



Project Document Cover Sheet

Project Information			
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Lead Institution	EDINA and Data Library, University of Edinburgh		
Project Director	Peter Burnhill, Mark Brown		
Project Manager & contact details	Robin Rice, R.Rice@ed.ac.uk		
Partner Institutions	Universities of Oxford and Southampton		
Project Web URL	http://www.disc-uk.org/datashare.html		
Programme Name (and number)	Repositories and Preservation programme (Startup and Enhancement strand)		
Programme Manager	Andrew McGregor		

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1	1 Dec. 2009	

Background

Although a proposal for an external evaluation of the DISC-UK DataShare project by Sheila Anderson at the Centre for e-Research at King's College London, had been accepted by the project directors and agreed by the JISC programme manager, the deliverable was never completed by the external contractor, and the project manager was unable to make contact with the contractor during the month of May 2009, when the evaluation was due. Therefore, in consultation with the JISC programme manager, the following internal evaluation has been conducted by the project team.

Method

The methodology for the internal evaluation consists of two separate parts:

1. a self-evaluation meeting was held in Edinburgh on 31 July 2009 by members of DISC-UK while they were in Edinburgh to conduct a training workshop on repository policy for research data at the two-day Beyond the Repository Fringe event;
2. an online search was conducted for references to specific project outputs by the broader community around the same time.

The following section reports on part one of the self-evaluation. The report from part two is appended.

As preparation for the evaluation meeting, the JISC guidelines on project evaluation were reviewed, and the 'radio exercise' was distributed to members of the project team for completion for the project meeting on the 31 July. Southampton and Oxford additionally completed the "Logic Model Table", appended to this report.

During the self-evaluation meeting, a whiteboard was used to focus our discussion on four main areas reflecting the major workpackages of the project:

- our use of technology
- impact on our institutions
- impact on the broader community
- impact on DISC-UK itself.

Technological Impact

To some extent it was felt that the technological goals of the project were a 'moving target'. The partners were clear from the outset that we did not wish to 'reinvent the wheel' by devising new ways of sharing data online rather than adapting existing solutions. By exploring the use of three key open source repository platforms commonly used for sharing open access publications, we aimed for relevance to the institutional repository manager community. We therefore developed three 'exemplars' for deposit and download of smaller datasets, e.g. those not catered for in existing online distributed systems such as the Grid or specialised bioscientific databases, and searched for ways of linking to deposited papers in the same or parallel digital repositories. Whether the term 'orphaned datasets' was effective in promoting

the repositories to academics is debatable; which is probably the reason this term dropped off early in the project. Yet, we feel that what was created was a suitable 'download model' for smaller datasets.

The team learned about alternative models for data sharing as well as about the technical and practical aspects of building open source repositories using particular software platforms. These included data delivery mechanisms and visualisation tools for spatial data which were highly developed, and new forms of numeric data web services which appeared to be under-utilised and suffered from a lack of trust by academic users. OAI-ORE showed much promise for linking and exchanging items across and between discrete repository instances during the life of the project, but the team observed that this technology has not reached a critical mass except in finite, uniform collections (such as within one repository, or several repositories hosted by one institution), and that perhaps Linked Data / the semantic web shows more potential at this point in time. The RDF statements and use of URIs in the metadata schemas developed for Edinburgh and Southampton datasets are a good base for building on this potential in the future.

Oxford offered a different technical approach, by developing new content models for research data types ingested into Fedora, and by creating a separation within one repository platform between published items and data items with a one-way linkage.

Impact on our institutions

Institutional communication and collaboration was certainly enhanced from the viewpoint of the project partners. The project was able to gain leverage from other contemporaneous projects at our institutions, including the *Bridging the Interoperability Divide* and *Scoping Digital Repository Services for Research Data Management* projects at Oxford, the *Data Audit Framework Implementation* project at Edinburgh, and the *Kultur* project at Southampton. This brought additional expertise to our activities in implementing the repositories in the areas of metadata and preservation, research data management, and describing complex objects. In each case, project partners were able to form new alliances within the university to further their aims, which is an ongoing benefit for the repository services. In addition to making alliances with other academic-related staff in our institutions, valuable contacts were made with academic staff, often in departments previously not served by our data libraries, looking for state of the art services for managing and sometimes sharing their research data. For at least one research project in one of our institutions, the data repository became a sustainability solution for research data created in the course of an AHRC grant, with the academics and the repository staff becoming partners in a new research grant proposal.

The shift of attention to research data management was significant for all the partners. The State-of-the-Art Review conducted at the beginning of the project emphasised that sharing data openly was something that many researchers were simply not interested in, for a wide variety of reasons. Some of these we had negligible control over, such as concerns about being 'scooped' or lack of academic rewards for sharing data. But upon analysis, several reasons were associated with concerns about data quality, lack of understanding about proper data documentation, or lack of planning and resources for data management. These reasons might be addressed by tackling

research data management as an institutional issue; resources could be made available to support and engage researchers early in their projects or even at the proposal stage to support higher quality data management practices. This, in turn, could lead to more willingness on the part of the data creators to openly share their data after the completion of their research project, especially if that outcome was planned at the outset. This is a longer term outcome, and perhaps a gamble, but we are now acting within our institutional contexts to sow these seeds.

We also seek policy change from funders but especially our own institutions in order to provide more incentives for good research data management practice and a sharing culture, except in cases where the university stands to profit from commercialisation, of course. In this way, “local building blocks build better national infrastructure” to quote from our whiteboard.

Impact on the broader community

When the project began, there were very few others in the UK who were interested in institutional data repositories. In fact, there were regular criticisms made of even attempting to provide such services at an institutional rather than a disciplinary level.

We feel that the project was a catalyst – certainly not the only one – for a growing dialogue about institutional support for data creators, and for the role of academic libraries in providing data curation services. With the help of the Swan and Brown report commissioned by JISC (July 2008) *The Skills, Role and Career Structure of Data Scientists: An Assessment of Current Practice and Future Needs*,¹ the potential role of data librarians in providing institutional curation services was highlighted. Our own outputs also explored the role of data librarians, including an article in *Online* by Macdonald and Martinez Uribe, and an interview with them for *CILIP's Update*, both in 2008 (see DISC-UK publications page²), three talks given at Australian universities by the project manager (see Data Walkabout blog reports³), and an invited talk to the DCC/RIN sponsored Research Data Management Forum⁴.

A citation analysis was performed on project outputs at the start of August 2009, and is appended to this report.

Our aim throughout the project was to work as openly and transparently as we could and communicate lessons learned for the repository community. This we did by attending and giving talks and poster presentations at international conferences, writing articles and briefing papers, keeping a blog and a set of social bookmarks (see the live tag cloud for these on our Collective Intelligence web page⁵), and benchmarking what was happening in the UK with international developments through reading and networking. In addition, the project team organised several events: a number of topic-focused workshops for researchers at Oxford; the Edinburgh University Data Library 25th Anniversary Symposium on Institutional Data Services; and two years of the Repository Fringe at Edinburgh.

¹ <http://www.jisc.ac.uk/publications/publications/dataskillscareersfinalreport.aspx>

² <http://www.disc-uk.org/publications.html>

³ <http://jisc-datashare.blogspot.com/2009/01/data-walkabout.html>

⁴ <http://www.dcc.ac.uk/events/data-forum-2008-november/>

⁵ <http://www.disc-uk.org/collective.html>

Since the end of the project, the project manager has received two additional invitations to give talks, at the DSpace User Group meeting in Gothenburg, Sweden in October 2009, and at the Conferência Sobre O Acesso Livre Ao Conhecimento, in Braga, Portugal, in November 2009.

We have also been asked for permission by a Library Science professor to use two of our deliverables in a book, *Digital Curation: A How-to-do-it Manual*, to be published by Neal-Schuman Publishers, Inc., in 2010. These are the Data Sharing Continuum⁶ graphic by Rice, and extracts from *Policy-making for Research Data in Repositories - A Guide*⁷, by Green, Macdonald and Rice.

Impact on DISC-UK

The overriding impact on the members of DISC-UK was the opportunity for professional development and collaboration that the project offered. Similarly, the partnership with the repository managers led to new and lasting relationships with colleagues at our institutions.

The topic brought us out of our “comfort zone” of social science quantitative data and allowed some useful forays into common data curation issues across disciplinary fields. One member used this new knowledge to take on a six-month academic secondment with the Institute for the Study of Science, Technology and Innovation, and the Digital Curation Centre at the University of Edinburgh to take part as a social researcher in the RIN-sponsored study, *Patterns of information use and exchange: case studies of researchers in life sciences*.⁸

Membership of the group has remained constant, with the addition of a new data librarian at the London School of Economics filling the vacant post. It was noted recently that a job advertisement from the British Library for the post of Collections Specialist: Datasets, included a main task to “build links with professional/practitioner groups, e.g., Data Information Specialists Committee.” The group has not convened since the evaluation meeting, and therefore has not made future organisational plans. Inevitably, attention was needed to our local services following the project’s close. However, a session is planned for the 2010 IASSIST conference, a large international organisation of social science data professionals, on the topic of providing research data management training in local institutions. DISC-UK will participate with others from the UK and US; our wider network remains strong and vibrant. The session builds on a very successful training workshop on data repository policies delivered by the project team in 2009.

⁶ http://www.disc-uk.org/docs/data_sharing_continuum.pdf

⁷ <http://www.disc-uk.org/docs/guide.pdf>

⁸ <http://www.rin.ac.uk/our-work/using-and-accessing-information-resources/disciplinary-case-studies-life-sciences>

CITATION ANALYSIS

Plan

1. Searching web for references
2. Organizing references by Stakeholder group & type (blog/article/..) plus comment
3. Write up method
4. Summarize stats

2. Organize data by stakeholder

See separate PDF

Method

Google (incl. Google Scholar, Link: <http://....>) was employed as the primary research tool in order to establish the degree to which DISC-UK Datashare deliverables (presentations, publications, reports, guides, papers etc) were consumed, reported and re-published by the community via the web. This exercise was carried out at intervals over a 48 hour period by two members of the project and is by no means exhaustive. Google Analytics was not employed in this exercise. Local sources (e.g. EDINA, Edinburgh BITs, Oxford Dig. Repository Research Co-ordinator blog, Datashare blog, IASSIST Communique) were not included for obvious reasons. Some DCC, JISC blogs and propaganda were included but those included do not represent all of those deliverables referenced.

Summary Statistics

The impact weblinks articulated above has been summarised according to a) stakeholder and b) exposure type (blog, reference/citation, newsletter etc), namely:

<u>Stakeholder</u>	<u>No. of weblinks</u>
Open Access / Open Data Advocates	37
Librarians & Repository Managers	19
JISC Funder	5
Research Councils & Funders	2
Relevant JISC Projects and Services	2
Partner Institutions: library and Info. Services	2
IASSIST and Soc. Sci. Data Community	1
Publishers and Publications	1
Other	8
TOTAL	77

Exposure type	No. of weblinks
Blog	27
Reference / citation	18
News bulletin	14
Web link	8
Web article	2
Bibliography	2
Wiki	2
Tweet	1
Report	1
Google group	1
Presentation	1
TOTAL	77

Citation Analysis		
URL	Type	Comment
JISC Funder		
http://www.jisc.ac.uk/fundingopportunities/funding_calls/2009/05/grant0709.aspx	Reference / citation	JISC includes DataShare in the appendix of this Call as an activity that potential bidders to the JISC Data Management Infrastructure Call should be looking at.
http://www.jisc.ac.uk/news/stories/2008/06/datalibrarian.aspx	Web article	JISC echoes the Data Librarian's article in CILIP
http://infteam.jiscinvolve.org/2008/04/13/research-data-and-the-jisc-ie/	Blog	The JISC infteam describes the data management landscape in the UK and includes a mention to DataShare
http://muse.jhu.edu/login?uri=/journals/library_trends/v057/57.2.jacobs.html	Reference / citation	Article by JISC in Library Trends
http://feeds.feedburner.com/ac/KDtK	Blog	Post re. project via JISC Publications web feed
Open access / open data advocates (worldwide)		
http://www.earlham.edu/~peters/fos/2009/05/guide-to-including-research-data-in.html	blog	Post in Peter Suber's blog
http://tinyurl.com/mfk4jt	Web link	SPARC Europe Website - link to Policy-making for Research Data in Repositories: A Guide
http://tinyurl.com/p2tayd	Blog	Post in Digital Koans Blog re. Policy-making guide
http://www.zotero.org/cavlec/items/4306347	Reference / citation	Policy-making guide referenced in Dorothea Salo's Zotero library
https://www.lib.uwo.ca/blogs/digitalscholarly/2009/05/policy-making-f.html	Blog	Post in Digital & Scholarly - Western library blog (California?) re. policy-making guide
http://sla-divisions.typepad.com/government_information/2009/06/planning-a-data-repository.html	Blog	Post in Special Libraries Association Government Information Division blog - re. Policy-making guide
http://www.dcc.ac.uk/news/?start=1241132400	Blog	Post in DCC blog re. Policy-making guide
http://www.rrplanet.com/reproducible-research-blog/	Blog	Post in Reproducible Research Planet blog re. policy-making guide
http://tinyurl.com/mgxavu	Reference / citation	Article in Serials Review citing both Macdonald & Martinez, and Edinburgh datashare in addition to referenceing a dataset within Edinburgh Datashare
http://blogs.unimelb.edu.au/libraryintelligencer/category/institutional-repositories/page/2/	Blog	Post in Library Intelligencer blog, Univ. Melbourne re. policy-making guide
http://www.slideshare.net/cavlec/digital-preservation-and-institutional-repositories	Presentation	Presentation by Dorothea Salo referencing policy-making guide (slide 50)
http://www.nla.gov.au/padi/topics/373.html	Reference / citation	Preserving Access to Digital Informaiton (PADI) - National Library of Australia - reference to policy-making guide
http://blogs.unimelb.edu.au/libraryintelligencer/category/data-management/	Blog	Post in Library Intelligencer blog, Univ. Melbourne re. Project final report
http://www.opencontentlawyer.com/	Blog	Post in OpenCommonsLawyer Blog (Jordan Hatcher) re. Policy-making Guide and Project Final Report
http://digital-scholarship.org/digitalkoans/category/fedora/	Blog	Post in Digital Koans blog re. Project Final Report
http://www.ijdc.net/index.php/ijdc/article/viewFile/68/47	Reference / citation	Entry re. DataShare and DAF in IJDC report on the DCC / Regional eScience Collaborative Workshop
http://muse.jhu.edu/journals/library_trends/v057/57.2.jacobs.html	Reference / citation	Article in Library Trends referencing DataShare and DAF
http://www.ucm.es/BUUCM/blogs/boletinbibliotecario/116.php	Blog	Post in La biblioteca informa al bibliotecario re. Seminario sobre Datasets
http://www.earlham.edu/~peters/fos/2008/11/notes-on-open-data-seminar.html	Blog	Post in Peter Suber's blog re. Seminario sobre datasets
http://www.earlham.edu/~peters/fos/2008/11/update-on-uk-datashare-project.html	Blog	Post in Peter Suber's blog re. project progress report
http://oad.simmons.edu/oadwiki/Data_repositories	Wiki	Open Access Directory Wiki - details about Edinburgh DataShare
http://www.fedora-commons.org/confluence/display/FCCWG/Preservation+and+Archiving+Sites	Wiki	Details re. Edinburgh Datashare by Ron Jantz on Fedora Commons wiki
http://www.karen.net.nz/uk-datashare/	Blog	Post re. Datashare project
http://en.wordpress.com/tag/using-research-data-internally-and-externally/	Blog	Post in Using Research Data Internally and Externally re. numerous Datashare activities
http://www.casparpreserves.eu/Members/DataShare	Web link	Link to DISC-UK DataShare via CASPER

Citation Analysis		
http://www.nordlib20.org/tag/spatial-data/	Blog	Post re. Spatial data visualisation briefing paper
http://www.digital-scholarship.org/sep/sepw/sepw0208.htm	Blog	Scholarly Electronic Publishing Weblog Archive - Charles Bailey - ref to numeric visualisation briefing paper
http://www.caudit.edu.au/educauseaustralasia09/assets/papers/monday/Wilna-Macmillan-and-Neil-Clarke.pdf	Reference / citation	Data Librarianship 'Gap in the Market' article cited by Monash Univ.
http://argentina.usembassy.gov/alerts-pdfs/aa31.pdf	News bulletin	US Embassy in Argentina - news alert service - referencing Macdonald & Martinez's Online article
http://www.researchdreams.nl/page/213/nl	Blog	Post in Research Dreams (Paul Wouters)
http://www.dpconline.org/graphics/whatsnew/issue18.html	News bulletin	Ref. in DPC newsletter to CILIP article
http://zzzoot.blogspot.com/2008/04/libraries-in-converging-worlds-of-open.html	Blog	Blog post re. Macdonald & Martinez Online article
http://www.digitalpreservationeurope.eu/registries/research/	Web link	Description of the project with other preservation activities
http://digital-scholarship.org/digitalkoans/2009/05/24/disc-uk-datashare-project-final-report/	Blog	Post of the final report
http://www.researchdata.monash.edu.au/news/2009-01-data-management.html	Web link	About Robin's visit to Monash University
http://wiki.eprints.org/w/KeepIt_Digital_Preservation_Bibliography	Bibliography	E-Prints KeepIt Digital Preservation Bibliography - a number of references to datashare deliverables
digitalia.sbn.it/upload/documenti/Digitalia20082_siciliano.pdf	News bulletin	After the DC Conference and referencing the DataShare project
Librarians & repository managers (UK and beyond)		
http://rrtsynthesis.wordpress.com/category/projects-andy-mcgregor/disc-uk-datashare/	Blog	Post from Andy McGregor to document data management projects
http://uollibraryblog.wordpress.com/2009/05/15/policy-making-for-research-data-in-repositories-a-guide/	Blog	Post in University of Leicester's Library Blog
http://www.health.heacademy.ac.uk/rss_manager/2009-07-24.9093711681	Web link	Post re. Project via The Higher Education Academy Health Sciences and Practice
http://www.esds.ac.uk/international/news/madrid.asp	Web link	Post on ESDS events page re. Seminario Sobre Datasets
http://www.hw.ac.uk/libWWW/irn/irn167/irn167.html	Web link	Link to Spatial Visualisation briefing paper in Roddy McLeod's internet resources newsletter
http://www.informaworld.com/smpp/ftinterface~content=a906491685~fulltext=713240930	Reference / citation	Datashare cited in article:IC and eSCI: Postcards from the Egg (Martin Lewis) - unable to access doc
http://www.caul.edu.au/new-info.htm	News bulletin	The Council of Australian University Librarians includes DataShare on their news
http://presentations.ala.org/images/e/e0/2009_CDER_program_annotated_bibliography.pdf	Bibliography	Bibliography was created for the CDER program at the 2009 American Library Association Annual Conference. Refs - policy-making guide
http://www.hw.ac.uk/libwww/irn/irn173/irn173.html	News bulletin	Policy-making guide referenced in Roddy MacLeod's Internet resources newsletter
http://www.utm.utoronto.ca/library/news/winter2009/pdf/eScience.pdf	Reference / citation	Article 'Transforming Libraries: E-Science' citing Macdonald & Martinez online article
http://elprofesionaldelainformacion.metapress.com/link.asp?id=x68335145u756307	Reference / citation	Jornadas "Proyección de los repositorios institucionales", Madrid, 10-12 diciembre 2008 - Reme Melero and Leticia Barrionuevo - citing Martinez & Macdonald El Profesional de la Informacion article
http://widwisawn.cdrlr.strath.ac.uk/issues/vol7/issue7_1_5.html	Reference / citation	Spatial Data Visualisation briefing paper cited in WIDWISAWN by Chris Fleet (NLS)
digitalia.sbn.it/upload/documenti/Digitalia20082_siciliano.pdf	Reference / citation	Numeric spatial Data Visualisation briefing paper cited in paper at International Federation of Library Associations, Social Science Libraries Section, Satellite Conference
http://tags.library.upenn.edu/laallen/data	News bulletin	University of Pennsylvania library news re. datashare and numeric data visualisation briefing paper
	News bulletin	Macdonald & Martinez Online article referenced in Science Tracer Bullets Online (Library of Congress Science Reference Services)
http://www.carl-abrc.ca/publications/elert/2009/elert332-e.html	News bulletin	Canadian Association of Research Libraries referencing policy guide
http://www.malia-malta.org/media/Newsletter_Jul_Aug2008.pdf	News bulletin	Malta Library and Information Association - article about data librarianship (citing CILIP article)

Citation Analysis		
http://www.bnf.fr/pages/catalog/pdf/biblio_soc_num.pdf	News bulletin	Ref. to Online article in Les Bibliothèques dans la Société Numérique (Bibliothèque Nationale de France)
http://alishworldofwork.blogspot.com/2008/06/data-librarians.html	Blog	Post re. CILIP data librarianship article
Research councils and funders		
http://www.rin.ac.uk/files/Share_not_share_BRIEFING_final.pdf	Reference / citation	Reference in RIN briefing paper to DataShare
http://www.rin.ac.uk/files/Data%20publication%20report,%20main%20-%20final.pdf	Reference / citation	Reference to DataShare in RIN Report - to share or not to share
Relevant JISC projects and services		
http://digitalcuration.blogspot.com/search?q=datashare	Blog	Several posts from DCC blog that include mentions to DataShare
http://tiny.cc/PPcLa	News bulletin	DCC newsletter announcing policy-making guide
Open Source Software communities		
IASSIST and soc sci data community (worldwide)		
tools.ddialliance.org/	Web link	DDI report is included in list of DDI publications on the DDI website
Publishers and publications		
http://www.ariadne.ac.uk/issue53/newsline/#news3	Web article	Ariadne Newsline describing DataShare outputs
Partner institutions: library & info service		
www.library.cornell.edu/staffweb/CUL_IR_Taskforce.pdf	Reference / citation	A Library task force set up in Cornell that uses DataShare as exemplar for research data management
http://www.slideshare.net/calsi/open-access-to-science-a-practical-institutional-repository-perspective	reference / citation	Jessie Hey references DataShare in conference presentation
Partner institutions: senior faculty & management		
DISC-UK members		
Other		
http://friendfeed.com/freemoth	Tweet	F. Tim Wright (Yorke Univ.) - friendfeed about policy-making guide
http://groups.google.com/group/digitalscholarship/browse_thread/thread/e5e270b93df55ca	Google group	Post to group members re. policy-making guide
http://frankfurt.usconsulate.gov/root/pdfs/library_info_alert/library_info_alert_may2008.pdf	News bulletin	US Consulate General Library Info Alert - Macdonald & Martinez Online article
http://tinyurl.com/lpmlnt	Reference / citation	Spanish article referenced by Gobierno de Chile - Fundacion para La Innovacion Agraria
http://annotate.texttensor.com/2008/08/annotate-at-the-edinburgh-repository-fringe/	Blog	Post by Fred Howell re. presentation at repository fringe 2008
http://escholarship.usyd.edu.au/dpa/staff_dev_report_uk_visit_2008.pdf	Report	Staff development report by Rowan Brownlee, Digital Project Analyst, University of Sydney Library, - refs to DataShare deliverables
http://versi.edu.au/downloads/VeRSIeNewsletter6.pdf	News bulletin	VeRSI newsletter mentioning Robin Rice's 'Data Walkabout'
http://jakarta.usembassy.gov/irc/alert/pdf%20files/AA-June08.pdf	News bulletin	Ref. to Online article in US Embassy Jakarta newsletter

Logic Model Table: Oxford

Resources	Early Activities	Later Activities	Outputs	Early Outcomes	Later Outcomes
<i>People, funds, equipment, organisational aspects</i>	<i>We need to undertake these activities (surveys, workshops, installations etc) first</i>	<i>Because these activities are dependent on early activities</i>	<i>Direct, measurable results of activities – numbers attending, new service etc</i>	<i>The initial changes resulting from the activities and outputs</i>	<i>Changes that may only occur over the longer term such as after the project has finished</i>
-	<ul style="list-style-type: none"> - Harry's report was very helpful at the beginning in order to understand the concerns from researchers regarding data sharing and the requirements from the funding agencies. - Stuart's work on data visualization tools was excellent to understand the types of data services available and how they were being used. 	<ul style="list-style-type: none"> - The development work to adapt DSpace, Fedora and e-prints to accept datasets. - The DAF exercises looked at particular research groups and their data management needs 	<ul style="list-style-type: none"> - Oxford has a proof of concept data repository which will be developed further. - Oxford has also expertise in conducting data audits using the DAF framework and it is using it in the new data curation project (EIDCSR). 	<ul style="list-style-type: none"> - Although the original idea was to do with repositories for researchers to share their data, the project realised that data sharing occurs at the end of the research lifecycle and that it cannot happen if data have not been managed appropriately from the beginning. 	

Logic Model Table: Southampton

Resources	Early Activities	Later Activities	Outputs	Early Outcomes	Later Outcomes
<i>People, funds, equipment, organisational aspects</i>	<i>We need to undertake these activities (surveys, workshops, installations etc) first</i>	<i>Because these activities are dependent on early activities</i>	<i>Direct, measurable results of activities – numbers attending, new service etc</i>	<i>The initial changes resulting from the activities and outputs</i>	<i>Changes that may only occur over the longer term such as after the project has finished</i>
<p>People Wendy White, Repository Manager. Adam White, e-Prints Soton Developer. Chris Gutteridge, EPrints Developer. Harry Gibbs, Project Officer</p> <p>Organisational Aspects Southampton already has an established ePrints Institutional Repository in place. This currently is not able to accept datasets.</p> <p>DataShare work is fully supported by the e-Prints Development Group chaired by the Librarian, Mark Brown. Attendees include the Head of EPrints development, Les Carr – Senior Lecturer in Electronics and Computer Science.</p>	<p>DataShare began at a time when the IR, ePrints Soton, was scheduled to be upgraded to ePrints 3.1. The plan was always that any development to accept datasets should be in 3.1, rather than the previous version. The upgrade was initially planned for Christmas 2008 but owing to a reorganisation this was revised to September 2009, i.e. after the end of DataShare. Hence the following stages of development took place.</p> <ol style="list-style-type: none"> 1. Develop a metadata schema for datasets that is consistent with ePrints Soton 3.1. 2. Implement the metadata schema in a prototype ePrints 3.1 repository. This includes the development of a Geonames based place/country look-up. 3. User test the prototype with researchers and tweak the metadata schema/repository functionality according to feedback. 	<p>Integrate the prototype ePrints 3.1 repository into ePrints Soton after the upgrade to 3.1.</p> <p>This is expected to take place by September 2009.</p> <p>Amend policy documentation in the light of the expanded remit of the institutional repository</p>	<p>Develop and ‘publish’ a metadata schema that might be re-used or adapted by others.</p> <p>Create a prototype ePrints data repository capable of being integrated into the IR, ePrints Soton.</p> <p>Populate the prototype repository with exemplar datasets.</p>	<p>Feedback from users on the prototype repository to inform ongoing development, including the enhancement of guides for depositors.</p>	<p>The e-Prints Soton Team has already received an enquiry from a research team that is required to make data publicly available and plans to deposit in ePrints Soton. We expect the number of deposits to grow as researchers are increasingly required to ‘publish’ their data.</p> <p>Over the coming years we expect this work to be integrated with other related projects in the University. For example, we envisage a federated search for all UoS repositories, including e-Prints Soton and eCrystals. Similarly, the work of DataShare will be tied in with ongoing developments in preservation strategy and policy across the University, including the Keptl project.</p>