Exploring Esploro

Migration and implementation of Esploro at Southern Cross University

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Outline

• About Southern Cross
• The Australian repository landscape
• Current infrastructure
• Why Esploro
• The data
• Planned integrations
• The benefits
About Southern Cross

• Multi-campus regional university on the Australian east coast
• Approx. 840 FTE and 11,000 EFTSL
• Home to nine research centres
• Ranked “well above world standard” in 14 research fields by the latest Excellence in Research Australia
• “At world standard” in a further 23 research fields
Historically many University repositories were created from government funding.

- ARROW – Australian Research Repositories Online to the World
- Excellence in Research Australia (ERA)
- Open Access – mandates...almost
- CAUL Review of Australian Repository Infrastructure
Current Infrastructure

- Digital Commons (bepress)
- Selected Works (bepress)
- IRMA
- Manual reporting and data entry
- Manual reconciliation of data
- No integrations
- No workflows
- Reliant on self reporting
Current submission process

- ePubs
- Profiles
- IRMA (CRIS)
Why Esploro

- Early Adopter
- ExLibris support for migration
- Automagic harvesting
- Improved processes
- Analytics
- Integrations
- Collective intelligence
Early Adopter

• A chance to influence
• Ensure Esploro will fit our use case
• Financial benefits
• Also comes with risk

Photo by Lubo Minar on Unsplash
• A twelve week Copyright Agency Electronic Use and Hard Copy Monitoring Survey
• Emergence of new Research Centres
• Technology Services SaaS project to move Finance and Student Services to the cloud
• A technology change freeze
Migration

- OAI-PMH export using document export
- All bepress data also backed up to AWS3
- Mapping of metadata
- bepress asset types
- Related works
- Works with authors in different organisational departments
- Statistics

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Current submission process

- ePubs
- Profiles
- IRMA (CRIS)
Proposed submission process

Esploro

IRMA
Automagic harvesting

- Esploro auto populates the metadata of an asset based on doi or ISBN
- Utilises artificial intelligence to identify assets from various sources
- Leverages off the Summon Index
- De-duplicate assets
- Will look to harvest from Research Data Australia, Figshare and Unpaywall to name a few
- Will link to ORCID
- Support OAI-PMH publishing and harvesting
The data

- ePublications contains nearly 20,000 assets
- Approx. 23% are Open Access
- Open Access content includes a conference proceeding, a defunct journal and Southern Cross theses
- Each series represents a School, Work Unit, Research Centre, or a data collection
- Relationships between the assets in bepress are managed with html hyperlinks
- There was no staff load or synchronisation written for Alma
Integrations

- Southern Cross Staff database (Aurion)
- Southern Cross Data warehouse
- Southern Cross ORCID API
- IRMA (CRIS)
- ORCID integration is on the Esploro roadmap
- Research Data Australia
- Libraries Australia
- Datacite for minting dois
- Many more…
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<td>1</td>
<td>A Collaborative Linkage Study on Gilles-De-La-Tourette Syndrome</td>
<td>D. L. Pauls; R. Rozmahel; Eric J. Devor; J. Weber; A. J. Pakstis; P. Heutink</td>
<td>American Journal of Human Genetics, 49, 4, 343-343</td>
<td>1991</td>
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<td>343-343</td>
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<td>4</td>
<td>A logistic regression model including DNA status and morphology of spermatozoa for prediction of fertilization in vitro</td>
<td>A. Ayhan; H. Yarali; M. E. Enginsu; S. Gunalp; T. Gurban; Eyup Hakan Duran</td>
<td></td>
<td>1998</td>
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<td></td>
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Researcher profiles

Inbal Arnon
Professor of Psychology, Psychology, Hebrew University of Jerusalem

Expertise
My research lies at the intersection of Linguistics, Psychology and Cognitive Science - it combines theoretical insights from the three fields, and applies experimental methods from the social sciences to the study of language. We draw on a variety of experimental methodologies (among them naturalistic child and adult corpus studies, experiments with children and adults, and artificial language learning), and look at a range of languages (mostly English, Hebrew and Arabic) and populations (child learners, adult native-speakers, and L2 learners).

Highlights

**Journal Article**
"Piensa" twice: On the foreign language effect in decision making
by Albert Costa, Alice Fucart, Inbal Arnon, José Apesteguía and Melina Aparici

**Journal Article**
Minding the gaps: literacy enhances lexical

Details

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Links

Personal website

The Living Lab
A project aimed to educate the public about child development by immersing museum visitors in the process of scientific discovery.
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University Library, Southern Cross University

Organizational Affiliations
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University Library, Learning Centre, Lismore.
Crowd Sourcing for Conservation: Web 2.0 a Powerful Tool for Biologists
by Margie Mary Pembroke, William E. Boyd and David Alan Nawel
Future Internet
The advent and adoption of Web 2.0 technologies offers a powerful approach to enhancing the capture of information in natural resource ecology, notably community knowledge of species distributions. Such information has previously been collected using, for example, postal surveys.

The age of the hominin fossils from Jebel Irhoud, Morocco, and the origins of the Middle Stone Age
by Margie Mary Pembroke
Nature
The timing and location of the emergence of our species and of associated behavioural changes are crucial for our understanding of human evolution. The earliest fossil attributed to a modern form of Homo sapiens comes from eastern Africa and is approximately 195,000 years.
Benefits for Library

• Automatic harvesting
• Automatic ordering
• Staff already familiar with how Alma works
• A system that supports all types of assets from blogs to data to traditional publications
• Ability to apply different licenses and access rights to different versions of the publication
• Ease of management of research profiles
• Support from the ExLibris Community
Benefits for Researchers

• Minimal effort maximum exposure
• Increased visibility
• Compliance with funding requirements
• Time saving for research centre administrative staff
• Automatic generation of profile
• Research Profiles that will be fully integrated with the repository
• Time saving for the researcher

Photo by Nik MacMillan on Unsplash
Benefits for Institution

- Comprehensive picture of research outputs across the institution
- Ability to leverage of Alma analytics to create reports
- Automatic dissemination of publications information
- No duplication of effort for adding data
- Timely reporting of publications data
- Consistency
Questions?

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References
