



hydra
in Hull

Richard Green

OR11 Conference, Austin TX, June 2011

Status quo ante

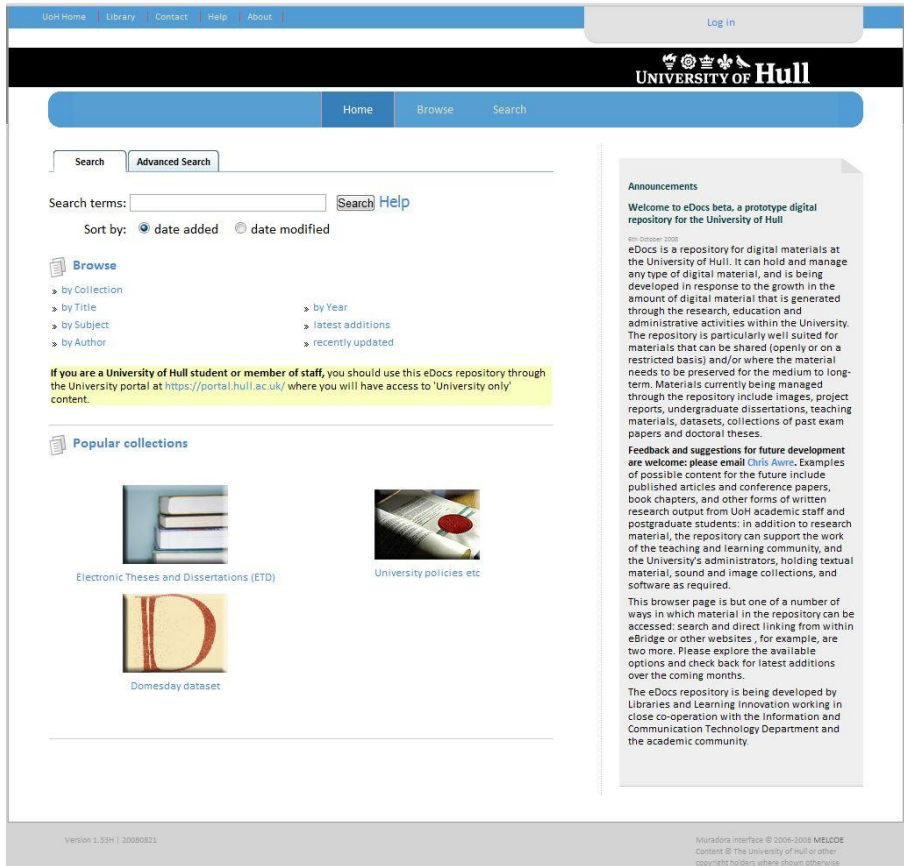
Before entering into the Hydra in Hull project the University had a functioning, Fedora-based, institutional repository: eDocs

- Test instance late 2007; live (though unadvertised) 9/2008
- Grown to a core service by 9/2010

Wide range of content to deal with

- Exam papers
- e Theses & dissertations (ETDs)
- Journal articles
- Meeting papers or minutes
- Policies or procedures
- Dissertation (undergraduate)
- Photographs
- Presentations
- Books
- Book chapters
- Regulation
- Reports
- Conference papers or abstracts
- Learning materials
- Handbooks
- Internet publications
- Newsletter articles
- Datasets
- Sound
- Moving image
- Guidance documents
- Licences
- Posters
- Events
- Letters
- Artwork
- Diagrams
- Maps
- Software
- etc (!!!)

eDocs home page



The screenshot shows the eDocs home page with a navigation bar at the top containing 'UoH Home', 'Library', 'Contact', 'Help', 'About', and 'Log in'. Below this is the University of Hull logo and a secondary navigation bar with 'Home', 'Browse', and 'Search'. The main content area includes a search box with 'Search' and 'Advanced Search' buttons, a search terms input field, and a 'Sort by' section with radio buttons for 'date added' (selected) and 'date modified'. A 'Browse' section lists various search criteria: 'by Collection', 'by Title', 'by Subject', 'by Author', 'by Year', 'latest additions', and 'recently updated'. A yellow box contains a note for University of Hull students and staff. A 'Popular collections' section features three icons: 'Electronic Theses and Dissertations (ETD)', 'University policies etc', and 'Domesday dataset'. On the right, an 'Announcements' section contains a welcome message and a 'Feedback and suggestions for future development' section. The footer includes version information and copyright notices.

- Search (including full-text) and advanced search options
- Browse by collection (anecdotally, heavily used)...
- ...or title/subject/author (rarely used)
- Icons are quick links to popular searches

A dilemma and a solution

- Muradora became a *cul de sac* for development when funding was withdrawn before a community could build up around it
- Fortuitously we were put in contact with the University of Virginia and Stanford University by Thornton Staples, of the Fedora team

A meeting of minds

- The US universities were both seeking a long-term, open source, repository solution integrated with their wider information architecture – which sounded familiar to us!

- From this grew the Hydra Project...

New and better integrated

- Hull is using its collaboration in the Hydra partnership to build a successor to eDocs – a new Hydra-compliant repository.
- It will launch in late September 2011. This time using software with community backing (community source).

A new Hydra IR head

The new institutional repository ‘Hydra head’ is capable of full ‘CRUD’ (create, read, update delete) but is not alone in the world...

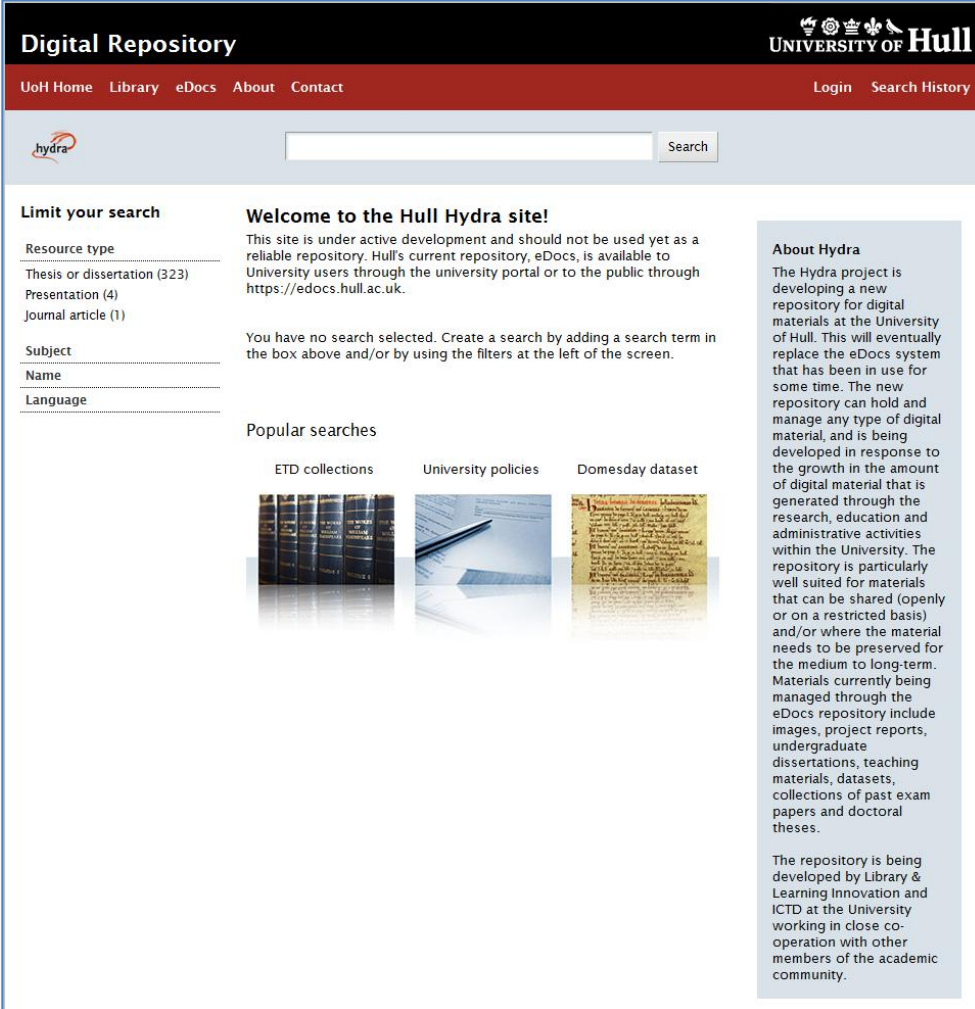
Other sources of content

The repository also receives content from other sources which the IR head can subsequently edit and display:

- content created in our Research Information System
- content from Sakai (our learning management system)
- SharePoint

(Note: we have code that allows two-way interaction between the repository and each of Sakai and SharePoint)

Hydra in Hull home page



The screenshot shows the Hydra Digital Repository home page for the University of Hull. The page features a dark red header with the University of Hull logo and navigation links (UoH Home, Library, eDocs, About, Contact, Login, Search History). Below the header is a search bar with a 'Search' button. The main content area is divided into several sections:

- Limit your search:** A sidebar with filters for Resource type (Thesis or dissertation (323), Presentation (4), Journal article (1)), Subject, Name, and Language.
- Welcome to the Hull Hydra site!** A central message stating the site is under active development and should not be used as a reliable repository. It mentions the current repository, eDocs, and provides the URL <https://edocs.hull.ac.uk>.
- Popular searches:** Three featured search results: 'ETD collections' (with an image of books), 'University policies' (with an image of a document and pen), and 'Domesday dataset' (with an image of a manuscript page).
- About Hydra:** A text box explaining the project's goal to develop a new repository for digital materials, which will eventually replace the eDocs system. It details the types of materials managed (images, project reports, dissertations, etc.) and notes that the repository is developed by Library & Learning Innovation and ICTD.

- The home page is a fusion of the existing repository home page and a fairly standard Blacklight layout
- The repository security is multi-level and you only see what you are allowed to see. This is the 'public' view (note the resource types and 'canned' searches).
- *NB: all the screenshots are from our development server with only limited content for testing and currently missing the 'advanced search' option*

Hydra in Hull home page (student)



Digital Repository UNIVERSITY OF Hull

UoH Home Library eDocs About Contact Log Out student1 Search History

hydra Search

Limit your search

Resource type

- Thesis or dissertation (323)
- Examination paper (288)
- Presentation (4)
- Journal article (2)

Subject

Name

Language

Welcome to the Hull Hydra site!

This site is under active development and should not be used yet as a reliable repository. Hull's current repository, eDocs, is available to University users through the university portal or to the public through <https://edocs.hull.ac.uk>.

You have no search selected. Create a search by adding a search term in the box above and/or by using the filters at the left of the screen.

Popular student searches

- Examination papers
- ETD collections
- Student handbook

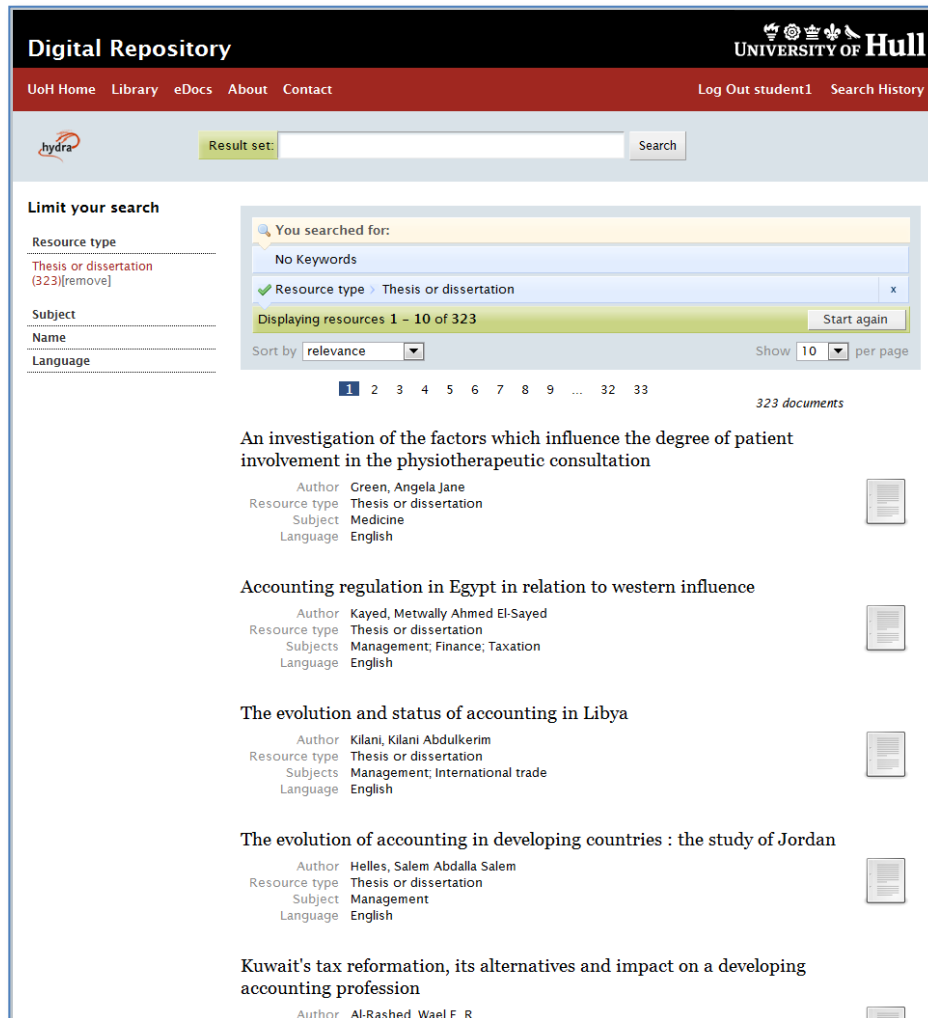
About Hydra

The Hydra project is developing a new repository for digital materials at the University of Hull. This will eventually replace the eDocs system that has been in use for some time. The new repository can hold and manage any type of digital material, and is being developed in response to the growth in the amount of digital material that is generated through the research, education and administrative activities within the University. The repository is particularly well suited for materials that can be shared (openly or on a restricted basis) and/or where the material needs to be preserved for the medium to long-term. Materials currently being managed through the eDocs repository include images, project reports, undergraduate dissertations, teaching materials, datasets, collections of past exam papers and doctoral theses.

The repository is being developed by Library & Learning Innovation and ICTD at the University working in close co-operation with other members of the academic community.

- Logged in (here as a student) I see more.
- Examination papers have appeared in the resources facet and I have more journal articles listed
- The 'canned' searches are different – chosen to match students' needs

Hydra in Hull search return



Digital Repository UNIVERSITY OF Hull

UoH Home Library eDocs About Contact Log Out student1 Search History

Result set: Search

Limit your search

Resource type
Thesis or dissertation (323)[remove]

Subject
Name
Language

You searched for:
No Keywords
✓ Resource type > Thesis or dissertation
Displaying resources 1 - 10 of 323 Start again

Sort by relevance Show 10 per page

1 2 3 4 5 6 7 8 9 ... 32 33 323 documents

An investigation of the factors which influence the degree of patient involvement in the physiotherapeutic consultation
Author Green, Angela Jane
Resource type Thesis or dissertation
Subject Medicine
Language English

Accounting regulation in Egypt in relation to western influence
Author Kayed, Metwally Ahmed El-Sayed
Resource type Thesis or dissertation
Subjects Management; Finance; Taxation
Language English

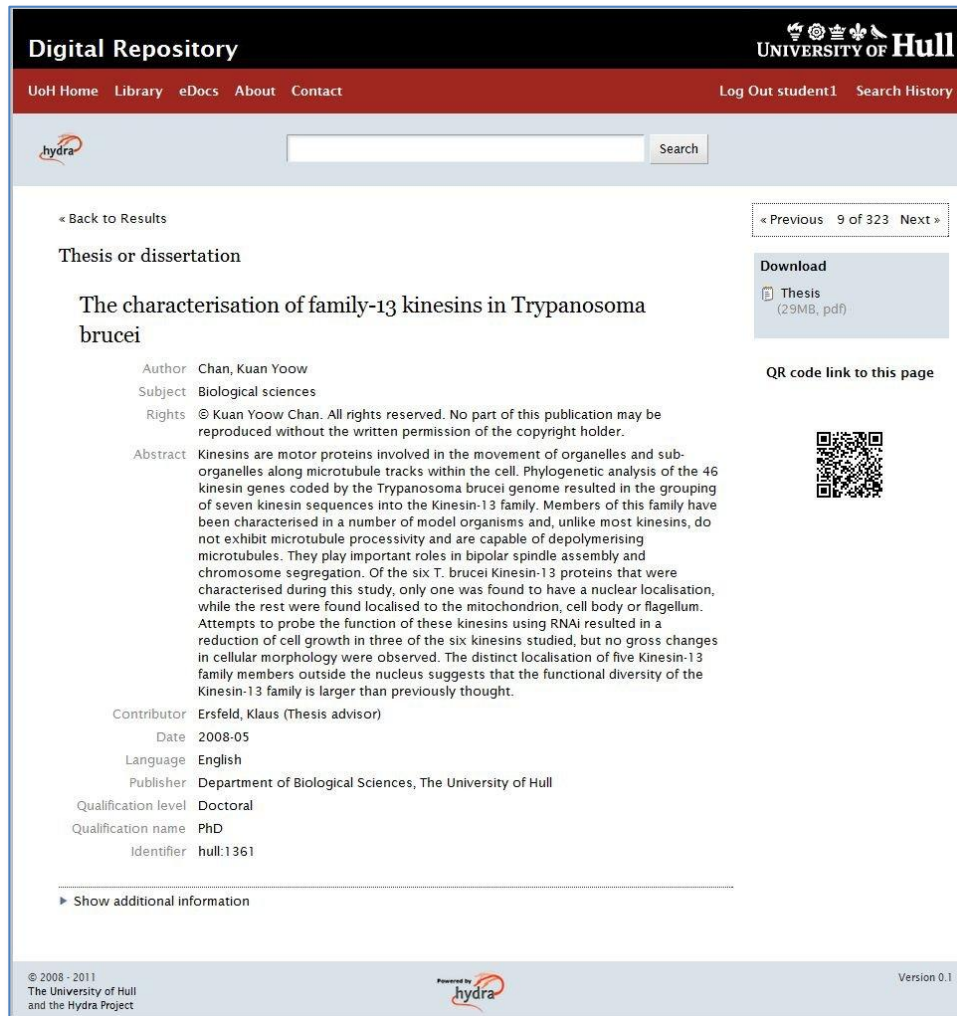
The evolution and status of accounting in Libya
Author Kilani, Kilani Abdulkerim
Resource type Thesis or dissertation
Subjects Management; International trade
Language English

The evolution of accounting in developing countries : the study of Jordan
Author Helles, Salem Abdalla Salem
Resource type Thesis or dissertation
Subject Management
Language English

Kuwait's tax reformation, its alternatives and impact on a developing accounting profession
Author Al-Rashed, Wael E. R.

- Choosing a facet (here theses) generates a search return
- I can refine my search by choosing more facets and/or using the search bar.
- Normally the search bar starts a new search – but on a search return page it searches within the result set

Hydra in Hull splash page



Digital Repository UNIVERSITY OF Hull

UoH Home Library eDocs About Contact Log Out student1 Search History

hydra Search

« Back to Results « Previous 9 of 323 Next »

Thesis or dissertation

The characterisation of family-13 kinesins in Trypanosoma brucei

Author Chan, Kuan Yoow
 Subject Biological sciences
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Abstract Kinesins are motor proteins involved in the movement of organelles and sub-organelles along microtubule tracks within the cell. Phylogenetic analysis of the 46 kinesin genes coded by the Trypanosoma brucei genome resulted in the grouping of seven kinesin sequences into the Kinesin-13 family. Members of this family have been characterised in a number of model organisms and, unlike most kinesins, do not exhibit microtubule processivity and are capable of depolymerising microtubules. They play important roles in bipolar spindle assembly and chromosome segregation. Of the six T. brucei Kinesin-13 proteins that were characterised during this study, only one was found to have a nuclear localisation, while the rest were found localised to the mitochondrion, cell body or flagellum. Attempts to probe the function of these kinesins using RNAi resulted in a reduction of cell growth in three of the six kinesins studied, but no gross changes in cellular morphology were observed. The distinct localisation of five Kinesin-13 family members outside the nucleus suggests that the functional diversity of the Kinesin-13 family is larger than previously thought.

Contributor Ersfeld, Klaus (Thesis advisor)
 Date 2008-05
 Language English
 Publisher Department of Biological Sciences, The University of Hull
 Qualification level Doctoral
 Qualification name PhD
 Identifier hull:1361

► Show additional information


Download
 Thesis (29MB, pdf)

QR code link to this page


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- Choosing an item gives me its 'splash page'.
- Different splash page layouts for different content types (here a PhD thesis)...
- Link(s) at the right download the resource(s)
- 'Show additional resources' lets you view metadata in different formats

Hydra in Hull splash page

Digital Repository


UoH Home Library eDocs About Contact
Log Out student1 Search History



[◀ Back to Results](#)

Journal article

Valid knowledge: the economy and the academy; Higher Education

Authors Williams, Peter;

Subjects Forms of knowledge; University futures; Learning technologies; Knowledge economy

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Abstract The future of Western universities as public institutions is the subject of extensive continuing debate, underpinned by the issue of what constitutes valid knowledge. Where in the past only propositional knowledge codified by academics was considered valid, in the new economy enabled by information and communications technology, the procedural knowledge of expertise has become a key commodity, and the acquisition of this expertise is increasingly seen as a priority by intending university students. Universities have traditionally proved adaptable to changing circumstances, but there is little evidence to date of their success in accommodating to the scale and unprecedented pace of change of the Knowledge Economy or to the new vocationally-oriented demands of their course clients. And in addition to these external factors, internal ones are now at work. Recent developments in eLearning have enabled the infiltration of commercial providers who are cherry-picking the most lucrative subject areas. The prospect is of a fracturing higher education system, with the less adaptable universities consigned to a shrinking public-funded sector supporting less vocationally saleable courses, and the more enterprising universities developing commercial partnerships in eLearning and knowledge transfer. This paper analyses pressures upon universities, their attempts to adapt to changing circumstances, and the institutional transformations which may result. It is concluded that a diversity of partnerships will emerge for the capture and transfer of knowledge, combining expertise from the economy with the conceptual frameworks of the academy.

Date 2007

Language English

Publisher The University of Hull

Published

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Volume **54**

Issue **4**


Pages **511 - 523**

< Previous 2 of 2

Download

 **Journal article**
(228KB, pdf)

QR code link to this page



[▶ Show additional information](#)

- ... here a splash page for a journal article (note the publication information at the bottom)
- For images (say) the splash page will be different again
- The QR code resolves to the splash page URL

Hydra in Hull QA

Author
Name
Williams, Peter

Journal article
Title
Valid Knowledge: the economy and the academy

Subject
Forms of knowledge
University futures ✖
Learning technologies ✖
Knowledge economy ✖

➕

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Abstract
The future of Western universities as public institutions is the subject of extensive continuing debate, underpinned by the issue of what constitutes valid knowledge. Where in the past only propositional knowledge codified by academics was considered valid, in the new economy enabled by information and communications technology, the procedural knowledge of expertise has become a key commodity, and the acquisition of this expertise is increasingly seen as a priority by intending university students. Universities have traditionally proved adaptable to changing circumstances, but there is little evidence to date of their success in accommodating to the scale and unprecedented pace of change of the Knowledge Economy or to the new vocationally-oriented demands of their course clients. And in addition to these external factors, internal ones are now at work. Recent developments in eLearning have enabled the infiltration of commercial providers who are cherry-picking the most lucrative subject areas. The prospect is of a fracturing higher education system, with the less adaptable universities consigned to a shrinking public-funded sector supporting less vocationally saleable courses, and the more enterprising universities developing commercial partnerships in eLearning and knowledge transfer. This paper analyses pressures upon universities, their attempts to adapt to changing circumstances, and the institutional transformations which may result. It is concluded that a diversity of partnerships will emerge for the

Publisher
The University of Hull

Note

Peer reviewed

Language
English

Published

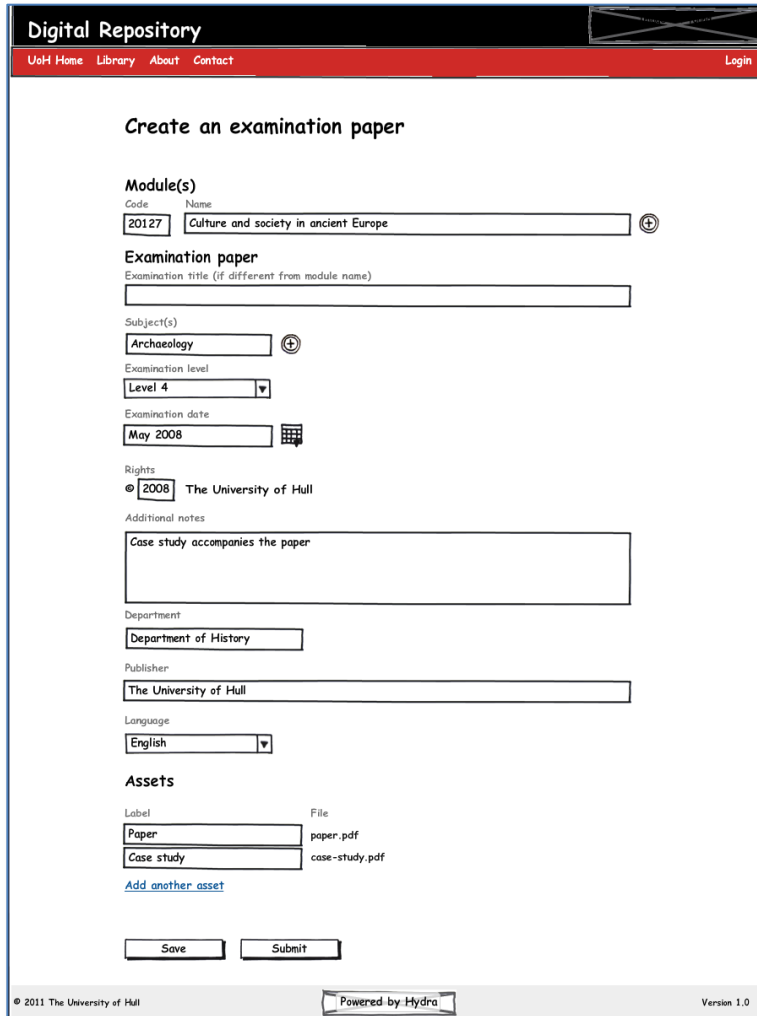
Published in Higher Education	Date 2007
ISSN (Print) 0018-1560	ISSN (Electronic) 1573-174X
DOI 10.1007/s10734-007-9051-y	Link to publication http://dx.doi.org/10.1007/s10734-007-9051-y

Volume 5 Issue 4 Pages 511 to 523

Save Submit

- Before content is exposed it goes through a QA procedure. With an appropriate login, editing is available. Whilst splash pages normally show a sub-set of the available descriptive metadata, the QA team see it all.
- This is part of the QA screen for the previous journal article.

Hydra in Hull 'create'



Digital Repository

UoH Home Library About Contact Login

Create an examination paper

Module(s)

Code: 20127 Name: Culture and society in ancient Europe

Examination paper

Examination title (if different from module name):

Subject(s): Archaeology

Examination level: Level 4

Examination date: May 2008

Rights: © 2008 The University of Hull

Additional notes: Case study accompanies the paper

Department: Department of History

Publisher: The University of Hull

Language: English

Assets

Label	File
Paper	paper.pdf
Case study	case-study.pdf

[Add another asset](#)

Save Submit

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- Similar, but highly guided/customised pages will be available for object creation
 - currently being programmed
- User sees a form only for the metadata we need from them and can upload only file types appropriate to the form of resource
- When they submit an object it goes into the QA queue before being made available to end users
- Extra metadata (MIME-type, filesize, etc auto-generated) 'behind the scenes'

Hydrangea in Hull

- We have been fortunate to secure a small grant from the JISC (Joint Information Systems Committee) in the UK to help fund the implementation and migration processes – in return for which...
- ...we hope Hydrangea in Hull (the JISC project name) will provide
 - a UK reference implementation
 - “local” knowledge that others in the UK can tap and learn from
 - the basis on which to establish a UK Hydra community

A bit of help from our friends

In addition, the University has a contract with our Hydra partner MediaShelf LLC to ‘pump prime’ some of the development work and, in so doing, *to train our own software developers*

... an investment for the future

Contacts and links

Project Director: Chris Awre (c.awre@hull.ac.uk)

Project Manager: Richard Green (r.green@hull.ac.uk)

Blog: hydrangeainhull.wordpress.com

Temporary test site: hydra-test.hull.ac.uk

Watch this space: hydra.hull.ac.uk (currently the original proof-of-concept site but will become the production site)

(Current repository: edocs.hull.ac.uk)

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