving of, and access to, university research through the management, preservation and dissemination of digital content
- provides the opportunities and means to explore ways to enhance access, use and publication of digital content.
- works in collaboration with other university data repositories and the ICT and e-research programs of the University



Repository Statistics

- Items: 763
- Bitstream Views: 219,477
- Item Views 91,519
- Searches Performed 8,679
- OAI Requests 11,033

Dates Jul 6, 2005 to Sep 6, 2006



Repository Business Models

Standard Service – Free

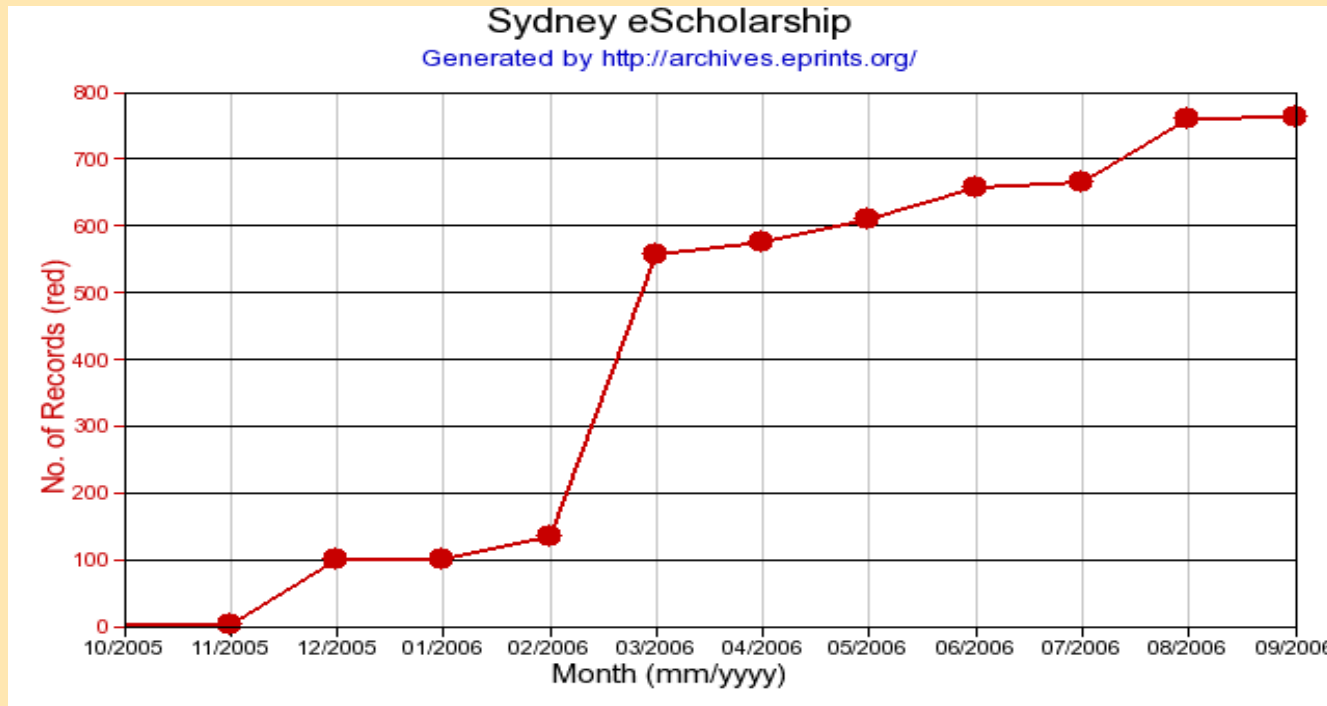
- Establishment
- Education and advice
- Storage and archiving
- Community does most of the work

- Premium – Fee based

- Metadata creation
- Digitisation
- Loading of material
- Major Customisations and database interface design



Repository Growth

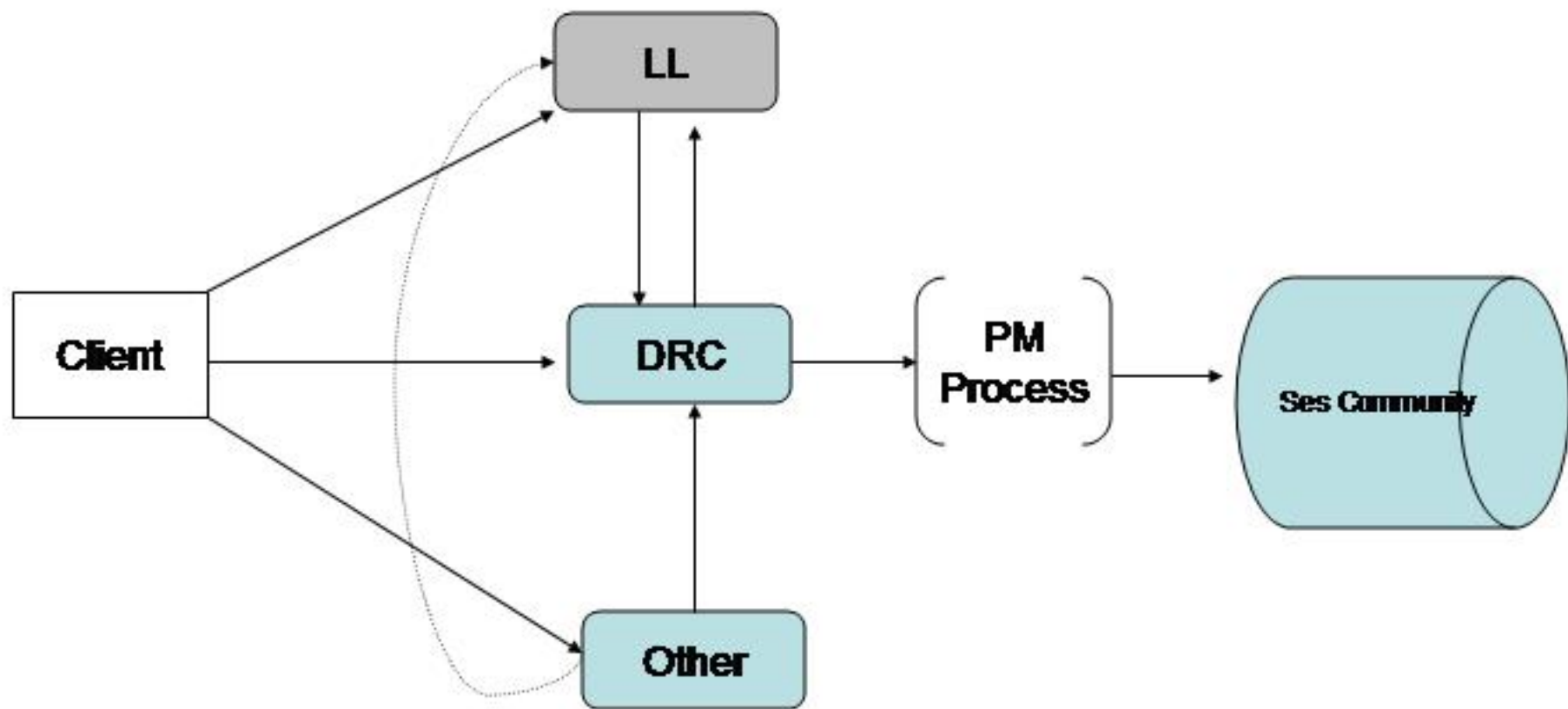


Source: Registry of Open Access Repositories. www.archives.eprints.org



Role for Librarians

- Success due to the work of our Faculty Liaison Librarians
- Open lines of communication between Sydney eScholarship and Library staff
- Differing levels of engagement depending on ability and resources



Communications outline



Wannga Songs of the Northwest Australia.

- Experimental Multimedia Publication
- Uses textual transcripts, audio, images and video.
- Different output options
 - Online Multimedia
 - CD
 - Print



Wannga Songs of the Northwest Australia

Why Sydney eScholarship?

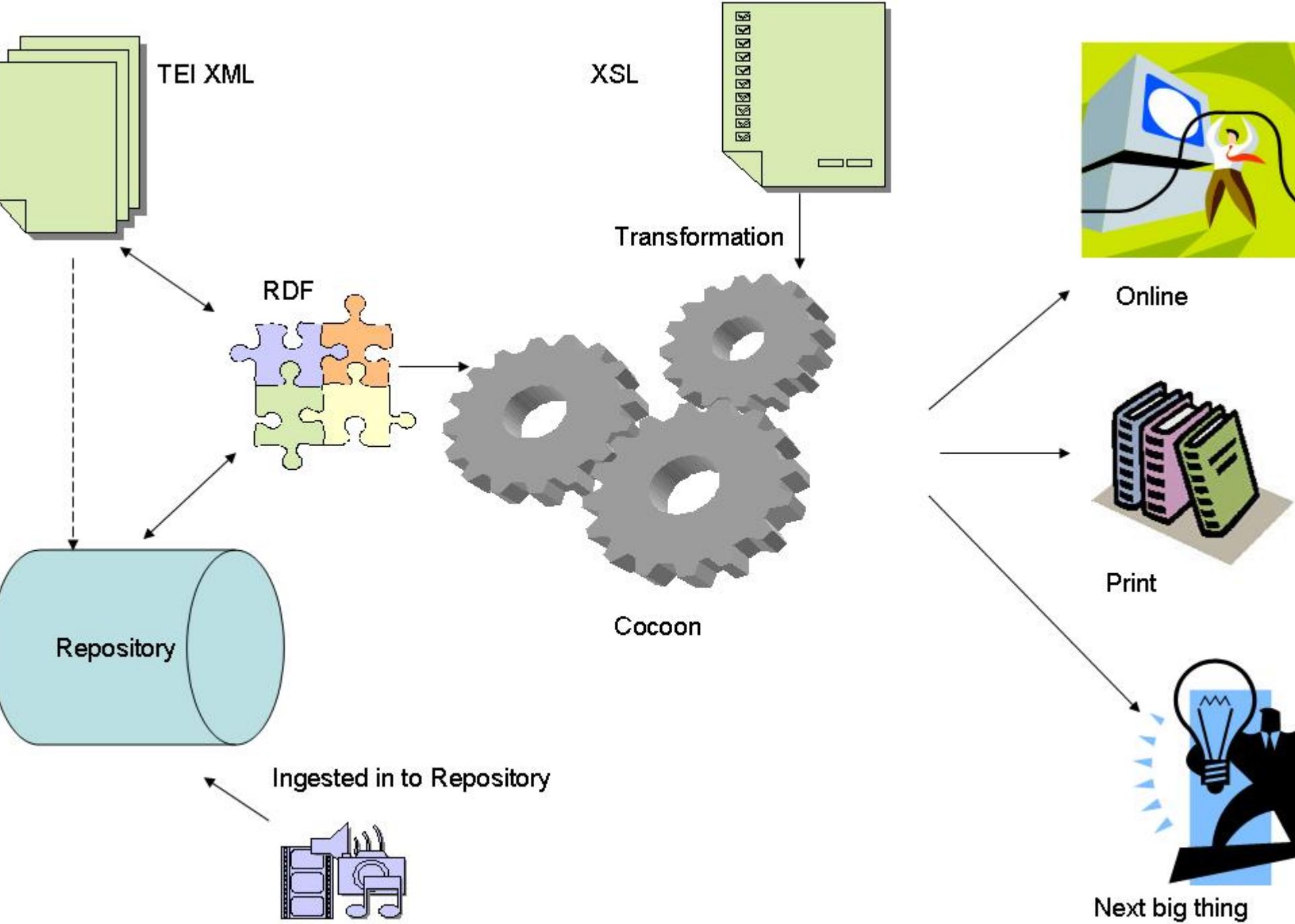
- Experience in textual markup using the TEI
- Ability to offer long term safe storage through the repository
- Can handle print publication through Sydney University Press
- Willing to take on experimental publications
- Part of our vision to support eScholarship at the University



Wannga Songs of the Northwest Australia

Tools

- TEI XML — Mark up
- RDF — Description of material relationships
- Cocoon — Publishing Framework
- XSL - Stylesheets
- DSpace — Storage and archiving





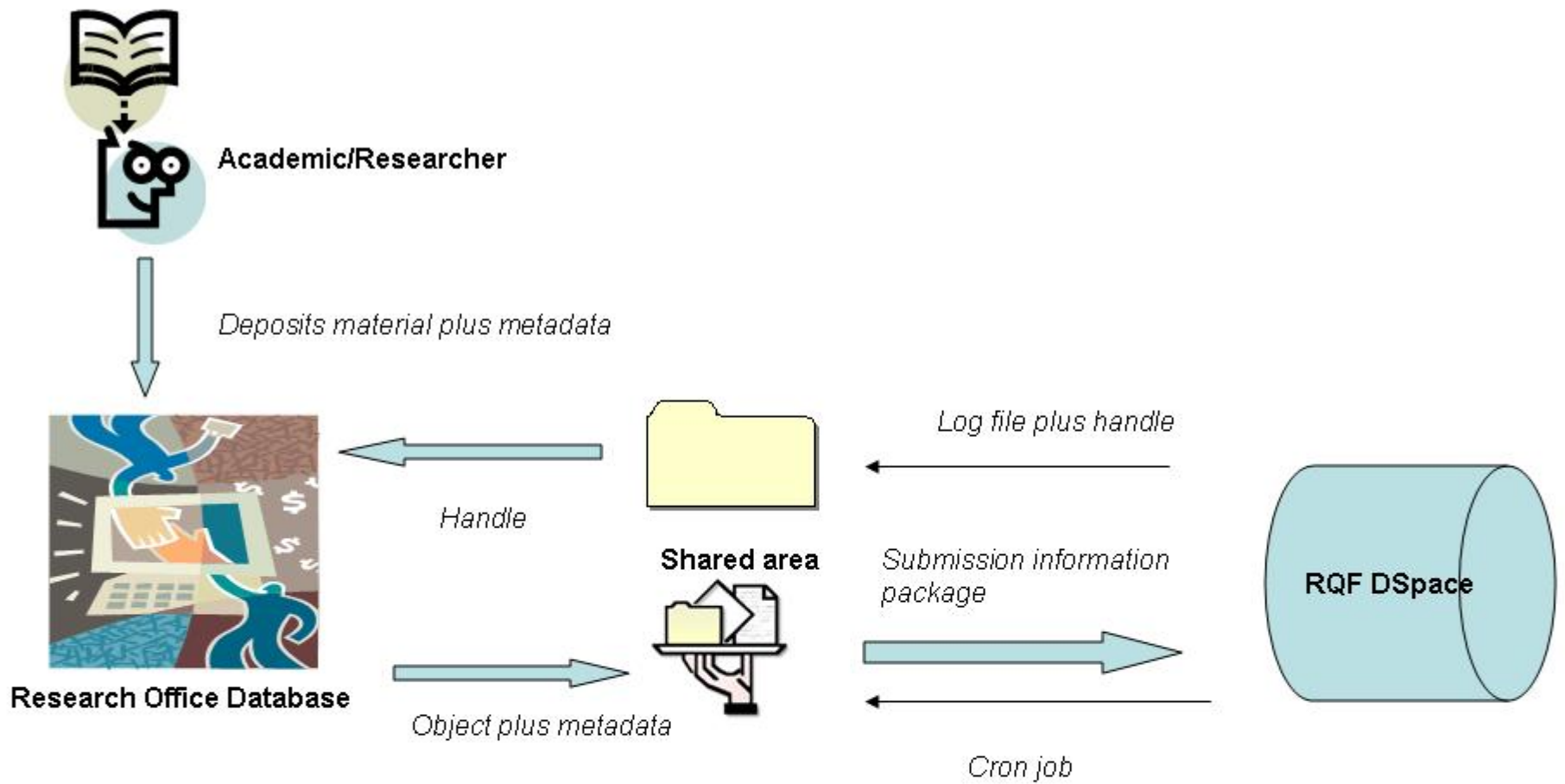
RQF

- A DEST Requirement
- Assessment of research quality and impact
- Assessment by expert panels (12) who are allocated RFCD codes
- Allocation of ~\$600m for the sector in 2009



RQF

- Partnership between the Research Office and the Library through Sydney eScholarship.
- Opportunity for the Library be a key player in activities that affect the University



A very simple diagram of how this process will work



Sydney eScholarship Repository

Questions?