

# Linking Hydra with other systems

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All content, unless otherwise stated, available



# 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?

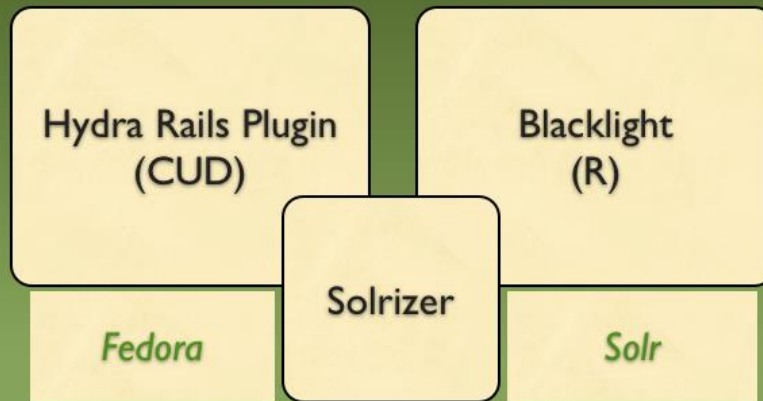


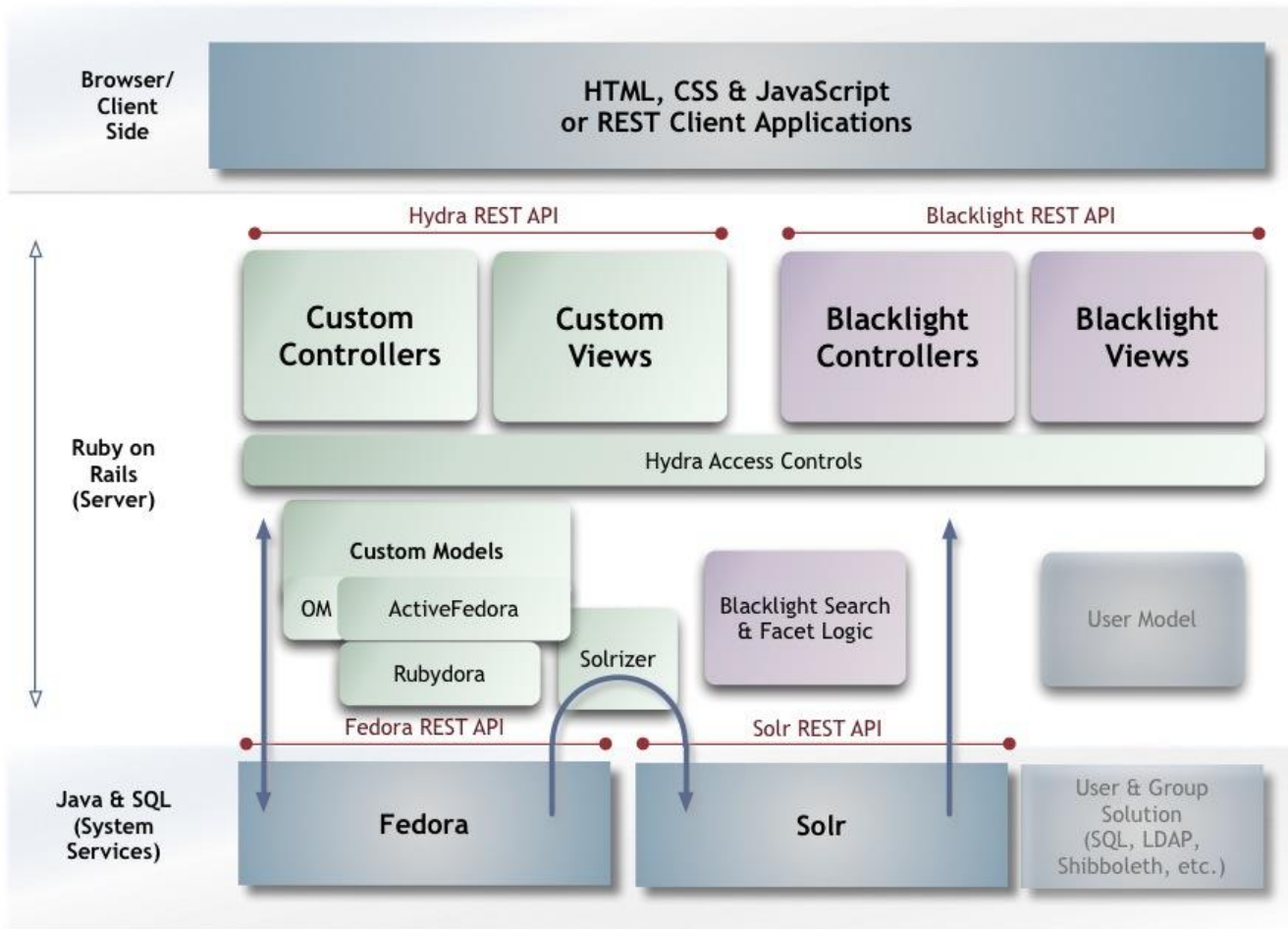
Hydra is a comprehensive (bundle of) repository solution(s).

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

<http://projecthydra.org/>

# Hydra Architecture





# 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)

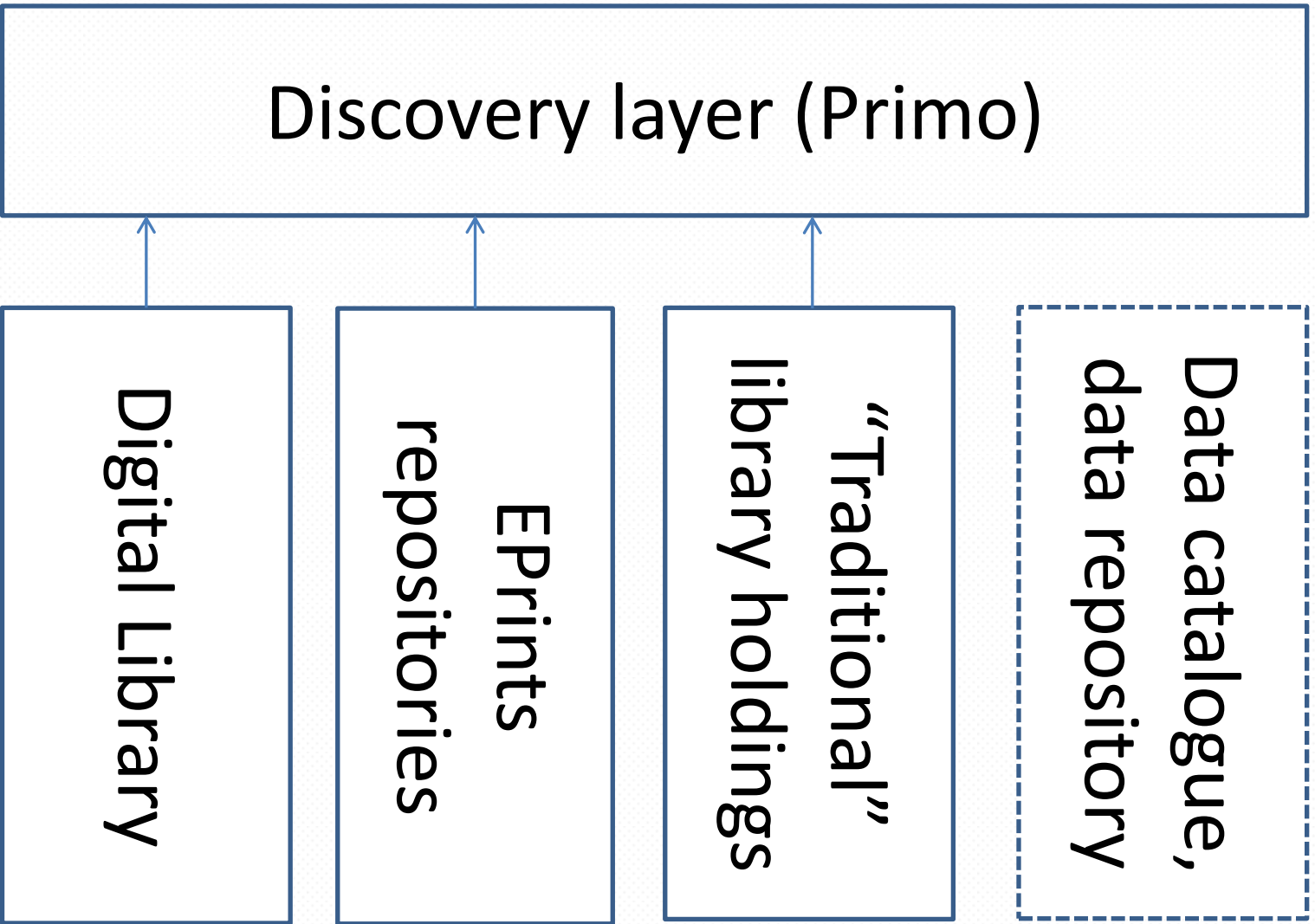
(various other web presences, catalogues, online resources, discovery services etc. etc.)



# 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>





# 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.



# Discovery layer (Primo)

“Traditional”  
library resources

**Digital Library** (inc.  
digital archives,  
institutional repository  
content)

Metadata

**Current Research  
Information System**

**Data  
catalogue**

**Datasets**

Web services

**Web presences**

# 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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