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An Open Access Repository Experience for ERA

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1st December 2009
CAIRSS Community Day

ERA Excellence Research Australia expert panels
access repository **open access**
peer review PCE processes HCA creative works
authentication ARC sculptures journal article
handles book URLs
conference paper book chapter formats scanning
evaluation seer
research system sound metadata full-
text published technical specifications versions
security PDF image author-version

Tag cloud – OA Repository for ERA

A snapshot of our ERA **open access** repository experience

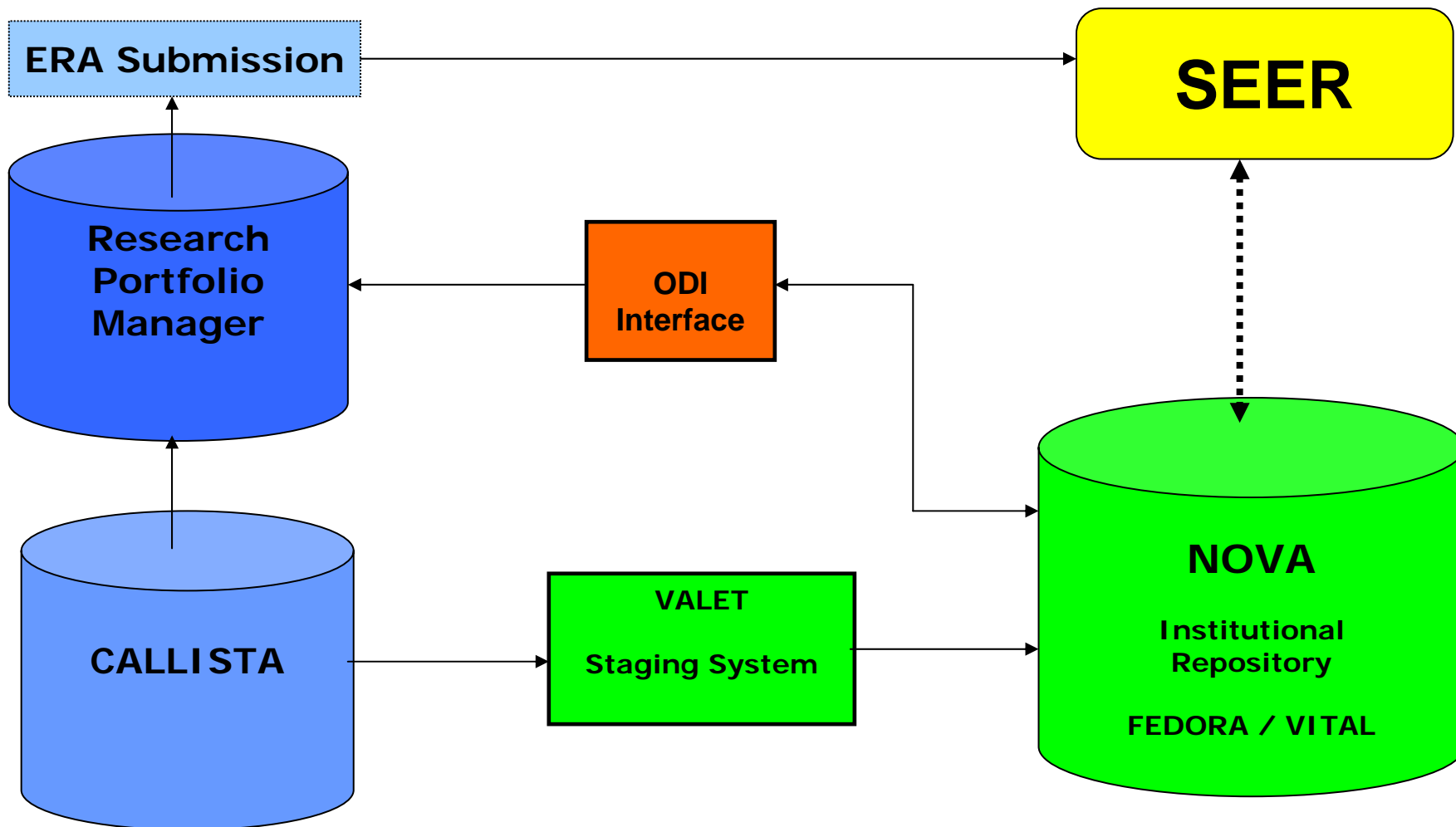
- Interfaces we developed with our **research system**
- process of setting up **authenticated** access
- **what we provided** for the submission (handles, URLs)
- **positives** and **negatives**

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Repository and the Research System



Repository and the Research System

Connections with our Research system

- Previous diagram demonstrate the process

Interface – developed, project started in August 2008 (part of a bigger ERA project)

- **Interface:**
 - Query NOVA (OAI and Fedora)
 - Identifies datastreams attached to objects
 - copies datastreams back to the ODI Oracle interface and stores these in tables
- **Interface Process**
 - Extracts the Handle, PID, RPM identifier, specific FEDORA URLs
 - Match the RPM (research system) number with the Repository PID
- **Outcome**
 - Insert PID and the Handle into corresponding RPM record (so that they are publicly available)
 - Insert the Fedora URLs for attached objects (specific labels for ERA) – and these are not publicly available, but are available for reporting into the SEER submission

Authentication

**NOVA
Open Access**

Closed Access



ERA Tech Specs

- Secure Access
- (Authentication or IP)
- Specific Ports
- Access to RODAs
- Stable URLs
- Specific Formats
- Size Limitations

Authentication

ERA Technical Specifications – what did the ARC want from a repository / archive?

- Secure access - Basic authentication (or IP)
- Use of specific ports,
- RODA publicly available in open access repository (available from metadata pages) and read only access to RODAs not for public access
- Stable URLs, specific formats, size limitations

Authenticated Access

- Set-up and configuration, testing, in authentication was in working in production 6 months prior to ERA, so we were confident that it worked because of the prolonged time period in use
- Success of this was down to support from Dave Huthnance, technical support for the Newcastle repository

What we provided

- Handles to records and open access material
- fedora URLs into the dark side
- To our Research system – a consistent vocabulary for datastream IDs and datastream labels, e.g. word publisher version, publisher version (open access) to identify ERA records and RODAs

Open/Dark Repository -v- Dark archive

Why open access?

- Enabled us to demonstrate the relevance of the repository to the University
 - over and above the philosophy and value of OA
- Helped to establish repository as a core university system
- Demonstrates that the investment (Library, IT, research office) is worthwhile, to other university business requirements, and over and above our goals for open access

Positives and Negatives

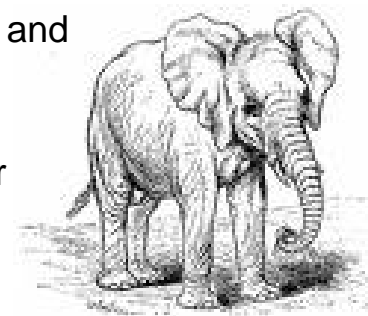


Pluses

- Repository Software that worked to enable authenticated access - allowing us to use the open access repository
- Used existing established repository processes which lent themselves to both open and closed access
- Great IT support from Dave
- Interface between the repository and the research system (automate processes – as opposed to manual)

Minuses

- creative works - metadata not rich enough
- Not enough time to create new templates for creative works
- We used existing templates and amended these to suit the various creative works (89)
- We need to re-visit these for 2010



The Elephant in the
Corner.....Creative Works

THANK YOU

Questions?

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