Linking Hydra with other systems

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Presentation for RDMF12, University of Leicester, 19 November 2014
Presentation overview

• What is Hydra?
• Where are we at LSE?
• Where would we like to go?
• What are other Hydra adopters doing?
• Why does this matter to me/my institution?
Hydra: what is it?

Hydra is a comprehensive (bundle of) repository solution(s).

- An active community
- A set of design principles
- A stack of software components:
  - Fedora
  - Solr
  - Blacklight
  - Hydra components

http://projecthydra.org/
Where are we at LSE?

Digital Library

LSE Research Online (inc. some datasets)
LSE Theses Online

Research Data Management service (in development):
  • Data catalogue
  • Data repository (??)

Current Research Information System (at procurement stage)

(various other web presences, catalogues, online resources, discovery services etc. etc.)
LSE Digital Library

- To **collect** and make available digital material (both digitised and "born-digital")...

- To **preserve** that material for the future using state of the art preservation techniques and storage media.

- To **innovate** in the way we present and make available our collections to enable new forms of scholarship and learning...

- To **share** our collections and associated data as widely as possible...

http://digital.library.lse.ac.uk/about
Discovery layer (Primo)

- Digital Library
- EPrints repositories
- "Traditional" library holdings
- Data catalogue, data repository
Where would we like to go?

Broad direction of travel:

Funder requirements imply RDM services:
• Need to allow discovery of research data via a data catalogue
• (Possible?) need for a data repository
• General RDM service provision

Need to better integrate current Library (and other) systems.
Hydra@Hull & Research Data

- Datasets archived on request, with mediation
- Use of collections &/or compound objects
- Small data thus far, keeping an eye on big!
- Hydra as data catalogue to fulfil EPSRC requirements
- Metadata: MODS, with a watching brief for RDF
- Working on Blacklight for data discovery & visualisation
- Institutional recognition of Hydra@Hull as the location for data archiving

https://hydra.hull.ac.uk/
Why does this matter to my institution?

- Hydra (and related technologies) can offer a “total” repository solution
- But the challenge is one of getting there!
- Improved systems integration & data re-use
- Get rid of silos of data of various kinds (?)
- Improved user experience (??)
- Integrated discovery across platforms
Thank you!

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