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Digital Curation Centre (Glasgow)

*e-Science Collaborative Workshop, Sheffield*

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**JISC**



University  
of Glasgow

Humanities Advanced Technology  
& Information Institute



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# The problem

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How can organisations realise the value of their research data assets when it is unclear:

- what data is held;
- where it is located;
- and how it is being managed?

# A recommendation

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“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”

Liz Lyon, *Dealing with Data: Roles, Rights, Responsibilities and Relationships*, (2007)

# Scope of work

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- **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

# The methodology

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[http://www.data-audit.eu/DAF\\_Methodology.pdf](http://www.data-audit.eu/DAF_Methodology.pdf)

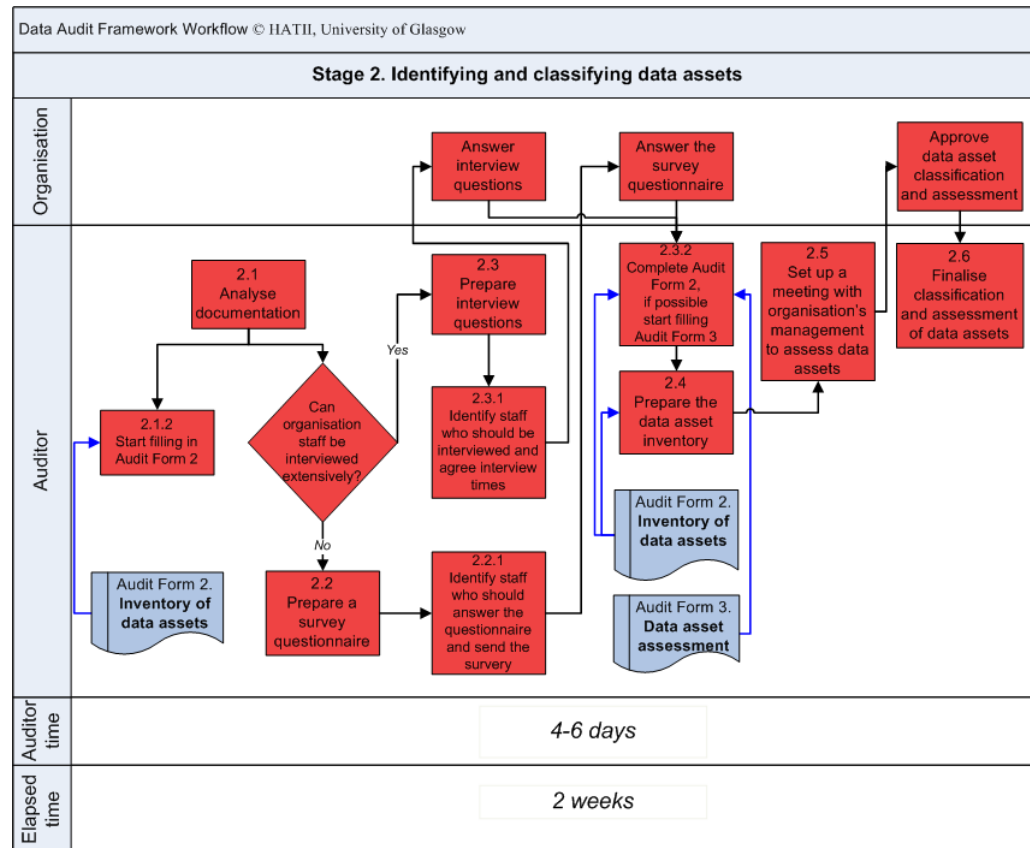




# Stage 2: identifying

- Identify and classify assets
- Interviews, questionnaires, research

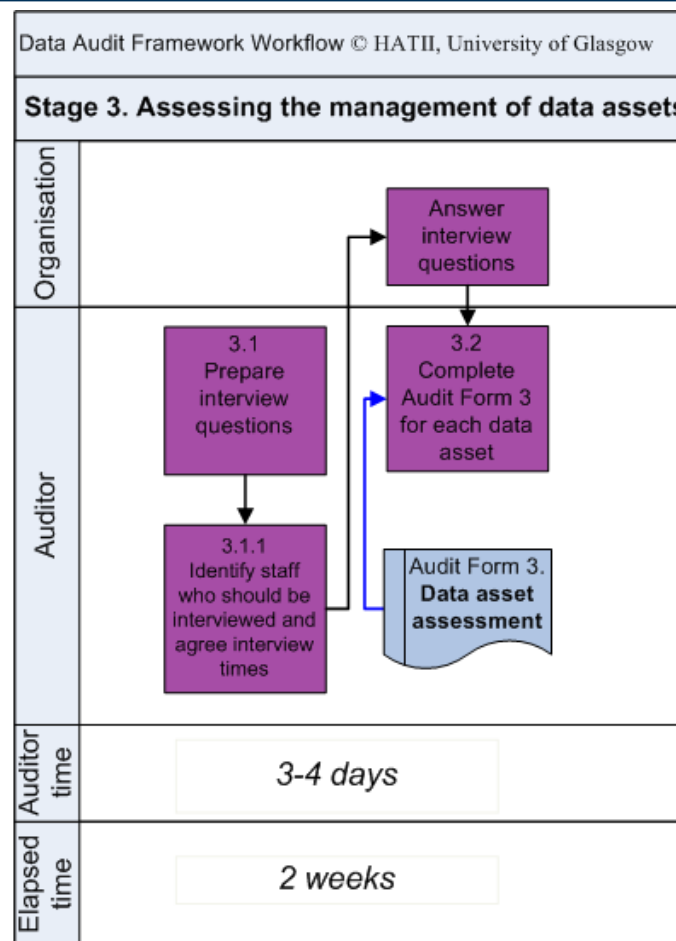
Create an inventory



## Stage 3: assessing

- Assess most crucial assets to organisation
- Consider access, reuse, and data management

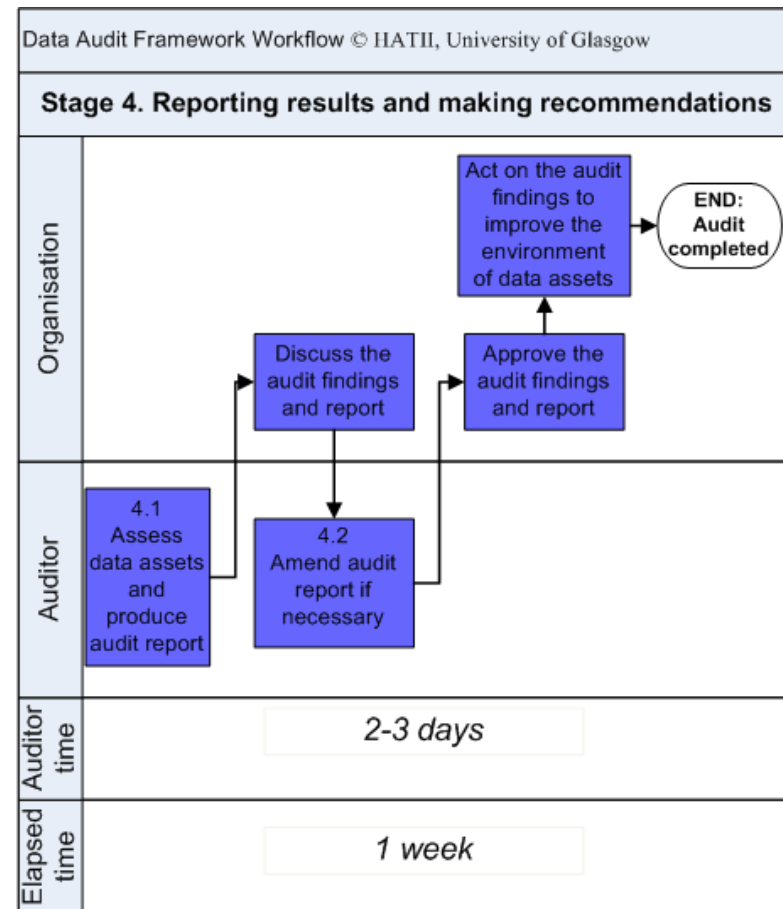
Identifying  
weaknesses  
and risks



# Stage 4: recommendations

- Collate audit results
- Analyse data

Recommend changes to improve data management



# Pilot audits

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- School of GeoSciences at University of Edinburgh
- Innovative Design and Manufacturing Research Centre (IdMRC) at University of Bath
- Glasgow University Archaeological Research Division (GUARD)

# Broad findings

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- 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

International Journal of Digital Curation

<http://www.ijdc.net/>



The screenshot shows the 'Data Audit Framework' interface. At the top, it says 'logged in as sjones | logout'. The main heading is 'Audit Stage 3'. On the left, there is a navigation menu with 'Home', 'STAFF', 'List Audits', 'AUDITOR', 'New Audit', and 'List Users'. Below the heading, there is a progress bar with four stages: Stage 1, Stage 2, Stage 3 (highlighted), and Stage 4. A button labeled 'Save & Continue to Stage 4 >>' is visible. The main content area is divided into two sections: 'Assets' and 'Checklist'.

**Assets**

Asset Name	Classification	Date Created (Creator)	AF3 Updated (Updater)	AF3 Form Type
<a href="#">View</a> M74 assessment	vital	2008-10-19 (sjones)		core
<a href="#">View</a> Rannoch Moor - HLF	important	2008-10-19 (sjones)		core
<a href="#">View</a> Water Row Govan evaluation	minor	2008-10-19 (sjones)		
<a href="#">View</a> Kirk of St Nicholas Skeletal analysis	vital	2008-10-19 (sjones)		core
<a href="#">View</a> Dun Eistean Archeology Project (DEAP)	important	2008-10-19 (sjones)		

**Checklist**

- Completed Audit Form 3 for each asset
- Finished classifying all data assets

Additional Information

**Questionnaire**

\* Introductory Text

We're auditing GUARD's data holdings and would be welcome your assistance. Please fill in details of any data you have created or are responsible for maintaining.

Recipients

s.jones@natii.arts.gla.ac.uk, bds@arts.gla.ac.uk, i.banks@archeology.arts.gla.ac.uk, i.shearer@guard.ac.uk, n.wilkinson@archeology.arts.gla.ac.uk

Invitee email addresses, separated by a comma

Username

guardaudit

The username invitees should enter to access the questionnaire (6 characters or more)

Password

guard8037

The password invitees should enter to access the questionnaire

Expiry Date

2008-10-31

**Additional Questions**

Please add any additional introductory questions below.

\* Question

What support would you like for data management?

Add a Question

Questionnaire needs to be sent by 23rd October

Add a Note

Save & Continue to Stage 3 >>

# Future work

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- Implementation projects → redevelopment
- Support and training – next course at IDCC
- Results feed into other data research
  - UKRDS, Data Skills study
  - DCC policy study
  - Glasgow and Edinburgh University curation strategy



## Further information

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- DAF workshop at IDCC, 1 December, Edinburgh  
<http://www.dcc.ac.uk/events/dcc-2008/programme/>
- Presentations, papers, methodology... online  
<http://www.data-audit.eu>
- Sarah Jones [s.jones@hatii.arts.gla.ac.uk](mailto:s.jones@hatii.arts.gla.ac.uk)

*Thank you! Any questions?*