Data Publishing: Challenges for HEIs and Libraries

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A centre of expertise in digital information management
Positioning an HEI as a data publisher

- Take responsibility for its data products
- A data stakeholder
- Institutional buy-in
- Other priorities REF
- Leadership
- Staff resources
- Infrastructure costs
Who pays?

- Research funder grants
- Direct costs (during lifetime of grant)
- Long-term institutional RDM investment
- Need to articulate the business case
- Understand the benefits to the institution
Producing data fit for publication

• Researcher awareness is low
• Advocacy needed (like OA)
• Change default behaviour: from “mine” to “let’s share”
• Provide RDM training: Research360 Project at Bath
• Doctoral Training Centre role
• Who takes the lead: Library?
Institutional data publishing services needed

- Advocacy & awareness programmes
- Data publishing options: data papers, data journals, data peer review....
- Data repository: “last resort”
- Data catalogue: discovery
- How to cite data: identifiers, DOIs, ORCID, Amsterdam Manifesto, data licensing
- Data metrics: ImpactStory
Developing data capability in professional services

http://immersiveinformatics.org

Immersive Informatics Course pilot at Bath
Co-developed with University of Melbourne
Running from July 2013
Module 7
Data Publication will cover:
• Data sharing
• Data papers & data journals
• Data citation
• Identifiers
• Data licensing
• Metrics...
Incentivising the (open) data publishing workflow

• Researcher incentives: tangible attribution, credit, reward (prizes, promotion, tenure…)

• “REF2020” is potential game-changer: embed metrics for data products, data-sharing, data citations, data re-use

• Interpretations of “impact”: paradigm shifts (personalised medicine), societal engagement (citizen data platforms), crowd-crafting software tools, web-scale impacts

• Incentives for professional data informatics support staff: include as “authors” in citations, recognise as a career path

• Transform the (LIS) curriculum: MSc Data Science
Thank you.

DCC Resources can be downloaded from
http://www.dcc.ac.uk

Immersive Informatics
http://immersiveinformatics.org

Research360 Project at University of Bath
http://blogs.bath.ac.uk/research360/