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# The Digital Curation Centre

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Funders: JISC 

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University College London Information Day :: 16th January 2007



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# What is an Information Day

- Learn
- Discuss
- Action

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# Overview

- Digital Curation
- Aims of the DCC
- Work of the DCC

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# Digital Curation

- Active management of data over life-cycle of scholarly and scientific interest
  - reproducibility
  - reuse
- Appreciation of differences between disciplines
- Ubiquitous relationship with digital information



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# UK Digital Curation Centre

- CCLRC
- University of Edinburgh
- HATII
- UKOLN

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# UK Digital Curation Centre

Support and promote continuing improvement in the quality of data curation and digital preservation activity

## Drivers

- increasing awareness that digital assets are reusable
- continuing access vital to ensure contemporary scholarship is reproducible and verifiable
- digital assets are fragile



## DCC Objectives

- Lead a vibrant international research programme
- Create an active, innovative and collaborative network of associates
- Deliver effective, efficient and high demand services
- Evaluate tools, methods, standards and policies
- Establish registries of tools and technical information



## Engage Communities of Practice

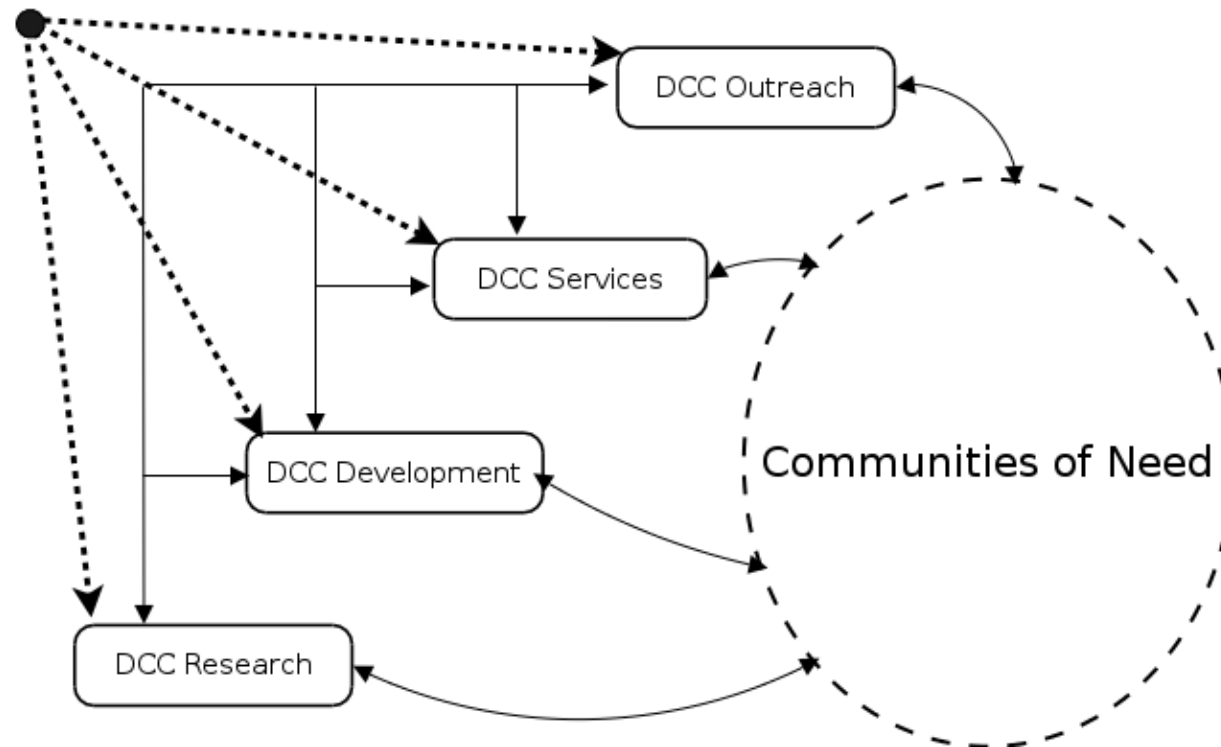
- Those who have responsibility
- Invoke/provoke good practices
- Place research in productive research domains
  - e.g. Informatics, Law, e-Science ...
- Work on the 'R&D', to create services of relevance
  - turn products of research and development into tools and services for use



External Sources:

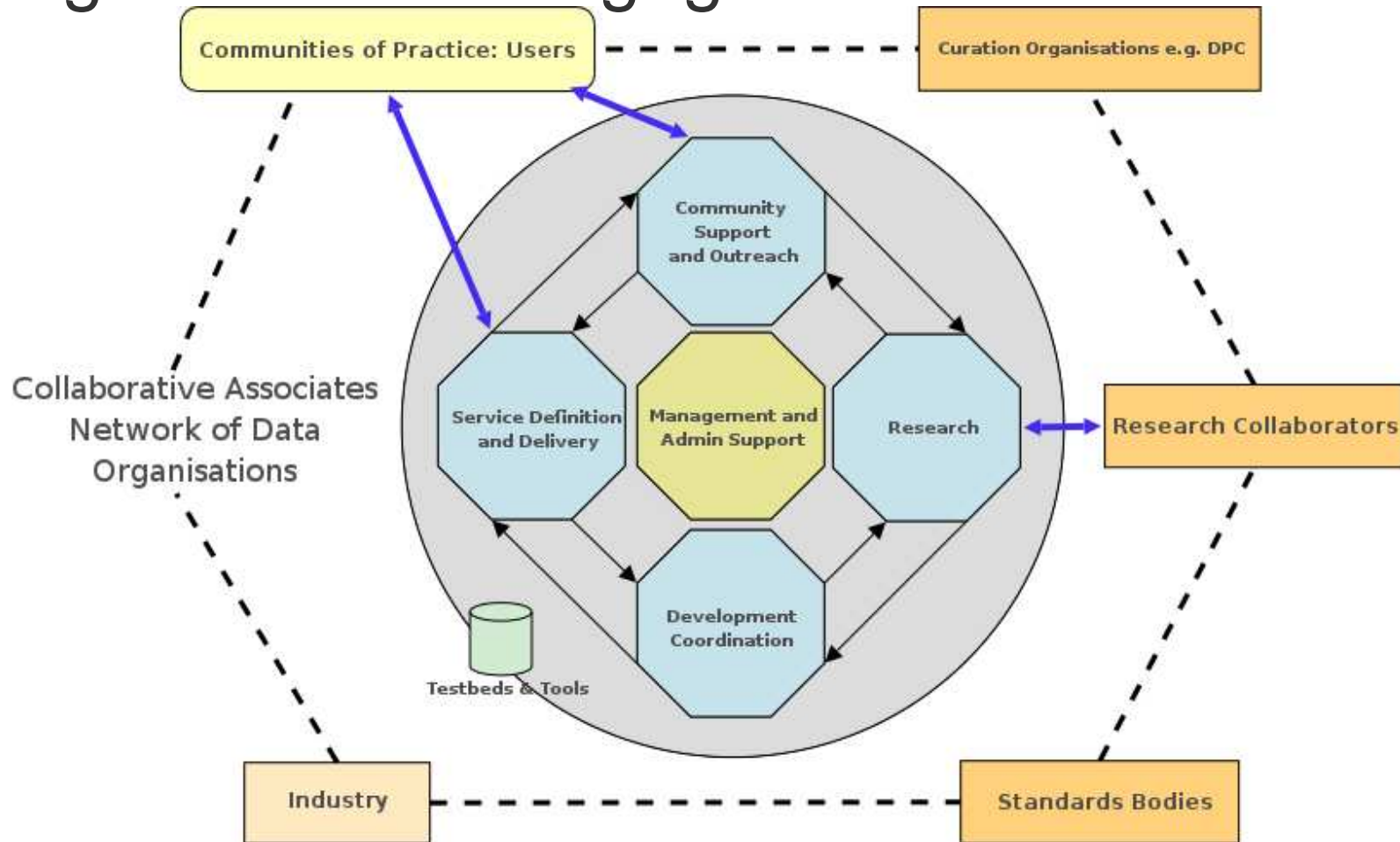
- \* Research Output
- \* Free-Licensed Development Work
- \* Public/Partner-maintained Databases
- \* Existing (Decommissioned) Services

# DCC Pathways





# Organisation to Engage & Collaborate





## Research & Development

- Bringing Strands of Curation together including
  - traditional archiving functions
  - maintenance and publications of evolving knowledge as seen in scientific databases
- Conduct research and development in areas crucial to digital curation
- To institute conduits between research activity and service provision
- Output research and tools that reflect user needs



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## Research

- Data integration and publishing
- Annotation
- Metadata extraction
- Archiving and Appraisal

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## Research

- Legal issues
- Provenance and data quality
- Networks of trusted repositories
- Economic cost-benefit analysis of curation

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## Development

- Representation Information Registry and Repository Architecture
- Project Integration and Community Involvement
- Tool Development
- Community Development and Population
- Standards
- Testbeds



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## Services

- Help desk system
- Publications
- Information Days
- Database of FAQs
- Tools Repository
- Audit and Certification
- DIFFUSE: Standards Database
- LOCKSS

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# Training Services

- On-line learning resources
- Training events to bring together practitioners and researchers
- Integrated educational resources
- Forthcoming Workshops/Training Events:
  - Long-term Curation and Preservation of Journals
  - Curation and Preservation Training Forum
  - Preparing for an Audit Tutorial



## Outreach Activities

- Raising Awareness and Dissemination
  - Web portal (<http://www.dcc.ac.uk>)
  - Annual International Conference
  - International Journal of Digital Curation
- Understanding Users and their Needs
  - Events like today
  - Requirement Gathering
- Associates Network



## 2<sup>nd</sup> International Digital Curation Conference

- Hilton City Centre Glasgow
- 21 - 22 November 2006
- Full Programme Included
  - a symposium to discuss the concepts and principles of digital curation
  - global curation policies
  - parallel sessions looking at preservation repositories, policies and life cycles



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# International Journal of Digital Curation

## International Journal of Digital Curation

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## International Journal of Digital Curation

The IJDC is a new peer-reviewed journal entirely devoted to papers, articles and news items on curation of digital objects and related issues. The journal is published in electronic form, twice a year.

### Background

The journal publishes leading-edge articles by key figures in the field, and will also reflect current discussion within the digital curation community. The journal is a DCC publication, however the intention is to provide an international and non-partisan vehicle for the discussion of preservation and curation issues. We hope that the journal will become obligatory reading for everyone working in the field of digital curation.

The journal is supported by an editorial board, which will have among its responsibilities the

<http://www.ijdc.net/>

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## DCC Associates Network

- The DCC has identified the importance of engaging with
  - Institutions
  - Organisations
  - Individuals
- across **all** disciplines and domains.
- <http://www.dcc.ac.uk/associates/>