

The UK Data Archive: a service provider

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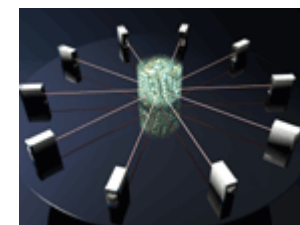
**Tackling the Preservation Challenge:
Practical Steps for Repository Managers,
London, 12 December 2008**



1. What do we do?

UKDA Mission Statement

“to support high quality research, teaching and learning in the social sciences and humanities, by acquiring, developing and managing data and related digital resources, and by promoting and disseminating these resources as widely and effectively as possible.”



2. What's different?

Some possible differences...

Activity	I. R.	UKDA
Delivery of digital research outputs	Yes	Yes
Designed to promote the institution's best interests	Yes	No
Allows users to add content seamlessly	Yes	Not yet
Free at point of use for depositor	Yes	Mostly
Disposal policy	Possible	No
Works with metadata harvesters	Possible	Yes
Integrated into national access management strategies	Possible	Yes
Managed ingest on contractual basis	Possible	Yes
Managed ingest of digital objects	Possible	Yes
Delivery of digital research data	Possible	Yes
Verification of research data	No	Yes
Promoting re-use of research data	No	Yes
Long-term preservation of digital resources	No	Yes
Managed preservation of digital resources	No	Yes

Welcome to UKDA-store

UKDA-store is a repository for managing and sharing research outputs, the focus being on data. UKDA-store aims to extend the possibility of sharing data and outputs with the research community without having data formally archived. UKDA-store accepts data-related resources primarily across the social sciences and humanities.

UKDA-store is currently only open to ESRC researchers.

ESRC researchers who are registered can:

- upload a range of digital objects to the repository including statistical data, databases, word documents, audio-visual materials
- assign permissions to individuals and/or groups to enable access to the materials in the repository
- ask for data to be formally lodged with the UK Data Archive

Once you have [registered](#) for a UKDA-store account you will be able to contribute materials.

ESRC Researchers - [Start Contributing!](#)

Users can:

- search and browse all research data and outputs in UKDA-store
- preview and download data which has been published in UKDA-store
- request access to data and documentation which are closed (requires registration)

[Start using!](#)

CONTRIBUTORS

1. [Login](#)
2. [Update My Profile](#)
3. [Retrieve project details](#)
4. [Offer materials to UKDA](#)

SEARCH PROJECTS

in UKDA-store [Advanced Search](#)

BROWSE PROJECTS

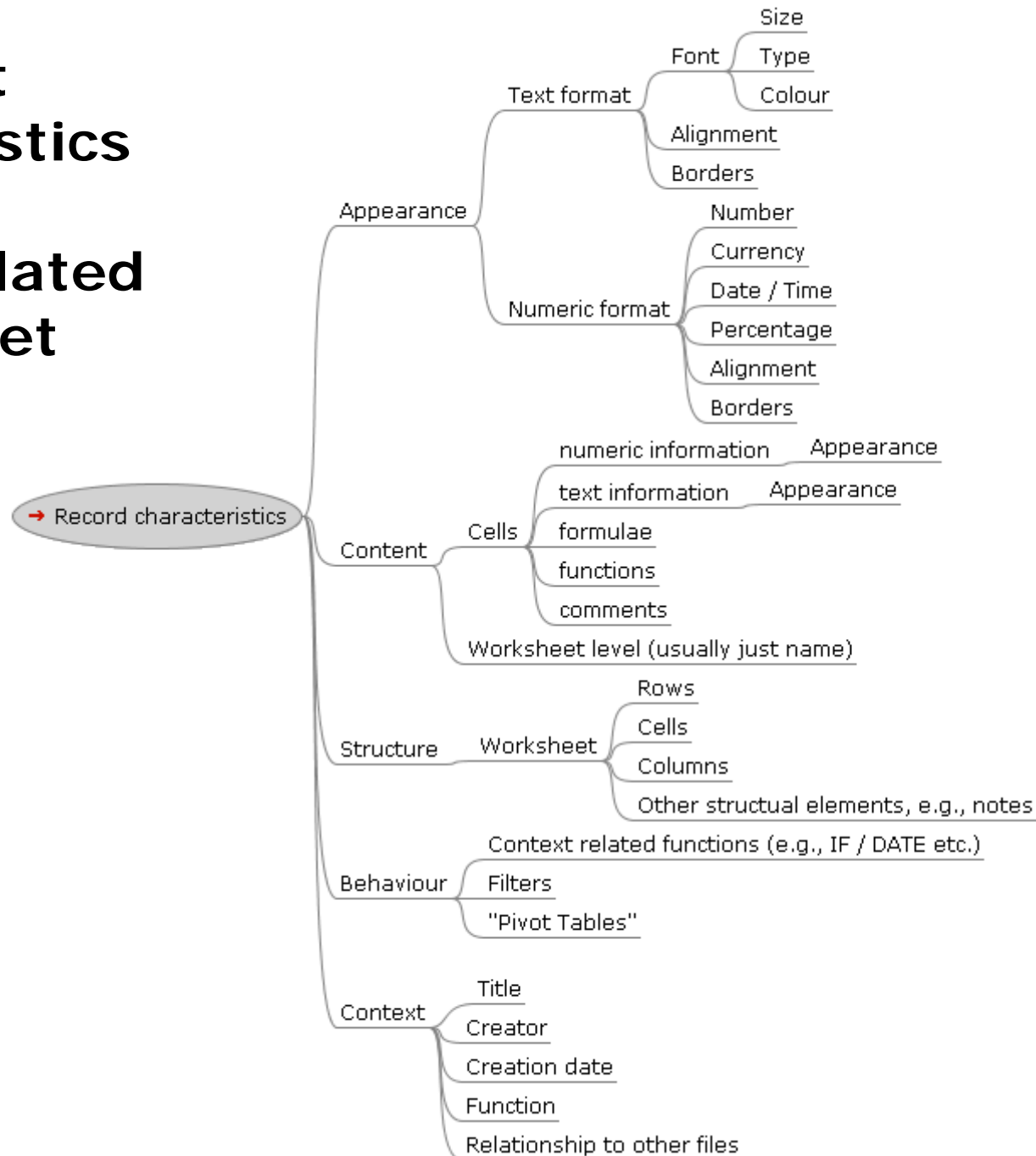
- [All Projects](#)

3. What to preserve?

Significant properties

the characteristics of digital objects that must be preserved over time in order to ensure the continued accessibility, usability, and meaning of the objects

Significant characteristics of a social science related spreadsheet



4. Informing a policy

UKDA preservation policy

<http://tinyurl.com/UKDAPresPol>

Requirements influencing preservation policy

- organisational / business needs
- user requirements
- standards
- legislation
- rights issues
- technology and technical environment
- security

Standards used to inform

- BS ISO 14721: Open Archival Information Systems
- BS ISO 18492: Long term preservation of electronic information
- BS ISO 27001/2: Information security
- BS ISO 15489: Records management
- Archival standards (BS 5454)
- Metadata standards (DDI, METS, MIX, MODS...)
- File formats (PDF/A)
- Other policies (TNA, English Heritage...)
- Other guidelines (TNA, ADS)

Planning tools

- Data Seal of Approval published by DANS (www.datasealofapproval.org)
- TRAC (Trustworthy Repositories Audit and Certification) Criteria and Checklist
- the NESSTOR catalogue of criteria
- the Digital Preservation Coalition's Handbook
- the DRAMBORA toolkit
- Data Audit Framework (www.data-audit.eu)

Life-cycle approach

- Legal and regulatory framework
- Pre-ingest / ingest
- Archival storage
- Systems (hardware) / IT architecture
- Data Management / metadata
- Access