Supporting the ‘Sharing Institution’ – Practical Steps towards a more open Teaching and Learning Culture

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edshare.soton.ac.uk
First impressions of Atlanta and OR2009
A nostalgic reminder....

Scarlett had always liked Atlanta... Like herself, the town was a mixture of the old and new in Georgia, in which the old often came off second best in its conflicts with the self-willed and vigorous new.

— Margaret Mitchell's Gone with the Wind
University of Southampton

South coast port city
Multidisciplinary university
research led teaching
20,000 students
5000 staff
‘Supporting a culture that engages and challenges students and staff in their pursuit of learning’ – how to maximise this??
Overview

• Some history with a UK emphasis
  – University of Southampton Institutional Research Repository
  – Virtual Learning Environments

• EdShare – an Institutional Exemplar of a Teaching and Learning Repository
  – What we did and learned
  – Next steps

• Looking ahead to a more Open world of research and teaching
Creating an Institutional Research Repository exemplar

- Institutional Repository for Research set up (e-Prints Soton) [http://eprints.soton.ac.uk](http://eprints.soton.ac.uk) with TARDis project to investigate issues for the then new concept (within JISC funded FAIR programme)

- TARDis project: Feeding back into EPrints software good citation and information management practice experimenting with best balance of assisted and self deposit

- TARDis: Targeting Academic Research for Deposit and Disclosure
- FAIR: Focus on Access to Institutional Resources
Institutional repositories and academic practices

• What was special about institutional repositories:

• For all institutional research not just peer-reviewed journal articles – the main focus of Open Access campaigning


• Southampton University Research e-Prints - working closely with individual ‘schools’ – found that depends so much on publication culture and working practices


• Not starting from scratch!
'We see our Institutional Repository as a key tool for the stewardship of the University's digital research assets,' said Professor Paul Curran, Deputy Vice Chancellor of the University. 'It will provide greater access to our research, as well as offering a valuable mechanism for reporting and recording it.'

Successfully used for Research Assessment Exercise 2008
Institutional Repositories today – 1260 with 12.7 m items
What about supporting teaching?

• Previously you went to the Library Reserve Collection to find a lecturer’s teaching resources in paper form: eg lecture notes and reading lists – I did this when I first taught a course in Human Computer Interaction at Southampton
Virtual Learning Environments

• Then Virtual Learning Environments gave a new opportunity for managing courses

• Lots of other names: Learning Management System (LMS), Content Management System (CMS), Learning Content Management System (LCMS)

• Virtual Environment for Learning perhaps clearer!
Managing courses and resources

- We use Blackboard software
- Focus is on lecturer – student not on sharing
- Hidden from others unless special access eg for librarians
- Not designed for more permanent resources – be careful at the end of the academic year!
A golden institutional exemplar opportunity based on observed need

- to create the teaching and learning repository to sit with the research repository to solve the identified problem

- **JISC funded bid**: Institutional Exemplars Programme
- **EdSpace** Project building **EdShare**
- 1 October 2007-31 March 2009
- **Project Director**: Hugh Davis, University Director of eLearning
- **Led by**:
  - Learning Societies Laboratory, School of Electronics &
  - Computer Science with EPrints software team
  - University Library
  - Information Systems Services (ISS) and Learning & Teaching
  - Enhancement Unit (LATEU)
Creating the facilitating infrastructure

- £300K of JISC funding until March 2009
- EdShare is the product – EdSpace is the JISC funded project
- The objective is to provide an infrastructure that allows academics to share resources concerned with teaching with whatever audience is appropriate
- built on Web 2.0 principles like YouTube etc.
EdShare – what is it about?

- managing, gathering educational resources
- collaborating to develop or extend learning and teaching resources
- working with all the parties involved to discover how they will best benefit
- But the institutional practice is often for small scale re-use of resources (micro-sharing)

What our academics particularly wanted:

- presenting resources for service teaching
- showcasing interesting resources for teaching and learning
An institutional repository with author deposit, like the research repository but even simpler and more flexible

- EdShare supports access within the whole institution, across Schools and disciplines
- Academics provide simple tags which will make searching easier
- Is supported by automatic generation of some metadata
- With a clear structure for adding more detail:
  eg advice for re-use, courses if useful
EdShare http://edshare.soton.ac.uk
EdShare today – we call an eprint a share
EdShare look and feel

EdShare moves from the formality of the research repository to the look and feel of Web 2.0
Adding content

• Add document(s)/resource(s) or web links (you may also want to recommend external resources)
• Items get a URL
• Owner gets the option to add descriptions and tags
• Owner can decide “visibility” of document
• Users can also bookmark/annotate for others/make a private note
The local context – still not starting from scratch

• Blackboard (VLE)
• School intranet
• Student portal
• EdShare must fit with these
Previewing, downloading, linking....
One of our Advocacy tools: we help staff think about what they want to share

Collaboration for teaching and learning

EdShare is a University of Southampton resource to keep and organise teaching and learning materials.

EdShare provides a way to collect and share these materials with colleagues outside of the University as well as those within it.

EdShare is designed to support people working together, and to develop new ideas and resources for mutual benefit.
Some EdShare experiences

• There was a big advantage this time of high level support within the university at the start

• Creating deposits was much simpler than the research repository but sometimes depositors had to think harder about ‘what is the title? Who is the creator?’

• Good to be able to add external resources which may be useful to others even within a faculty

• A whole mixture of file formats to learn about and manage (research was easy!)
  – Mathematicians use LaTeX not Word
Working with schools

• Much was micro-sharing but the new Web Science course is being developed jointly using EdShare

• Oceanographers and Geographers want to see each others’ courses (exacerbated by a split site)

• Students wanted to see resources on previous courses – remember the booklet in the library?

• Geographers had created resources which need a more visible home

• Historians needed to share with individuals at other universities for the present

• It took time to work through actions with each school – Mathematicians busy inputting
Organising teaching resources

- Creating your own collections
  - eg: resources for a lecture
- working with colleagues on a new course
- Bulk upload
- Drag and drop organiser
Gentle persuasion to share

Choose

- Just me
- Selected users
- My school
- The university
- The World

Creators often feel more comfortable if they are asked eg yesterday another university asked for our new video on the international student experience to use in their staff training.
What stage is EdShare at now?

• EPrints software platform
• .soton.ac.uk – institutional commitment
• New lightweight interface
• Intuitive and minimal description of material required
• Will continue to work with a range of practitioners to use and develop EdShare
• Debra Morris is the library lead on teaching and learning
A variety of content with a variety of access!

• We are joining the project KeepIt ......

• to enable a diverse range of digital content presented by institutional repositories - research papers, science data, arts, teaching materials and theses - to be managed effectively today, tomorrow and beyond.

• Snapshots at project end March 2009
2 parallel developing repositories within Southampton’s Learning Societies Lab

- EdShare
- Institution
- EdSpace Project
- The Language Box
- Community – language teachers
- Project

- Sharing experience and will feed best functionality into future EPrints for teaching resources
Looking beyond the EdSpace project

• You may have met one of our team
• - Patrick McSweeney – here
• OneShare 1st April 2009 to 1st April 2011
• Community attitudes to copyright and ownership
• Institutional Policy – supporting sharing
• Enabling technology Integration between Virtual Learning Environments (VLEs), Institutional and Community Repositories
Towards a richer sharing environment

- **allAboutMePrints** 1st April 2009 to 1st October 2009
- more sophisticated profile pages
- give users a home within the repository, act as a focus for their work, and help them feel more ownership of the work that they deposit. This increases the visibility of the repository and encourages more deposits.
- Feeding into EPrints software
Benefits realisation

• Following on from being an Institutional Exemplar project 1st April 2009 to 31st March 2010

• Increasing take up in the broader community of institutional teaching and learning repositories

• Including working with University of Worcester

• Language faculty of Open University
The broader landscape includes a national repository

- We plan to work with our national repository Jorum – who are developing JorumOpen –
- anyone will be able to search, browse and download the materials deposited under JorumOpen. Authenticated access will be required only where materials have been deposited with additional licensing restrictions
Supporting the long term vision of research led teaching

- For both research and teaching - we are supporting a gradual culture change at the grass roots complementing the global advocacy
- As we said for open access to research - it is helpful to be part of the workflow of the academic – give them something they really want
- As we said for research repositories:
  'All rising to great place is by a winding stair' - Francis Bacon
- The quote is still apt: encouraging sharing within the institution and beyond is a great start for teaching resources.

- As Wendy White endorsed yesterday its about building trust.
EdShare: the core

EdShare the service: edshare.soton.ac.uk

Communication and feedback: edshare@soton.ac.uk

The Project is EdSpace: www.edspace.ecs.soton.ac.uk

Thank you to:

The rest of the EdSpace team:
Debra Morris project manager, technical support:
Sebastien Francois, technical advisor: Tim Miles-Board (EPrints Services), Leslie Carr (EPrints software director), Su White (Institutional Culture Advisor), Hugh Davis (Project Director)

The academic enthusiasts in pilot schools
The fun part of the project and the conference........