Experiences with Eprints and DSpace

UNIVERSITY
of
GLASGOW

DPC Workshop – 24th June 2003

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DAEDALUS Project, University of Glasgow

DAEDALUS

- Part of the JISC FAIR Programme
- Funded until June 2005
- Building an Institutional model
- Partner with the CURL SHERPA Project
- Core strategic aim for the Library
- Two strands
  - Advocacy
  - Service Development

Issues which we are exploring

- Cultural
  - Encouraging deposit - content
  - Barriers to use and deposit
- Organisational
  - IPR and copyright
- Technical
  - Software
  - Metadata Standards
  - File formats

Range of Repositories

- Published and peer-reviewed papers
- Pre-prints, grey literature, technical reports, working papers
- Theses
- Research Finding Aids
- Administrative Documents
- Other objects: images, sound files, film clips
- Search service

Range of Software

- GNU Eprints (Southampton)
- DSpace (MIT & H-P)
- ETD-db (Virginia Tech)

All are OAI-PMH Compliant

Implementation at Glasgow

- Hardware
- Set-up and Installation
- Configuration
- Administration

Hardware

Both Eprints and DSpace
run on the same server

Sun Fire

- Solaris OS
- 4 Gbytes of Memory
- 12 x 36 GB Disks
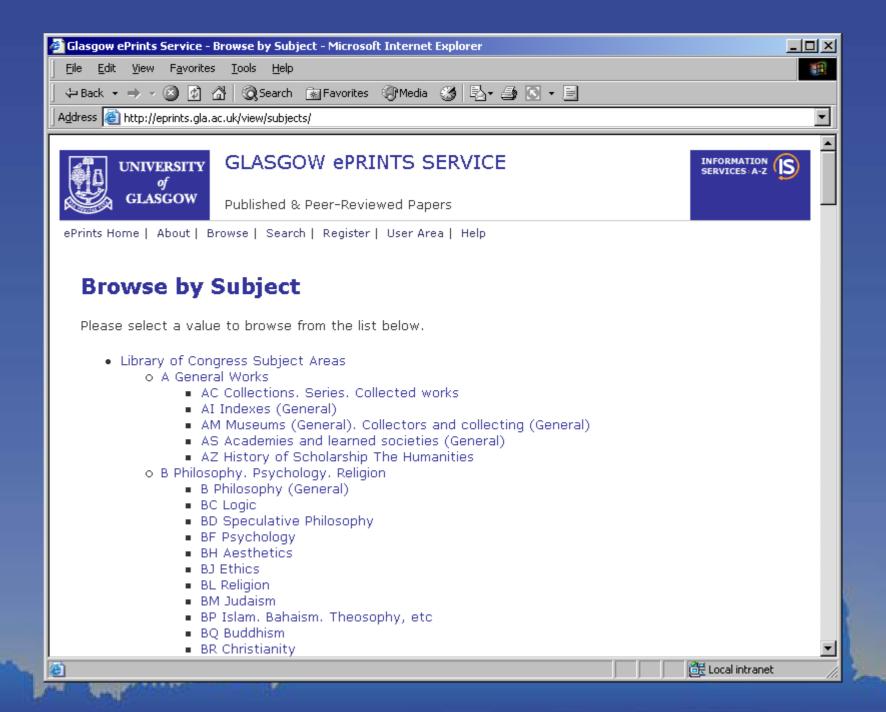
GNU Eprints

- Developed at the Electronics and Computer Science Department of the University of Southampton.

- ePrints version 2.0 launched 14 Feb 02

- We are currently running 2.1.1

- 77+ sites now running ePrints

- http://software.eprints.org

eprints.org was previously supported by **CogPrints**, funded by JISC as part of its Electronic Libraries (eLib) Programme.

May 2001

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Part of DAEDALUS - Freeing Research at the University of Glasgow

Create Change - Challenging the Crisis in Scholarly Communication

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        - AM Museums (General). Collectors and collecting (General)
        - AS Academies and learned societies (General)
        - AZ History of Scholarship The Humanities
    - B Philosophy. Psychology. Religion
        - B Philosophy (General)
        - BC Logic
        - BD Speculative Philosophy
        - BF Psychology
        - BH Aesthetics
        - BJ Ethics
        - BL Religion
        - BM Judaism
        - BP Islam. Bahaism. Theosophy, etc
        - BQ Buddhism
        - BR Christianity

Glasgow ePrints Service - Courseware in academic library user education: a literature review fr - Microsoft Internet Explorer

File   Edit   View   Favorites   Tools   Help

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Address   http://eprints.gla.ac.uk/archive/00000002/

Courseware in academic library user education: a literature review from the GAELS Joint Electronic Library project

Joint, Nicholas and Kemp, Robert and Ashworth, Susan (2001) Courseware in academic library user education: a literature review from the GAELS Joint Electronic Library project. *Association for Learning Technology Journal* 9(3):26-42.

Full text available as:
Rich Text Format – Requires a viewer, such as Microsoft Word
PDF – Requires Adobe Acrobat Reader or other PDF viewer.

Abstract

The use of courseware for information skills teaching in academic libraries has been growing for a number of years. The GAELS project was required to create a set of learning materials to support Joint Electronic Library activity at Glasgow and Strathclyde Universities and conducted a literature review of the subject. This review discovered a range of factors common to successful library courseware implementations, such as the need for practitioners to feel a sense of ownership of the medium, a need for courseware customization to local information environments, and an emphasis on training packages for large bodies of undergraduates. However, we also noted underdeveloped aspects worthy of further attention, such as treatment of pedagogic issues in library CAL implementations and use of hypertextual learning materials for more advanced information skills training. We suggest ways of improving library teaching practice and further areas of research.
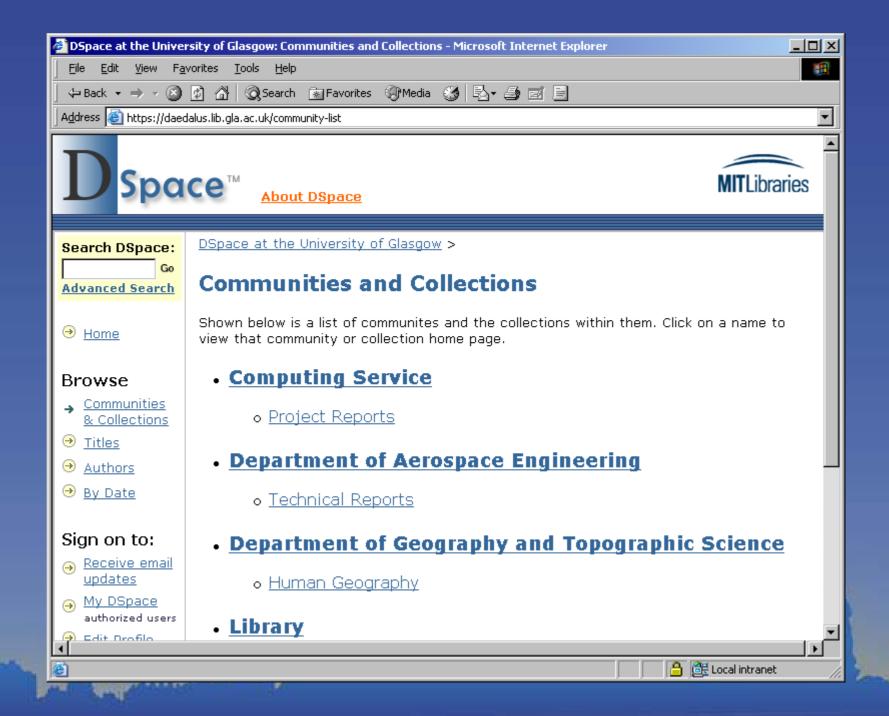
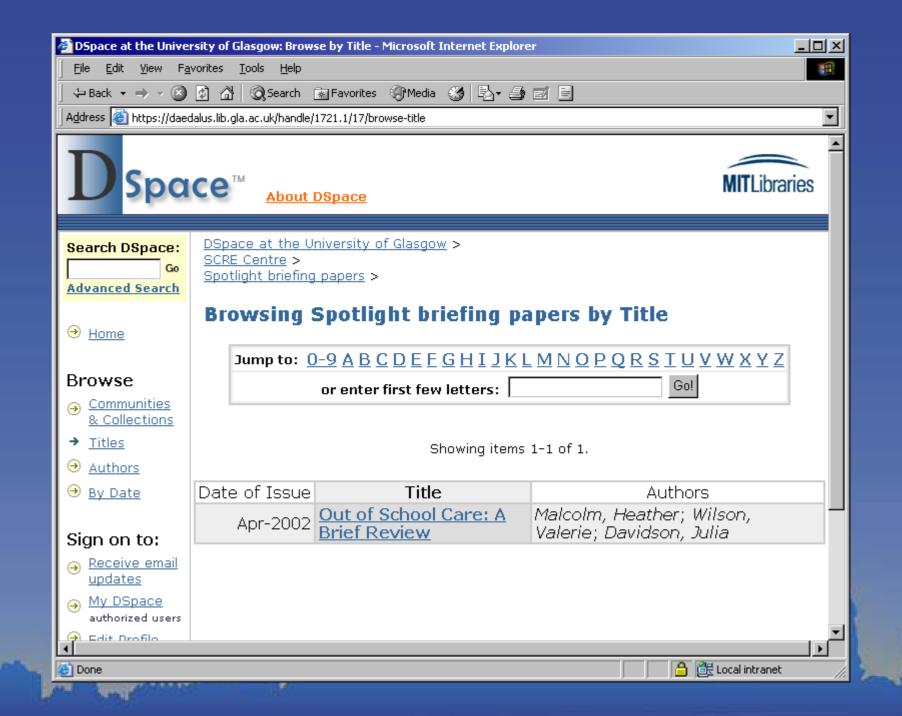| Type:	Journal article (on-line or printed)
Status:	Published
Refereed:	Yes
Keywords:	Computer-Aided Instruction; Computer-Mediated Communication Methods; Engineering; User education

DSpace

- Development driven by Academics at MIT
- Freely available from November 2002
- Digital Preservation promise
- Metadata: Dublin Core "qualified"
- DSpace Federation
- http://www.dspace.org

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Address 🔵 https://daedalus.lib.gla.ac.uk/community-list

D Space™

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MITLibraries

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authorized users

⊙ Edit Profile

DSpace at the University of Glasgow >

Communities and Collections

Shown below is a list of communites and the collections within them. Click on a name to view that community or collection home page.

- ### Computing Service

  o Project Reports

- ### Department of Aerospace Engineering

  o Technical Reports

- ### Department of Geography and Topographic Science

  o Human Geography

- ### Library

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D Space™

About DSpace

MITLibraries

DSpace at the University of Glasgow >
SCRE Centre >
Spotlight briefing papers >

Browsing Spotlight briefing papers by Title

Jump to: 0-9 A B C D E F G H I J K L M N O P Q R S T U V W X Y Z

or enter first few letters: [   ] Go!

Showing items 1-1 of 1.

Date of Issue	Title	Authors
Apr-2002	Out of School Care: A Brief Review	Malcolm, Heather; Wilson, Valerie; Davidson, Julia

DSpace at the University of Glasgow >
SCRE Centre >
Spotlight briefing papers >

Please use this identifier to cite or link to this item:
http://hdl.handle.net/1721.1/18

Full metadata record

DC Field	Value	Language
contributor.author	Malcolm, Heather	-
contributor.author	Wilson, Valerie	-
contributor.author	Davidson, Julia	-
date.accessioned	2003-06-06T09:33:35Z	-
date.available	2003-06-06T09:33:35Z	-
date.issued	2002-04	-
identifier.uri	http://hdl.handle.net/1721.1/18	-
description.abstract	The Scottish Executive Education Department commissioned SCRE to review the literature on out of school care in order to inform them of research already undertaken and help determine whether further	en

Versions

GNU Eprints -

Beta March 2001

1.0 April 2001

1.1.2 Nov 2001

2.1.1 Dec 2002

DSpace -

1.0 Feb - May 2003

1.1 May 2003

Installation

GNU Eprints -

Week and a half to do initial install

Several additional weeks to configure and make changes (Testing and development)

DSpace -

"Not a plug and play adventure"

DSpace for Dummies [U of Tennessee]

3 months off and on to install (fully)

Skill Sets

GNU Eprints -	DSpace	
PERL	JAVA/Tomcat	BPL
MySQL	PostgreSQL	DBMS
Unix / Red Hat Linux	Unix / Red Hat Linux	OS

BPL	Backend Programming Language / Server
DBMS	Database Management System
OS	Operating System

Configuration

GNU Eprints -

"Look and feel"

Added XML document formats

Library of Congress Subject Headings (now default)

DSpace -

Minimal configuration at the moment
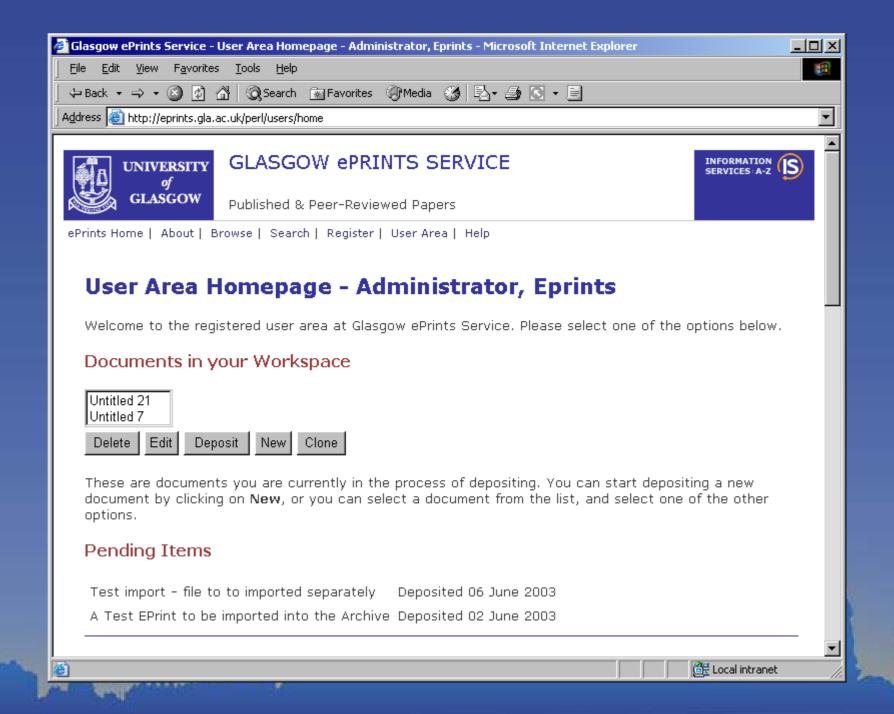
Eprints Default Doc Types

- Preprint
- Conference Paper
- Conference Poster
- Book
- Book Chapter
- Proceedings
- News article

- Journal (Paginated)
- Journal (Online)
- Theses
- Technical Report
- Other

DSpace Default Doc Types

- Animation
- Article
- Book
- Book chapter
- Dataset
- Learning Object
- Image
- Image,3-D
- Map
- Musical Score
- Plan or blueprint

- Preprint
- Presentation
- Recording,acoustical
- Recording,musical
- Recording,oral
- Software
- Technical Report
- Thesis
- Video
- Working Paper
- Other

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Address 🅔 http://eprints.gla.ac.uk/perl/users/home

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ePrints Home | About | Browse | Search | Register | User Area | Help

User Area Homepage - Administrator, Eprints

Welcome to the registered user area at Glasgow ePrints Service. Please select one of the options below.

Documents in your Workspace

Untitled 21
Untitled 7

[Delete] [Edit] [Deposit] [New] [Clone]

These are documents you are currently in the process of depositing. You can start depositing a new document by clicking on **New**, or you can select a document from the list, and select one of the other options.

Pending Items

Test import - file to to imported separately   Deposited 06 June 2003

A Test EPrint to be imported into the Archive Deposited 02 June 2003

🅔   🖳 Local intranet

Edit Subject: (Top Level)

Subject ID: ROOT

Location(s) in Hierarchy

- **(Top Level)**
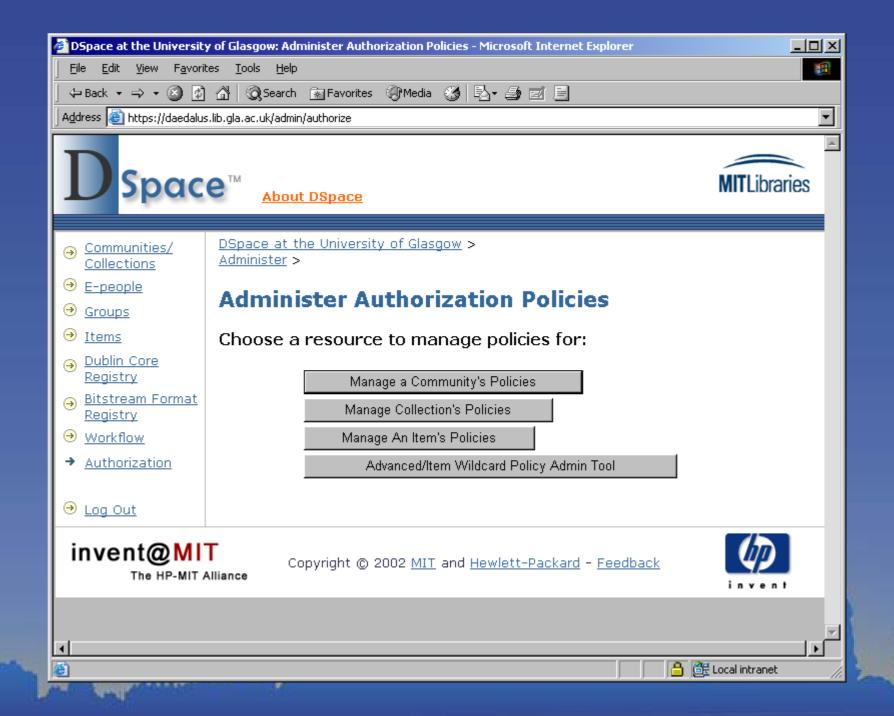 - Library of Congress Subject Areas
  - University of Glasgow

Children

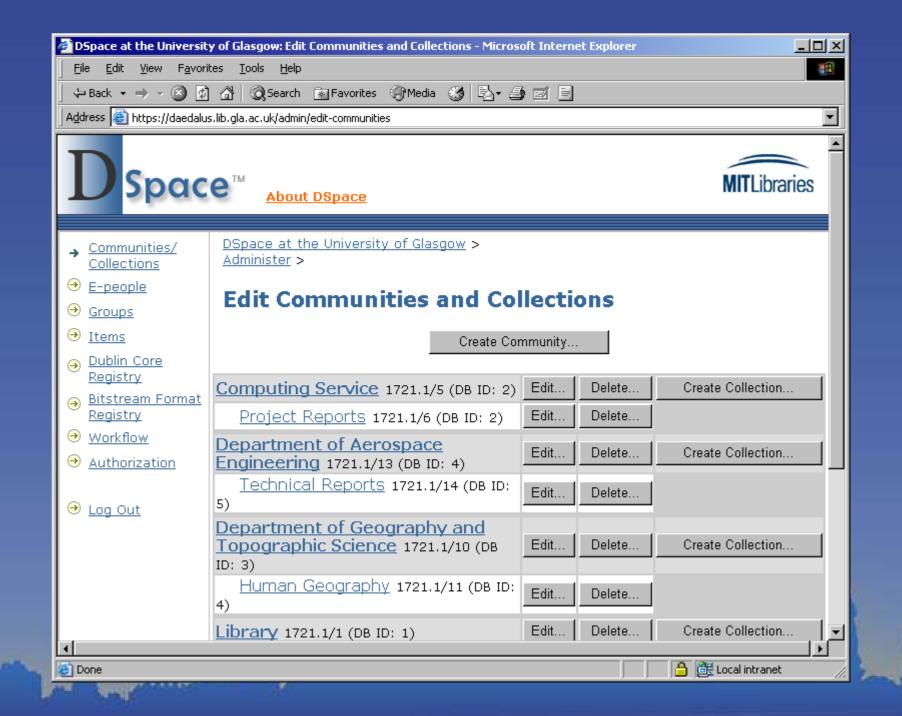| Subject	EPrints in Archive	Number of Parents	Number of Children
Library of Congress Subject Areas	11	1	21
University of Glasgow	11	1	11

Add Child

Enter the ID of an existing child which is NOT an ancestor of the subject, or enter an used subject id to create a new subject.

D Space™

About DSpace

MITLibraries

- Communities/ Collections
- E-people
- Groups
- Items
- Dublin Core Registry
- Bitstream Format Registry
- Workflow
- → Authorization

- Log Out

DSpace at the University of Glasgow >
Administer >

Administer Authorization Policies

Choose a resource to manage policies for:

> Manage a Community's Policies

> Manage Collection's Policies

> Manage An Item's Policies

> Advanced/Item Wildcard Policy Admin Tool

D Space™

About DSpace

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→ Communities/ Collections

⊙ E-people

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⊙ Log Out

DSpace at the University of Glasgow > Administer >

Edit Communities and Collections

Create Community...

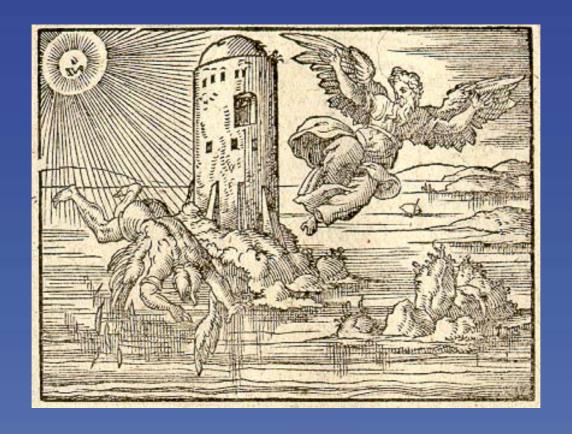| Computing Service 1721.1/5 (DB ID: 2) | Edit... | Delete... | Create Collection... |
Project Reports 1721.1/6 (DB ID: 2)	Edit...	Delete...	
Department of Aerospace Engineering 1721.1/13 (DB ID: 4)	Edit...	Delete...	Create Collection...
Technical Reports 1721.1/14 (DB ID: 5)	Edit...	Delete...	
Department of Geography and Topographic Science 1721.1/10 (DB ID: 3)	Edit...	Delete...	Create Collection...
Human Geography 1721.1/11 (DB ID: 4)	Edit...	Delete...	
Library 1721.1/1 (DB ID: 1)	Edit...	Delete...	Create Collection...

Further Evaluation

- Customisation
- Workflow and deposit
- Metadata
- Scalability
- OAI-PMH implementation
- Further development

Eprints and DSpace

- GNU Eprints and DSpace are complementary products
- Both are highly effective tools for building institutional repositories
- Both require cultural change and advocacy to ensure that they have content and are used

DAEDALUS –
Freeing Research and building e-Libraries
at the University of Glasgow

http://www.gla.ac.uk/daedalus