Open access publishing and the repository - a strategy for sustainability

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Ross Coleman
Long term success, sustainability and utility of institutional repository services will depend as much on strategic and business drivers to growth as technical and organisational factors.
In the next 20 minutes …

• The drivers to integrate
• Nature of the Sydney eScholarship
• The role of the Australian Partnership for Sustainable Repositories
• Integrating OJS and OCS with and institutional repository service
• A demonstration
The drivers

- **External**
  - Global - positioning and rank
  - Government requirements - SII, RQF etc
  - E-research agendas - NCRIS etc
- **Internal**
  - IP and asset management
  - Sustainability and curation of content
  - Supporting and leveraging research
  - expectations
- **Strategic**
  - Alignment and engagement in research practice
- **Business**
  - Adding value, impact and exposure to academic research
  - Income return
Sydney eScholarship

The integration of the management of digital content with new forms of access and scholarly publication
Sydney eScholarship

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

Sydney University Publishing
- Sydney University Press
- other imprints
- digital / print services
- eStore and eCommerce
- OJS/OCS
- business services
- collaboration/partnerships

Adding value
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
Repository Interoperability Framework (RIFF)

Project 1&2 -

- Develop and demonstrate scholarly communication workflows integrating the OJS and OCS2 publication systems with open repository platforms to:
  - provide digital archiving
  - OAI compliant access
  - online journal/proceeding (or print hybrid) outputs
OAIS Model
Conference publication workflow

Open Conference System

Editorial selection
Peer review

OAI Access and Publication

Print on demand

Sydney eScholarship Repository
The University of Sydney Library

www.apsr.edu.au
OJS to DSpace workflow

- Work being done by Scott Yeadon (ANU)
- Uses OJS workflow, CMS and publishing capability
- ANU XML conversion facility
- A repository
- The repository does not handle the level of workflow or content management required
- OJS doesn't have the infrastructure for sustainable archiving and long term management of the data
- Dspace can use Manakin/Cocoon for Publishing for the desired output
Demonstration

• DSpace export plugin for OJS provides DSpace servlet with URL
• DSpace servlet pulls OJS Native format across for ingestion
• DSpace OJS Packager plugin processes native OJS and creates a DSpace object
• Packager also creates a simple RDF journal manifest to maintain article order
• Manakin used to generate a published version of journal
# Humanities Research Journal

## Select Issue

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Demo (OJS Native format)
Volume 12 Issue 1: [12]

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