

HYDRA EUROPE

<http://projecthydra.org>

Chris Awre
University of Hull, UK
c.awre@hull.ac.uk

Anders Conrad
Royal Library, Denmark
asc@kb.dk

Dermot Frost
Trinity College, Dublin, Ireland
dfrost@tchpc.tcd.ie

Nicola Wright
LSE, UK
n.c.wright@lse.ac.uk

Roger Guasch Arambudo
Theatre Institute of Barcelona
guaschar@institutdelteatre.cat

A repository solution

Hydra is a repository solution being applied at institutions to manage a range of digital content collections.

Use cases include institutional repositories, image / media repositories, and those managing archives and special collections. Repository administration solutions enhance back-end workflows.



A technical framework

Hydra is an ecosystem of components that lets institutions deploy robust and durable digital repositories (the 'Hydra body') supporting multiple 'Hydra heads'. The principle components are Fedora, Solr, Ruby on Rails and Blacklight.

Hydra is free and open source software, available under the Apache 2 license.

What is Hydra?

A community

*** Hydra UK Group formed ***

The University of Hull and London School of Economics have got together with three institutions looking to adopt Hydra

- University of York
- University of Durham
- Lancaster University

The Group will share experiences and expertise, as well as work together on joint projects that require a UK-based solution.

Hydra is a large multi-institutional collaboration. The project provides a mechanism to combine individual repository development efforts into a collective solution with breadth and depth that exceeds the capacity of any individual institution to create, maintain or enhance on its own.

"If you want to go fast go alone, if you want to go far, go together"
(African proverb)

Hydra - 25 global partners

Three partners in Europe

- | | |
|---|--|
| Stanford
Hull
Virginia
DuraSpace
MediaShelf
Notre Dame
Northwestern
Columbia
Penn State
Indiana
London School of Economics
Rock and Roll Hall of Fame
Data Curation Experts | The Royal Library of Denmark
WGBH
Boston Public Library
Duke
Yale
Virginia Tech
Cincinnati
Princeton
Cornell
Oregon
Oregon State
Case Western Reserve |
|---|--|

How is Hydra being used in Europe?


UNIVERSITY OF Hull

The University's institutional digital repository is built on Hydra. This manages open access to digitised materials and research collections of theses, publications and data, as well as controlled, gated access to exam papers, committee minutes and other internal collections. The repository, Hydra@Hull, is designed to cope with any collection the University needs managing.

Future developments: Images and digital archive collections

Take a look: <http://hydra.hull.ac.uk>



The Royal Library in Denmark is using Hydra to build its new digital library infrastructure. Digital objects from various sources enter a Hydra repository for digital curation/archiving, whilst another is used to manage dissemination. Public access will be through a number of tailored applications over this Hydra head. Long-term preservation is in a secure bit repository.

Future developments: Support for multiple object types and metadata formats.

To be opened at the end of 2014!


TRINITY COLLEGE DUBLIN

Trinity College Dublin is the technical lead for the Digital Repository of Ireland and is using Hydra to build the ingest, browse and search components for this. DRI will house the cultural, humanities and social science outputs of universities, libraries, galleries and other heritage institutions.

Features include use of the Europe-wide Edugate federation, a distributed preservation layer and support for a wide variety of metadata standards and object types.

For further details visit <http://www.dri.ie>


LSE Library Services

The London School of Economics has used Hydra to build its Digital Library. It contains a wide variety of material, including digitised versions of significant LSE archival holdings such as the diaries of Beatrice Webb and the recently acquired Women's Library.

Future plans include: Widen the collection scope to include more born digital material, and integrating LSE's institutional repositories.

Take a look: <http://digital.library.lse.ac.uk/>


Institut del Teatre **Diputació Barcelona**

One of the main goals to the Theatre Institute of Barcelona is preserve and promote collections of objects and documents related to the performing arts.

Our digital repository, Escena Digital, built in Hydra, is designed to cope with any collection and also to cover the whole life cycle of a document: ingestion, processing, preservation and dissemination. It has items in both high (only for purposes of education and research) and low (open access) quality.

Take a look: <http://colleccions.cdmae.cat>

Hydra Europe Symposium

Held in Dublin, 7-8 April 2014

Would you like to know more?
See also...

Presentations at:
<http://wiki.duraspace.org/display/hydra/European+Hydra+meetings+and+web+events>

Look out for web events in during 2014-15



<http://fedora-commons.org>



blacklight

<http://projectblacklight.org>