

Linking Hydra with other systems

Neil Stewart, Digital Library Manager, London School of Economics and Political Science

Presentation for RDMF12, University of Leicester, 19 November 2014

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?

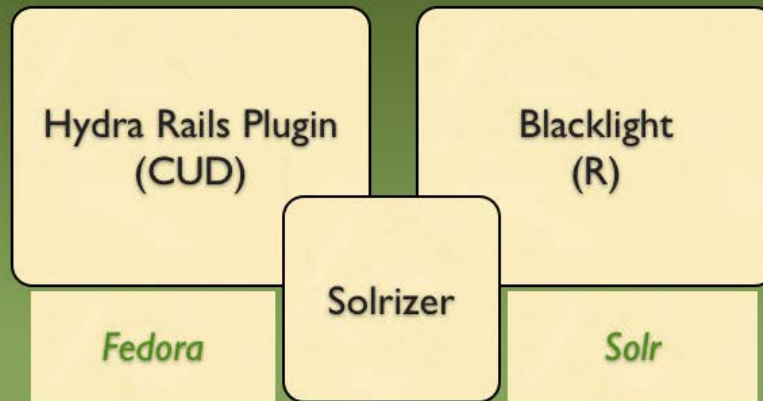


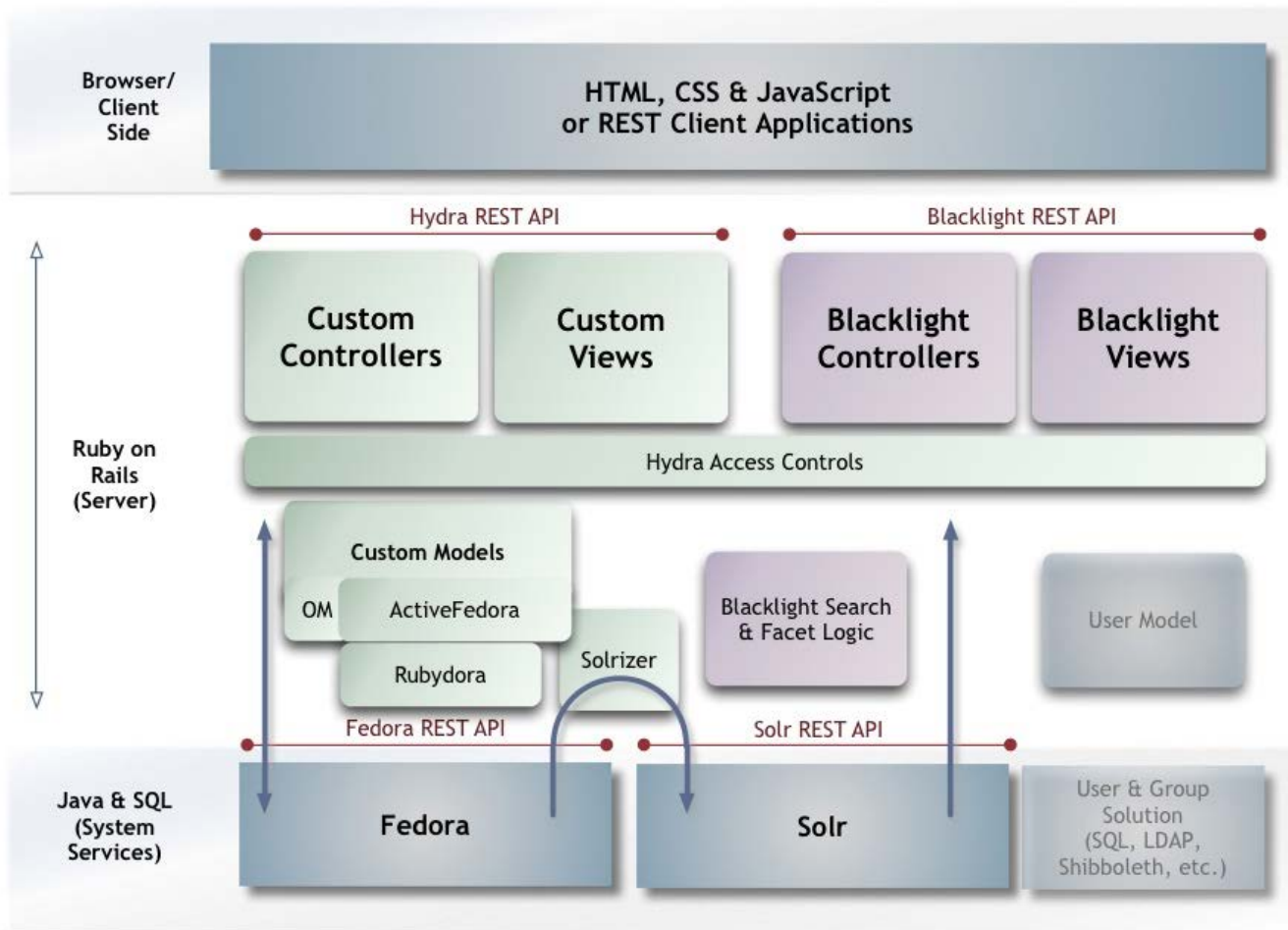
Hydra is a comprehensive (bundle of) repository solution(s).

- 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)

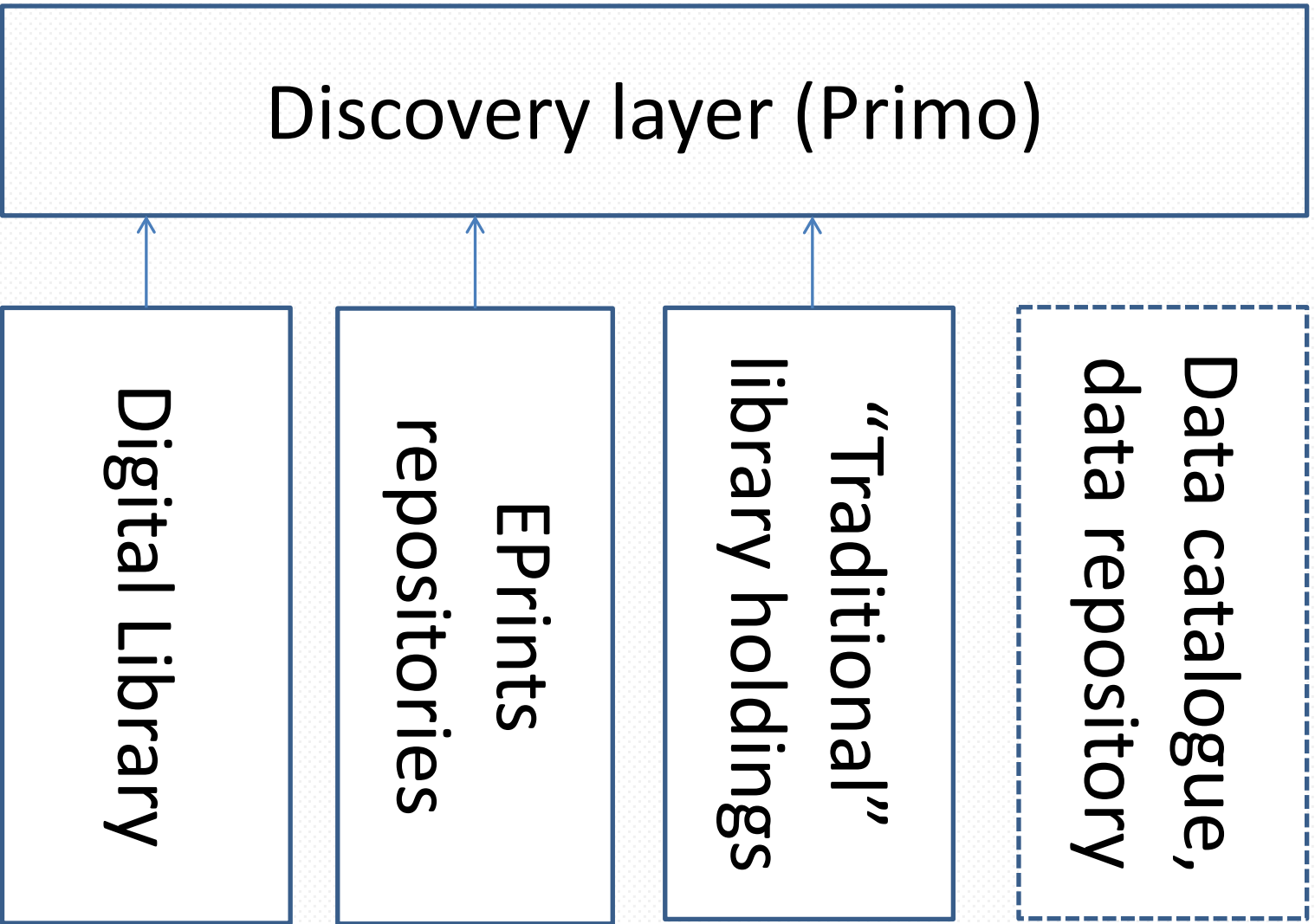
(various other web presences, catalogues, online resources, discovery services etc. etc.)



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!

n.stewart@lse.ac.uk

digital.library.lse.ac.uk

@neilstewart