



Connect & Share: The future of Research Professional

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Briefing for Customers
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This Presentation

- Presentation in two parts:
 - Strategy
 - Practicalities
 - PS Brief tour of recent new features at the end
- Follow-up discussion on our new User Group website
- Detailed Briefing and a recording of this presentation can be accessed from the User Group



Philosophy

- “Think globally, act locally”
- Focus on concrete customer demands leads to new objectives
- We *write* about knowledge transfer, now we are *doing* something about it



Universities want...

- ...to get more value out of their subscription to Research Professional
- ...a better way of finding partners.
- Will show how solving the first problem leads to a solution to the second.
- Work in two phases:
 - Phase 1: Connect
 - Phase 2: Share



Phase 1: Connect

- The Usage Problem – Requiring each researcher to set up their own profile is a constant drag that reduces take up and the benefit derived from the service
- The Solution – Automate profile set up
- The Result – Customers get 2X - 10X value out of their subscription

Matching

**University
CRIS**



**>Research
Professional**

Register on >Research Professional

Professor Gary ROBINS
Dr Pip PATTISON
Dr Mr Alain Renaud
Dr Rod TUCKER
Dr Paul SMYTH
Professor Bogdan Gabrys
Dr DIANNE MULCAHY
Dr RADHIKA GORUR
Dr Jenny LEWIS
Dr MARK CONSIDINE
Dr SHANNON ANDERSON
Dr TOONG-KHUAN CHAN
Dr PETER THOMAS
Dr MICHAEL ARNOLD
Dr SHERAH KURNIA
Dr ELAINE WONG
Dr YEE WEI LAW
Dr AN TRAN



Name
Position
Department
Profil URL
Email
'Fingerprint'



Benefits

- Standard Level
 - 1-Click Profile Set Up
 - Proxy Profile Set Up
 - Search for Expertise within your Institution
- Networked Level
 - On Opportunity, Show Researchers
 - On Researcher, Show Opportunities



Now live

- Federated authentication
- Harvesting of researcher data
- Algorithmic generation of researcher fingerprints
- Matching with funding opportunities
- User interface
- Research Professional API alpha (Funder ID)



Key points for customers

- Improved service for all customers
- Free
- Interoperation with REF/ERA-inspired databases of researcher outputs works specially well in the UK and Australia
- Low-tech integration (csv file) to start with – everyone can play
- Comprehensive and up-to-date
- Respects the institutional boundary
- Rapid, extensive roll out in the coming months



Phase 2: Share

- Research ends up with fingerprints of all researchers at participating institutions
- We can then join up these lists and start providing national and global services:
 - Expertise
 - Analytics
 - Social network.



Expertise

- Expertise database of all academic researchers in the UK
- Database of all academic researchers in Sweden and Australia
- Global database of all researchers at participating institutions
- Additional institutions can join for free
- Access and usage as agreed with the universities
- Many uses



Who can see our profiles?

- Staff at institutions on the network
- Beyond that – a topic for discussion. Only what is acceptable to universities
- If an institution wants the facility, individuals can opt out of sharing
- Starting point for discussion: individually authenticated staff at big, trustworthy institutions such as:
 - Government agencies
 - Large hi-tech firms
 - Hospitals
 - Learned societies
 - Scholarly publishers



Analytics

- Statistics at the national level
- Institutional performance benchmarks
- Indicators for individuals
- Mapping
- Probable Step 1: Granular usage data via our API for you to analyse yourselves
- Discussion now. Development later in 2014



Social network

- Social network for work
- Researchers, administrators and managers in universities
- Ditto research institutes, learned societies, scholarly publishers, charities
- Users in companies, government agencies, hospitals etc
- Find. Build. Share. Collaborate. Learn. Create.
- Permeable membrane at the institution boundary
- Middle of 2013



Research university customers

- 300 university site licence customers around the world
- About half the world's Top 200
- 130 UK universities = ~100% of UK academic researchers
- 20 Swedish Unis = >90% of Swedish academic researchers
- 30 Australian university customers = ~80% of Australian academic researchers
- Also Northern Europe, Africa, US, New Zealand and elsewhere
- Tend to be research intensive with a global outlook



Ownership

- Profiles of researchers owned by the universities
- Central registry owned by Research
- Services all require both
- Hence “co-owned”
- Ownership = Permanent partnership



Consequences

- Social network of academics
- And the honeypot of expertise here is big enough to attract users
- Hence we will link up the researchers and users in the UK...
- ...and the world.



Conclusion

- Another way of fulfilling the objective we set ourselves at Research Fortnight almost 20 years ago of bringing universities, government and companies closer together



Practicalities

- Two tasks between now and Christmas to complete the initial Connect phase set-up
 1. Set up federated authentication
 2. Upload user data to allow you to try out matching.



Set up federated authentication

- Recap on benefits: Single Sign On, Remote Access, Personalised Experience, Granular Usage Reports, Enables New Services.
- Step 1: Identify your technology
- Step 2: Enable federated authentication via Shibboleth
- Step 3: Exploit federated authentication
 - CSV File
 - User's name, email address and Shibboleth ID
 - Current Research Professional users only



Upload researcher links

- CSV file (spreadsheet)
- All researchers
- The following fields for each researcher: Title, First Name*, Middle Name, Last Name*, Position, Department, Authentication ID (as declared by, for example, your Shibboleth server)*, RMS ID (as used in your research management system), Email*, Sharing Opt Out, Profile URL*.
- More options. Detail in the document *Connect & Share: Next Steps* in the User Group pages.



Next steps

- Technical development
- Meanwhile, explaining and discussing with universities via the new User Group
- Also, other interested parties, eg government agencies