Setting up a Research Data Management support service at LSE

Laurence Horton, LSE Library
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@laurencedata
About the LSE library and me.
LSE Library

- 1896: British Library of Political and Economic Science
- Library for LSE and researchers in the social sciences
  - Economics
  - Statistics
  - Political science
  - Public administration
LSE Data Library

• Est. 1997: North American model of institutional support.
• Data advice service
  – “Where can I find/How can I access…”?
• Manage data resources
  – Company
  – Country
  – Commodity
  – Survey
  – GIS
The treachery of images

Ceci n'est pas une librarian.
### Who is taking the lead in delivering RDM?

**Question:** In your institution which units are taking the lead in delivering improved services for Research Data Management (RDM)?

<table>
<thead>
<tr>
<th>Category</th>
<th>Russell Group</th>
<th>Others (research income =&gt;10%)</th>
<th>All</th>
<th>Others specified (*)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Research Support &amp; Commercialisation</td>
<td>60%</td>
<td>70%</td>
<td>76%</td>
<td>65%</td>
</tr>
<tr>
<td>Library or Information Service</td>
<td>70%</td>
<td>80%</td>
<td>87%</td>
<td>80%</td>
</tr>
<tr>
<td>IT/ Research computing</td>
<td>50%</td>
<td>50%</td>
<td>55%</td>
<td>50%</td>
</tr>
</tbody>
</table>

April 2011

EPSRC Research Data Expectations released.
April 2011

LSE sets up a working group

• Drafts a research data policy
• Recommends a 12 month pilot RDM service.
Twelve month pilot RDM service
Spring 2014

It’s Alive!
Project produces recommendations for service and draft RDM policy.
Research Data Management at the LSE
Levels of RDM support at LSE

<table>
<thead>
<tr>
<th>There is no “done”</th>
</tr>
</thead>
<tbody>
<tr>
<td>High-level</td>
</tr>
<tr>
<td>• Re-use infrastructure</td>
</tr>
<tr>
<td>• Data curation</td>
</tr>
<tr>
<td>Mid level</td>
</tr>
<tr>
<td>• Metadata support</td>
</tr>
<tr>
<td>• Facilitating data deposit</td>
</tr>
<tr>
<td>• Consultations</td>
</tr>
<tr>
<td>Basic level</td>
</tr>
<tr>
<td>• Offering DMP Review</td>
</tr>
<tr>
<td>• RDM website</td>
</tr>
<tr>
<td>• RDM Drop-in sessions</td>
</tr>
</tbody>
</table>
RDM Drop-in sessions
“How to write a DMP for…” sessions
What does it take to build an RDM service?
An RDM service takes a...
An RDM service takes a...
An RDM service takes a…
An RDM service takes a…
An RDM service takes a...
What are the barriers for access to data?
Cost

SHUT UP

AND TAKE MY MONEY!
“I can not imagine any Library with any pretentions to be a Library, doing without it”

“Even if the Library has not got the money it ought to go bankrupt to get the Jahrbuch”

“Why on earth don’t you make the Library Committee’s life a burden to them until you get that regularly”
Licences
Security
Anonymisation
SAY "BIG DATA" ONE MORE TIME
I DARE YOU, I DOUBLE DARE YOU
Context

METADATA IS A LOVE NOTE TO THE FUTURE
HOW STANDARDS PROLIFERATE:
(SEE: A/C CHARGERS, CHARACTER ENCODINGS, INSTANT MESSAGING, ETC)

SITUATION:
THERE ARE 14 COMPETING STANDARDS.

14?! RIDICULOUS!
WE NEED TO DEVELOP
ONE UNIVERSAL STANDARD
THAT COVERS EVERYONE'S
USE CASES. YEAH!

SOON:

SITUATION:
THERE ARE 15 COMPETING STANDARDS.
Culture

Technology
Incentives
Framing support
Terminology

- “Open data”
- “Open access”
- “Open science”
- “Data sharing”
- “Data reuse”
Thank you

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