Tools for managing research data: DAF and DRAMBORA

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Research Data Management workshop
20th October 2008, Said Business School, Oxford
Data management: where to being?

- Find out what you have
- Find out what has been happening
- Decide what you want to happen
- Implement those changes
- Check you’re doing what you say you do
Where each of these tools helps

• Find out what you have
• Find out what has been happening
• Decide what you want to happen
• Implement those changes
• Check you’re doing what you say you do
Background: a recommendation

“JISC should develop a Data Audit Framework to enable all universities and colleges to carry out an audit of departmental data collections, awareness, policies and practice for data curation and preservation”

Organisations involved

- DAF Development Project
  (HATII, University of Glasgow; King’s College London; University of Edinburgh; UKOLN, University of Bath)

- Four pilot implementation projects
  - University of Edinburgh
  - King’s College London
  - Imperial College London
  - University College London
DAF methodology

Workflow and tasks
Pilot audits

- Glasgow University Archaeological Research Division (GUARD)
- Innovative Design and Manufacturing Research Centre (IdMRC) at University of Bath
- School of GeoSciences at University of Edinburgh
- Early Imperial College pilot audit
Broad conclusions

- Lots of data being created
- Few policies for data creation and management
- Researchers unsure where to begin
- Unaware of available support
- Often no place of deposit or funds for preservation
Online tool: audit stages

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<th>AF3 Updated (Creator)</th>
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</table>

Checklist:
- [ ] Completed Audit Form 3 for each asset
- [ ] Finished classifying all data assets

Additional Information:
Online tool: questionnaires
Next steps

- Training events
- Pilot implementation projects / early adopters
- Redeveloping methodology and online tool
- Building user support

http://www.data-audit.eu
What is DRAMBORA?

Digital Repository Audit Method Based on Risk Assessment

• Identifies strengths and weaknesses
• Assists repositories to identify priorities and plan work

“converting uncertainties into measurable and manageable risks”
Development of DRAMBORA

DRAMBORA team completed several pilot audits to develop, validate and refine the self-audit methodology.
DRAMBORA methodology

Two discrete phases:

- Information accumulation, aggregation and documentation
- Risk identification, assessment and response

A self-assessment methodology
DRAMBORA interactive

The repository audit toolkit
Further information

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http://www.data-audit.eu
http://repositoryaudit.eu

Thank you! Any questions?