

HYDRA EUROPE

<http://projecthydra.org>

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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

Boston Public Library
Columbia University
Cornell University
Data Curation Experts
Duke University
DuraSpace
Indiana University
London School of Economics
MediaShelf
Northwestern University
Oregon State University
Penn State University

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)

Princeton University Library
Rock and Roll Hall of Fame
Stanford University
The Royal Library of Denmark
University of Cincinnati
University of Hull
University of Notre Dame
University of Oregon
University of Virginia
Virginia Tech
WGBH
Yale University

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 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>



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/>



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 Autumn 2014



Fedora Commons™

<http://fedora-commons.org>



blacklight

<http://projectblacklight.org>