Digital Repositories

One Size Fits All?

UKOLN Open Forum
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UKOLN is supported by: JISC M L A
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Repositories in the UK

- 130 Higher Education Institutions in England alone, (Source: HEFCE) over 200 in total
- Circa 50 have Institutional and/or Department repositories
  - OpenDOAR (www.opendoar.org) lists 56 UK repositories
  - ROAR (archives.eprints.org) lists 72, 44 of which are classed as Institutional or Departmental
- JISC (www.jisc.ac.uk) has been funding directly in this area since 2002
  - FAIR Programme (2002-2005)
  - Exchange for Learning (X4L) Programme (2002-2005)
  - Digital Repositories Programme (2005-2008)
  - JISC Capital Programme Repositories and Preservation strand (2006-)

What *is* a digital repository?

- Most of the 50 are repositories of scholarly outputs (eprints)

- Repositories also exist for learning objects and other materials

- Data Centres of raw research data, digital collections or digital archives or libraries in the cultural heritage sector can also be termed 'repositories'

- Often these pre-date the terminology

Definition of 'repository'

" … a digital repository is differentiated from other digital collections by the following characteristics:

- content is deposited in a repository, whether by the content creator, owner or third party
- the repository architecture manages content as well as metadata
- the repository offers a minimum set of basic services e.g. put, get, search, access control
- the repository must be sustainable and trusted, well-supported and well-managed"

Heery, Rachel and Anderson, Sheila. Digital Repositories Review, UKOLN and AHDS, 2005 (Final version)

<
www.jisc.ac.uk/uploaded_documents/digital-repositories-review-2005
>

Definition of Institutional Repository

" … a set of services that a university offers to the members of its community for the management and dissemination of digital materials created by the institution and its community members. It is most essentially an organizational commitment to the stewardship of these digital materials, including long-term preservation where appropriate, as well as organization and access or distribution"

Clifford Lynch. 'Institutional repositories : essential infrastructure for scholarship in the digital age'. *ARL Bimonthly Report*, February 2003
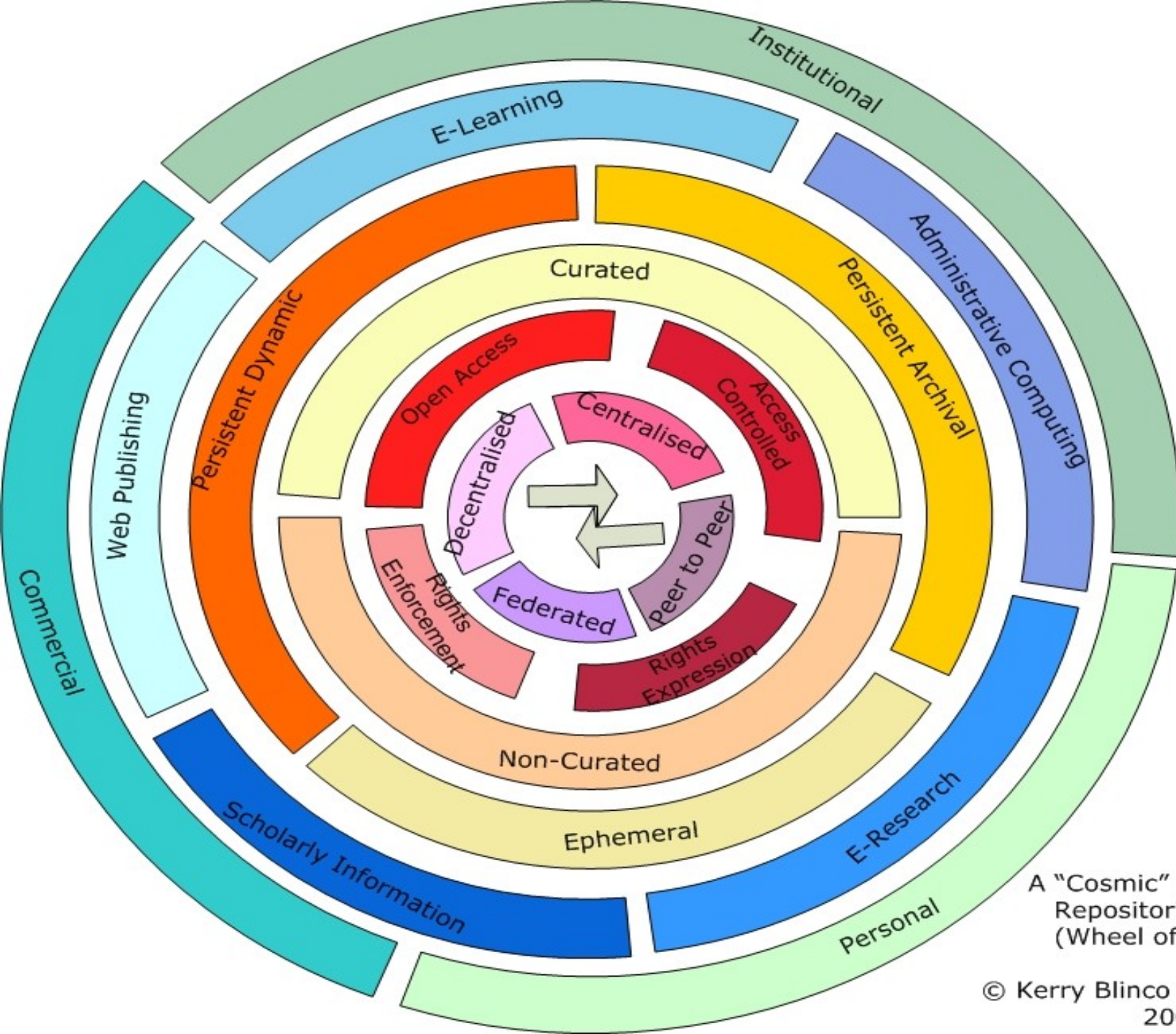
<www.arl.org/newsltr/226/ir.html>

The many faces of repositories

- Content
- Coverage
- User Group / Domain / Community
- Access Policies
- Distribution
- Function / Purpose

A "Cosmic" View of the Repositories Space (Wheel of Fortune)

© Kerry Blinco & Neil McLean, 2004

Why do we need repositories?

- A new tool in the academic workflow
- Captures information about deposits from the author
- Added information, added-value, e.g.
  - Subject access to resources
  - Harvesting by other services
- Varied output options, e.g
  - RAE returns
  - Departmental bibliography
  - Author CVs
- Secure, trusted storage
- Options for long-term preservation
- Policies provide clarity for depositor and user
- Open, or controlled access
- Increased impact

Digital Repositories Programme

- £4m JISC-funded Programme

- Phase 1 2005-2008

- Follows on from FAIR Programme

- Precursor to JISC Capital Programme

- 25 projects

- Cross-domain, cross-theme

- Digital Repositories Programme Support

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Clarity for repositories
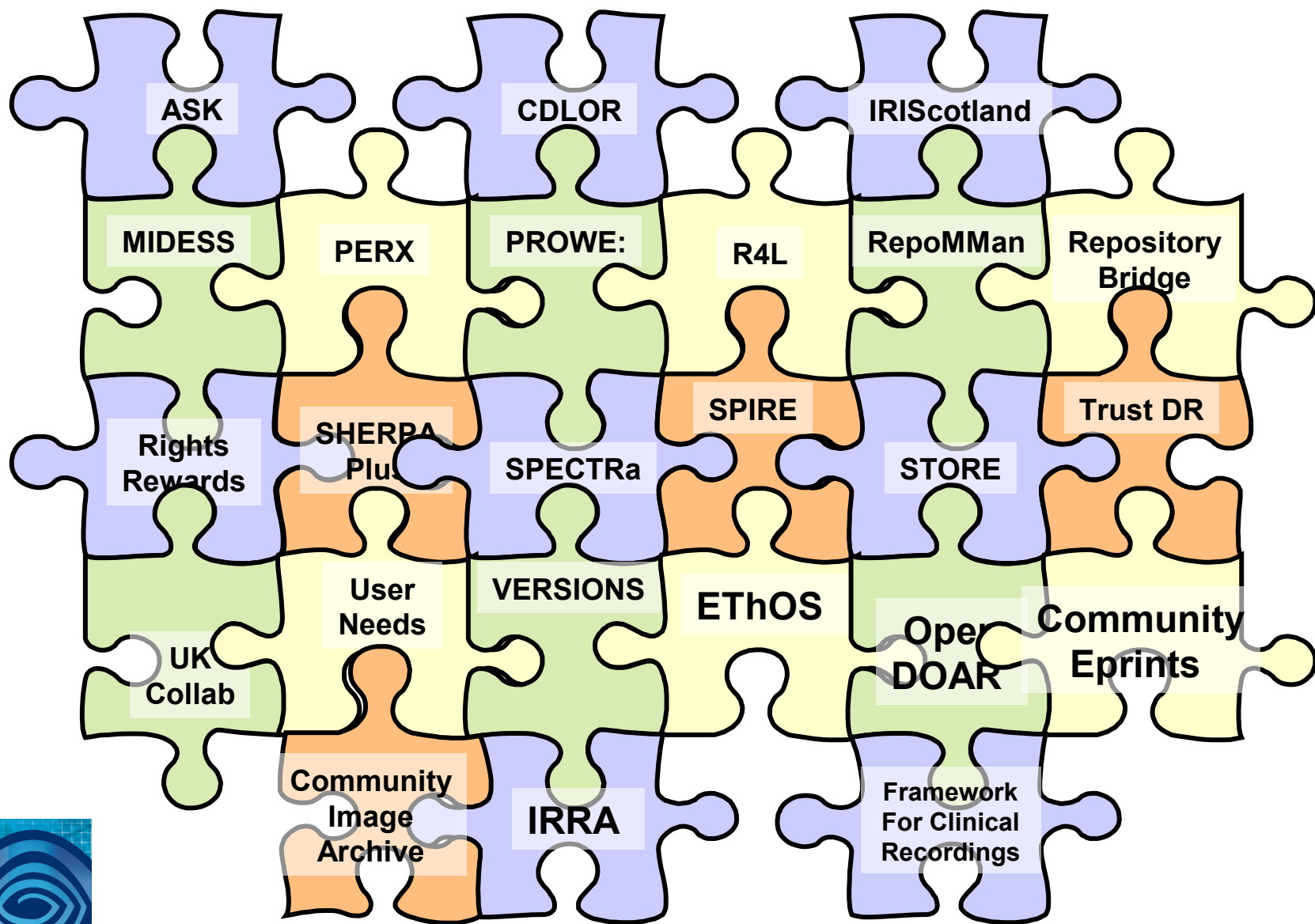
- Programme-level
    - Typology and Ecology
    - Repositories Roadmap
    - Reference Models
    - Scenarios and Use Cases
    - E-Framework
    - Information Environment and Interoperability
    - Standards
    - Linking UK Repositories Study

ASK

CDLOR

IRIScotland

MIDESS

PERX

PROWE:

R4L

RepoMMan

Repository Bridge

Rights Rewards

SHERPA Plus

SPECTRa

SPIRE

STORE

Trust DR

User Needs

VERSIONS

EThOS

Open DOAR

Community Eprints

UK Collab

Community Image Archive

IRRA

Framework For Clinical Recordings

Projects and Clusters

- Data Repositories
  - R4L, SPECTRa, CLADDIER, GRADE, StORe
- E-Learning
  - ASK, PROWE, SPIRE, UKCDR, CDLOR, TrustDR, RepoMMan, SHERPA Plus, Rights and Rewards
- Repositories and Preservation
  - SHERPA Plus, MIDESS, Repository Bridge, SPECTRa
- Legal and Policy Issues
  - TrustDR, Rights and Rewards, GRADE, VERSIONS, OpenDOAR, EThOS, SHERPA/RoMEO
- Machine Services
  - OpenDOAR, IRS, User Needs and Potential Users, RepoMMan
- Integrating Infrastructure
  - SHERPA Plus; IRIScotland; PERX; EThOS; MIDESS; Repository Bridge; Community Eprints; Linking UK Repositories study

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Wider impact

- Increased understanding and profile of the repository space

- Tools, demonstrators, implementations, experiences

- Scenarios, use cases, user requirements

- Reports and recommendations, best practice

- Community engagement, discussion

UKOLN and repositories

- UKOLN is co-ordinating support activities for the Digital Repositories Programme
- Working with:
  - JISC
  - CETIS
  - Projects
  - Clusters
  - More …
- E-Bank project

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The future

- JISC Capital Programme – funding for repositories to 2009, including
  - UK repositories search service
  - Interim solution for Institutions without a repository
  - National Repository Support Project
  - Matched funding for Institutions
  - Development, tools and more …

Thanks for listening …

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Questions?

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