

Current JISC initiatives for Repositories

Exchange of Experience on Institutional Repositories

17th May 2007, Liverpool

Julie Allinson

Repositories Research Officer

UKOLN, University of Bath



UKOLN is supported by:



Supported by



Museums, Libraries and
Archives Council



Overview

- The Information Environment and the eFramework
- A couple of Programmes
- A bunch of projects
- The RepositoryNet
 - Repository Support Project
 - The Depot
 - Intute Repository Search
 - Repositories Research Team
- And some other stuff

JISC Information Environment (1)

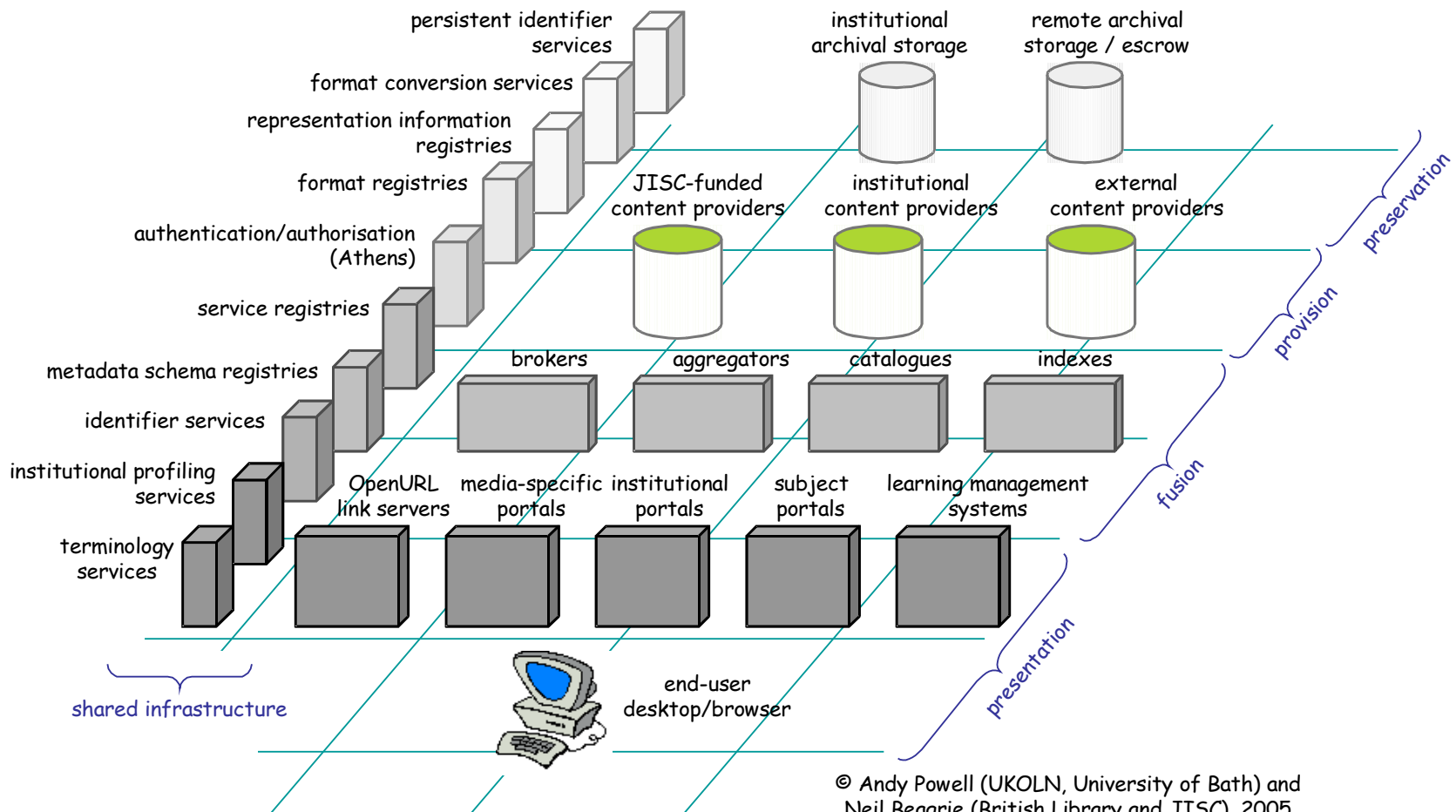
“The aim of the Information Environment is to help provide convenient access to resources for research and learning through the use of resource discovery and resource management tools and the development of better services and practice. The Information Environment aims to allow discovery, access and use of resources for research and learning irrespective of their location.”

JISC Draft Strategy 2007-2009



JISC Information Environment (2)

- Development activity
- Funding stream(s)
- A high-level technical architecture
 - relationships between components, standards, protocols
- Content and data flow
- Services
- Enhancing the user's experience of networked information in educational context



This work is licensed under a [Creative Commons License](https://creativecommons.org/licenses/by-sa/2.0/)
Attribution-ShareAlike 2.0



eFramework

- A complementary activity to the Information Environment
- Where the IE takes a broadly abstract view of the space
- The e-Framework takes a low-level technical view
- A service-oriented approach to developing systems and services
- Identifying and documenting the services used to build particular applications across education and research
- Identifying and describing common usage models, for re-use

JISC Programmes : the DRP

- Digital Repositories Programme ('05-'07)
 - 25 projects; some have already finished
 - less focus on 'institutional' repositories (than previous FAIR Programme)
 - some themes: legal/policy, cultural/social, research data, e-learning, technical challenges, interoperability, images, eTheses, scholarly works
 - forthcoming conference 'Dealing with the digital deluge', 5-6 June, Manchester will showcase a range of research and development work in this area, and demonstrate how it can be practically applied by those working within institutions
 - www.jisc.ac.uk/whatwedo/programmes/programme_digital_reposito
 - (it may be booked up by now)

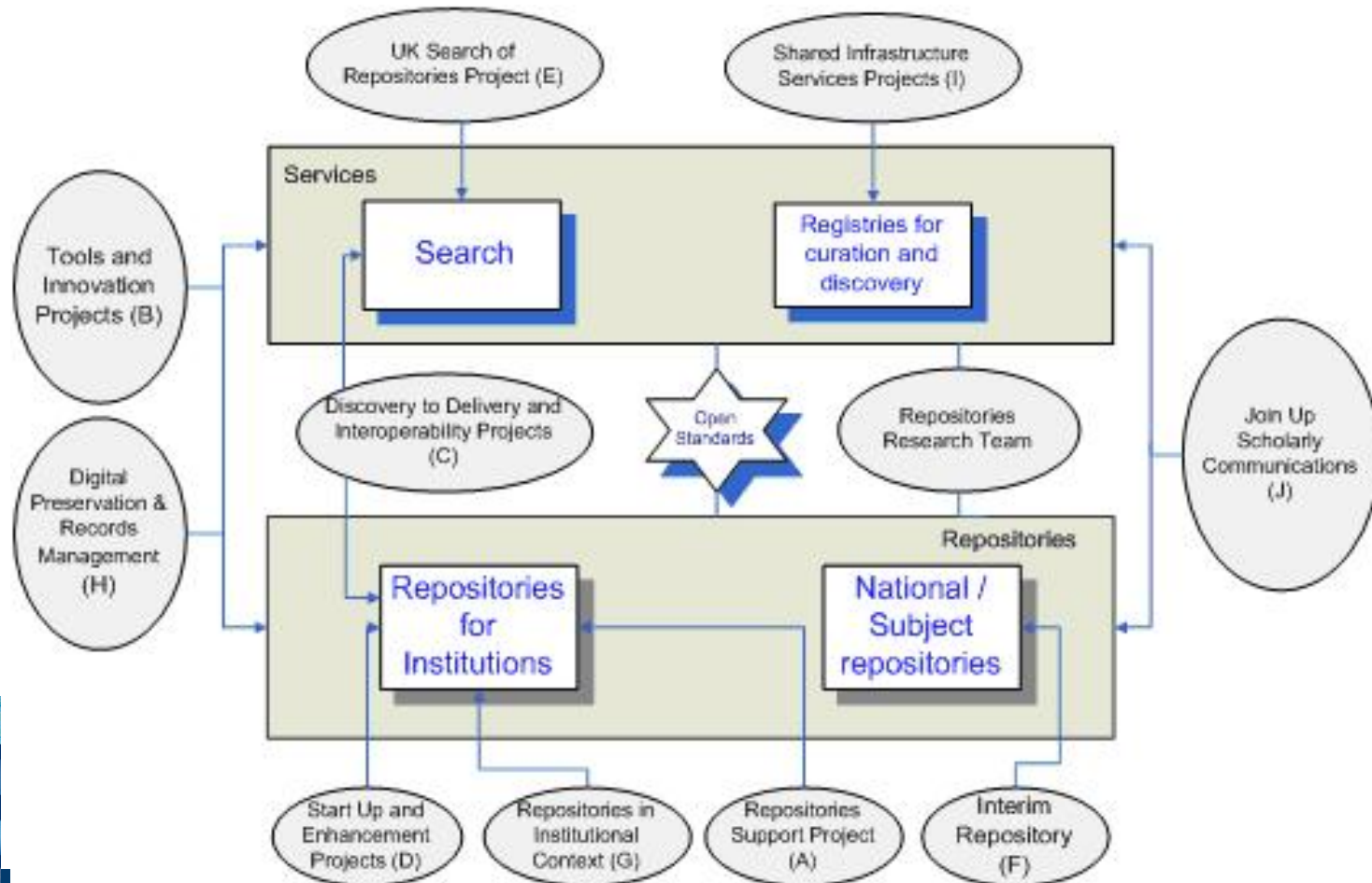
JISC Capital Programme

- Capital Programme: Repositories and Preservation Strand ('06-'09)
 - A £14m investment in Higher Education repository and digital content infrastructure
 - Wide range of projects already funded
 - Circular 1/07 capital programme call for projects is out at the moment
 - Repository Interoperability Demonstrators
 - Repository start-up and enhancement projects
 - Digital preservation across the lifecycle
 - www.jisc.ac.uk/fundingopportunities/funding_calls/2007/04/circular0107.aspx
 - Closing date Thursday 21 June 2007

Projects : a selection

- Start-up and enhancement projects, including Bolton, MMU, Salford, Nottingham Trent, Coventry, York, Lincoln, Leeds
- Some areas of activity:
 - Social tagging, lightweight approaches to image aggregation, robot-generated data, overlay journals, national eTheses service, ingest, preservation, deposit, bulk migration, contextualised learning object metadata, crystallography data repositories, more ...
 - Across tools and innovations, shared infrastructure, discovery to delivery and preservation strands

Programme Structure



The Repository Net



- Repository Support Project
- The Depot
- Intute Repository Search
- Repositories Research Team

A support network and infrastructure for
repositories in the UK

Repository Support Project

- Repository Support Project
 - Sherpa (lead), UKOLN, University of Aberystwyth, University of Southampton
 - Aim: to provide support for institutions setting up repositories
 - www.rsp.ac.uk (launching very soon)
 - Forthcoming summer school for prospective repository managers at Dartington College (27-29 June 2007)
 - Builds on existing expertise of partners
 - Sherpa – advocacy and services for repositories
 - OpenDOAR, Sherpa Romeo, Sherpa Juliet
 - UKOLN – advice and support on managing digital information and repositories
 - Aberystwyth – supporting Welsh repositories and DSpace support
 - Southampton - EPrints software support

Intute Repository Search

- Intute Repository Search Project
 - Intute (lead), UKOLN, Sherpa
 - Aim: to provide a cross search of UK repositories
 - www.intute.ac.uk/projects.html
 - Builds on existing expertise of partners
 - Intute – developing search services to support UK education and research
 - Sherpa – advocacy and services for repositories
 - UKOLN – technical development of RDN and original Eprints UK project demonstrator, expertise in managing digital information and repositories

The Depot

- The Depot (“put it in the depot”)
 - Edina (lead), Sherpa
 - Aim: To point depositors to an appropriate repository
 - ... and to provide an interim repository for depositors without an institutional or other repository
 - depot.edina.ac.uk (demo service available NOW, launching at the end of May)
 - Building on expertise of partners
 - EDINA – data management and JISC service development, partners in Jorum – the national learning object repository
 - Sherpa (again!) – advocacy and services for repositories

Repositories Research Team

- A collaboration between UKOLN and JISC CETIS (Centre for Educational Technology and Interoperability Standards)
 - Cross-programme synthesis
 - Digital Repositories Programme synthesis (later this year)
 - Research and development activities
 - Scholarly works application profile
 - Deposit API
 - Repository ecology
 - Mapping the complex repository ecology as a way of understanding and improving ...
 - interactions between repositories ...
 - between repositories and services ...
 - between repositories and users
 - CRIG – JISC Common Repository Interfaces Working Group - facilitating interoperability between a distributed network of repositories
 - Communication and dissemination (like today)
 - Forthcoming newsletter
 - DigiRep Wiki (www.ukoln.ac.uk/repositories/digirep/)
- Working closely with JISC Programme Managers, but we aren't the JISC.

Anything else?

- Of course!
- Object Reuse and Exchange (ORE) initiative www.openarchives.org/ore
 - Following on from the OAI-PMH initiative
 - To develop standards for sharing and re-using compound objects
 - UKOLN, EPrints, UK DSpace developers, and others from the UK are represented
- DRIVER project
 - Major European project to develop an infrastructure for repositories
 - Sherpa, UKOLN and others in the UK are involved
- Lots of related work in Australia
 - Australian equivalent of JISC (DEST) are partners in the eFramework
 - Arrow project to cross-search Australian repositories
 - APSR to offer support to Australian repositories
- And elsewhere, U.S., Netherlands etc.

And that's it ...

Find out more:

- www.jisc.ac.uk/whatwedo/themes/information_environment
- www.jisc.ac.uk/whatwedo/programmes/programme_rep_pres.aspx
- www.ukoln.ac.uk/repositories

Contact:

- j.allinson@ukoln.ac.uk

This presentation available soon at:

www.ukoln.ac.uk/repositories/digirep/index/Media:nowal-repositories-exchange-2007-05-17.pdf

