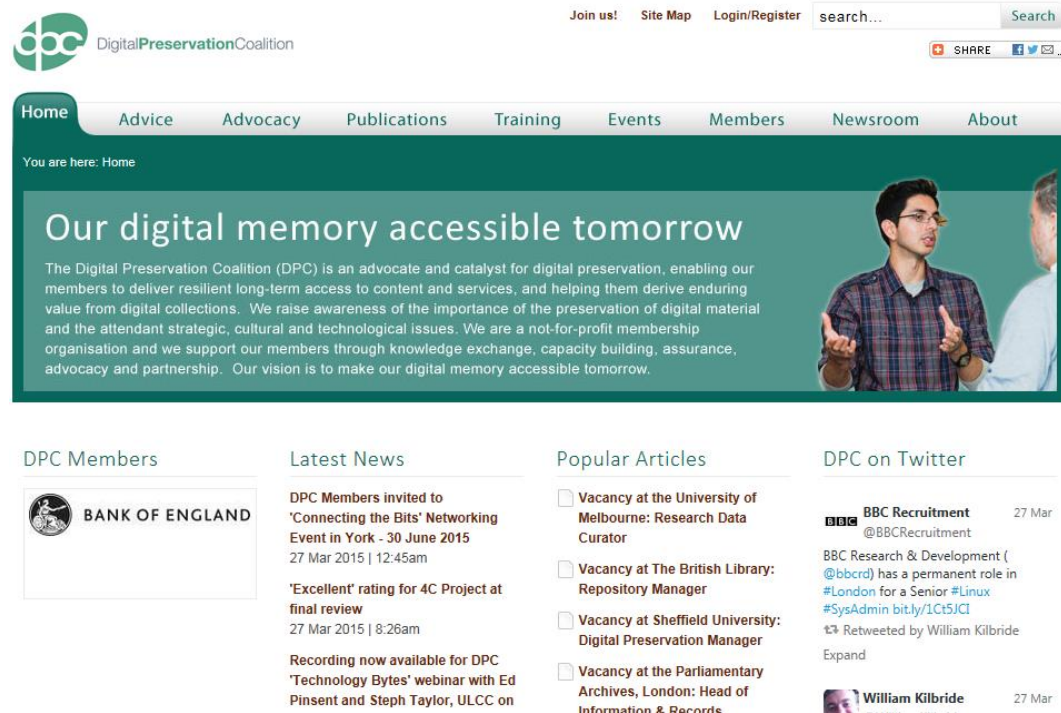




Make Friends



- 50 Members
- Member Support
- Training
- Publications
- Research and Practice
- Advocacy



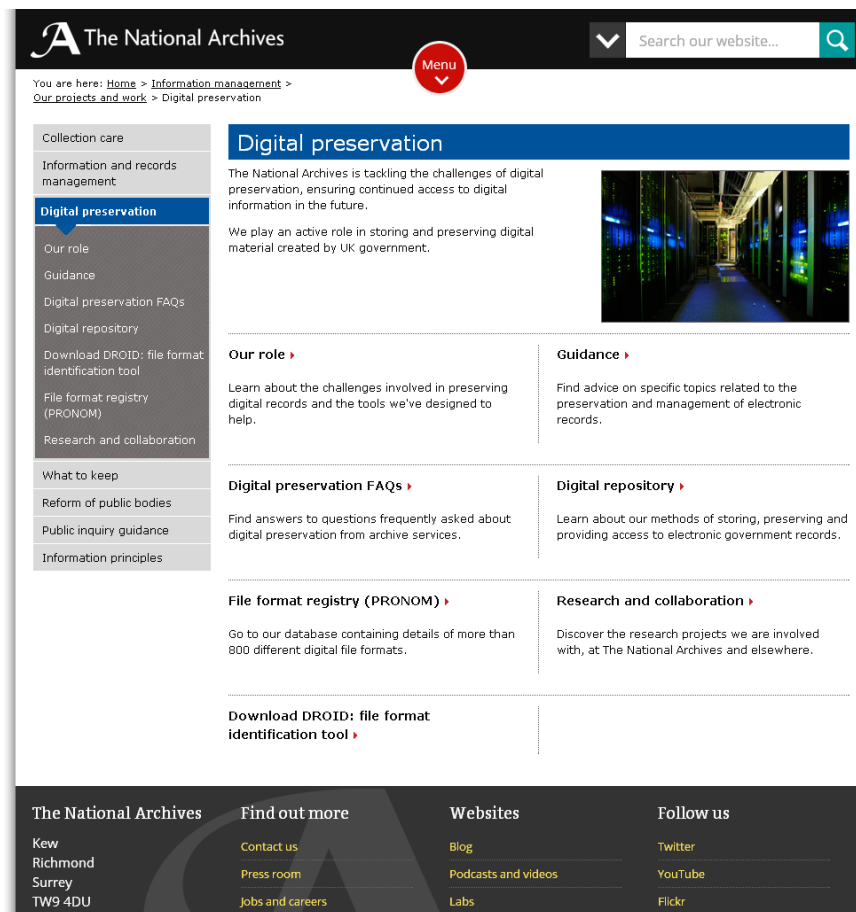
The screenshot shows the DPC website homepage. At the top is the DPC logo and navigation links: Join us!, Site Map, Login/Register, and a search bar. Below the navigation bar is a main banner with the headline "Our digital memory accessible tomorrow" and a sub-headline: "The Digital Preservation Coalition (DPC) is an advocate and catalyst for digital preservation, enabling our members to deliver resilient long-term access to content and services, and helping them derive enduring value from digital collections. We raise awareness of the importance of the preservation of digital material and the attendant strategic, cultural and technological issues. We are a not-for-profit membership organisation and we support our members through knowledge exchange, capacity building, assurance, advocacy and partnership. Our vision is to make our digital memory accessible tomorrow." To the right of the text is a photo of a man in a plaid shirt gesturing while speaking. Below the banner are four columns of content: "DPC Members" featuring the Bank of England logo; "Latest News" with two news items about networking events and a project review; "Popular Articles" with four vacancy listings; and "DPC on Twitter" showing a tweet from BBC Recruitment.

Some DPC Resources

- Tech Watch reports
(<http://www.dpconline.org/publications/technology-watch-reports>)
- Events (<http://www.dpconline.org/events>)
 - Making Progress: 10/7, Liverpool
 - Briefing Days: Personal Digital Archives, 28/4, London
 - Webinars
- Digital Preservation Handbook
- Leadership Programme

The National Archives

<http://nationalarchives.gov.uk/information-management/projects-and-work/digital-preservation.htm>



The National Archives

You are here: [Home](#) > [Information management](#) > [Our projects and work](#) > Digital preservation

Digital preservation

The National Archives is tackling the challenges of digital preservation, ensuring continued access to digital information in the future.

We play an active role in storing and preserving digital material created by UK government.

Our role

Learn about the challenges involved in preserving digital records and the tools we've designed to help.

Guidance

Find advice on specific topics related to the preservation and management of electronic records.

Digital preservation FAQs

Find answers to questions frequently asked about digital preservation from archive services.

Digital repository

Learn about our methods of storing, preserving and providing access to electronic government records.

File format registry (PRONOM)

Go to our database containing details of more than 800 different digital file formats.

Research and collaboration

Discover the research projects we are involved with, at The National Archives and elsewhere.

Download DROID: file format identification tool

The National Archives

Find out more

[Contact us](#)
[Press room](#)
[Jobs and careers](#)

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The National Archives 2

- Other resources, e.g. DROID/PRONOM
 - <https://github.com/digital-preservation>
- Parsimonious Preservation
 - <http://www.nationalarchives.gov.uk/documents/information-management/parsimonious-preservation.pdf> (2009)
 - <http://www.nationalarchives.gov.uk/documents/information-management/parsimonious-preservation-in-practice.pdf> (2013)
- Digitisation standards
 - <http://nationalarchives.gov.uk/documents/information-management/digitisation-at-the-national-archives.pdf>

<http://www.bl.uk/aboutus/stratpolprog/collectioncare/discovermore/digitalpreservation/index.html>

BRITISH LIBRARY

ABOUT US

Collection Care

Home > About Us > Strategy, policies and programmes > Collection Care > Discover more > Digital Preservation

Digital Preservation

The British Library collects and must preserve an increasing amount of digital material for future users. The diversity of digital material and frequent changes in computer technology present ongoing challenges for long term preservation and access. The Library is at the cutting edge of international research in this area and our digital preservation team works closely with colleagues across the Library to improve the longevity of our digital collections.

The Challenge of Digital Preservation

The British Library is committed to preserving digital content for the long term, safeguarding our intellectual heritage so that it can be used by future researchers. The rapid rate at which technology is evolving and the relative transience of digital content make this a significant challenge.

Our British Library's Digital Preservation Team undertakes the R&D necessary to ensure the Library is able to implement the right technology to support digital preservation, at the right time.

A Strategy for Digital Preservation

In 2006, the digital preservation team produced a [ten year strategy](#) to ensure perpetual access to the digital material held in our collections. The mission, goal and principles of that strategy remain broadly valid.

Our understanding of digital preservation has evolved since 2006. A new strategy has therefore been produced to bring our activities in line with the Library's more recent [2020 vision and corporate strategic priorities for 2011 - 2015](#).

You can read more about our current strategy [here](#).

What We Do

Our R&D programme combines technical development with curatorial research to deliver policies, best practice and recommendations for operational units across the Library, disseminated via the Digital Preservation Centre of Excellence.

The R&D programme is directly linked to our strategy and strategic priorities. Activities include collection profiles, risk assessments, repository audits, quality assurance, tool and file format assessments, workflows, and a preservation watch. We work closely with colleagues across the Library to ensure these activities meet core business needs and we monitor operational activities across the Library to ensure recommendations are appropriately implemented.

[Read more](#) about our current programme of work.

National and international collaboration

Search About us

[Search tips](#)

In this section

- Strategy [↗](#)
- What We Do [↗](#)
- Collaboration [↗](#)

Related links

- 2020 Vision [↗](#)
- The British Library's Strategy 2011 - 2015 [↗](#)
- About Collection Care [↗](#)
- Digital programme [↗](#)
- Digitisation [↗](#)

<http://www.llgc.org.uk/index.php?id=3970>



The screenshot shows the website of Llyfrgell Genedlaethol Cymru (The National Library of Wales). The header includes the logo and name, a navigation bar with links like Home, About NLW, Visit Us, Collections, Family History, Digital Mirror, Education, and Blog, and a search bar. A sidebar on the left lists various units and collections. The main content area is titled 'What is Digital Preservation?' and contains a paragraph explaining the concept. A vertical yellow bar on the right is labeled 'Collections'. A small inset image shows a preview of the 'Digital Mirror' page.

LGC NLW Llyfrgell Genedlaethol Cymru
The National Library of Wales
Aberystwyth

Home About NLW Visit Us Collections Family History Digital Mirror Education Blog

Catalogues
About our Collections
Collection Care
Conservation Treatment Unit
Easel Painting Conservation Unit
Preventive Conservation Unit
Collection Support Unit
Good Practice
Digital Preservation
Digital Preservation in NLW

You are here: [Home Page](#) > [Collections](#) > [Collection Care](#) > [Digital Preservation](#)

What is Digital Preservation?

Digital Preservation is a **set of activities required to make sure digital objects can be located, rendered, used and understood in the future**. This can include managing the object names and locations, updating the storage media, documenting the content and tracking hardware and software changes to make sure objects can still be opened and understood. Within the Library we are concerned with long term digital preservation where long term is 'deemed long enough to be concerned with the impacts of changing technologies, including support for new media and data formats, or with a changing user community. Long term may extend indefinitely.' [CCSDS, 2002]

Collections

Digital Mirror


- Welsh Biography**
The lives of hundreds of Welsh people from the 19th to the 20th century.
- Manuscripts**
The lives of hundreds of Welsh people from the 19th to the 20th century.
- Archives**
The lives of hundreds of Welsh people from the 19th to the 20th century.
- Printed Material**
The lives of hundreds of Welsh people from the 19th to the 20th century.
- Sound and Video**
The lives of hundreds of Welsh people from the 19th to the 20th century.
- Photographs**
The lives of hundreds of Welsh people from the 19th to the 20th century.
- Maps**
The lives of hundreds of Welsh people from the 19th to the 20th century.
- Exhibitions**
The lives of hundreds of Welsh people from the 19th to the 20th century.
- Publications**
The lives of hundreds of Welsh people from the 19th to the 20th century.
- Information**
The lives of hundreds of Welsh people from the 19th to the 20th century.



Digital Preservation Coalition


Library of Congress

<http://www.digitalpreservation.gov/>

[ASK A LIBRARIAN](#)[DIGITAL COLLECTIONS](#)[LIBRARY CATALOGS](#)[GO](#)

The Library of Congress > Digital Preservation

DIGITAL PRESERVATION


[GO](#)

- [Home](#)
- [About](#)
- [Partners](#)
- [Collections](#)
- [Tools Showcase](#)
- [Multimedia & Publications](#)
- [Meetings & Events](#)
- [Education & Training](#)
- [Contact Us](#)

Resources


- [Digital Formats Sustainability](#)
- [Federal Agencies Digitization Guidelines Initiative](#)
- [Preservation and Conservation at the Library of Congress](#)
- [Section 108 Study Group](#)
- [Standards at the Library of Congress](#)
- [Web Archiving at the Library of Congress](#)

Digital Preservation



This is the home of the [National Digital Stewardship Alliance](#), [Digital Preservation Outreach and Education](#) and the [National Digital Information Infrastructure and Preservation Program](#).


National Digital Stewardship Alliance



An initiative of the National Digital Information Infrastructure and Preservation Program, NDSA members work together to make a sustained contribution to digital stewardship.

[Read about the NDSA >](#)


Preserving Your Digital Memories



Just as libraries are preserving the nation's digital memory, individuals need to take steps to preserve their own digital memories. Here are some tips on what you can do.

[View the tips >](#)


Digital Preservation Outreach and Education




Fostering a national outreach and education network to encourage the preservation of digital content.

[Print](#)[Subscribe](#)[Share/Save](#)

@ndiipp on Twitter



ndiipp .@NDSA2 releases a digital stewardship glossary. Let the lexical "discussions" begin!
go.usa.gov/4fuB
3 hours ago · reply · retweet · favorite



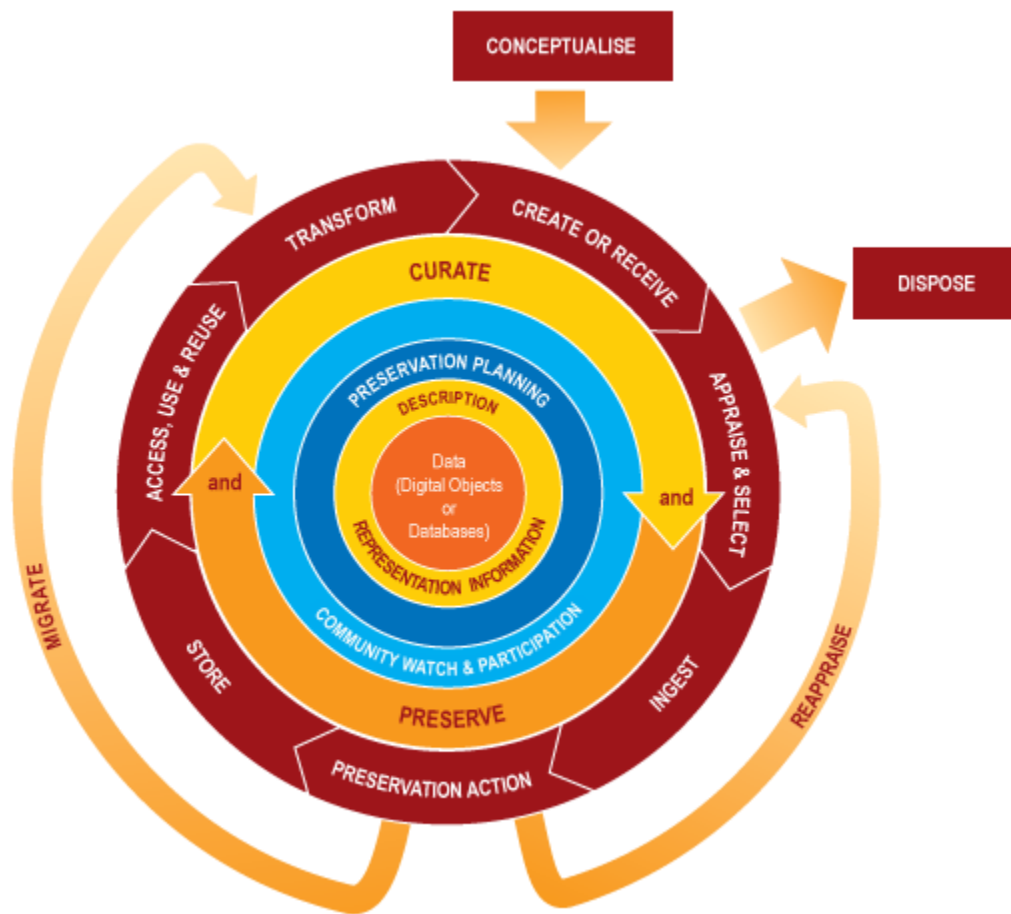
ndiipp Hey there, "Reading improves the mind. Are you fond of Reading?" MT @HarvardLibrary pick-up line from 1820 game
hvr.me/14s8ZeA
2 hours ago · reply · retweet · favorite

Recent Blog Posts

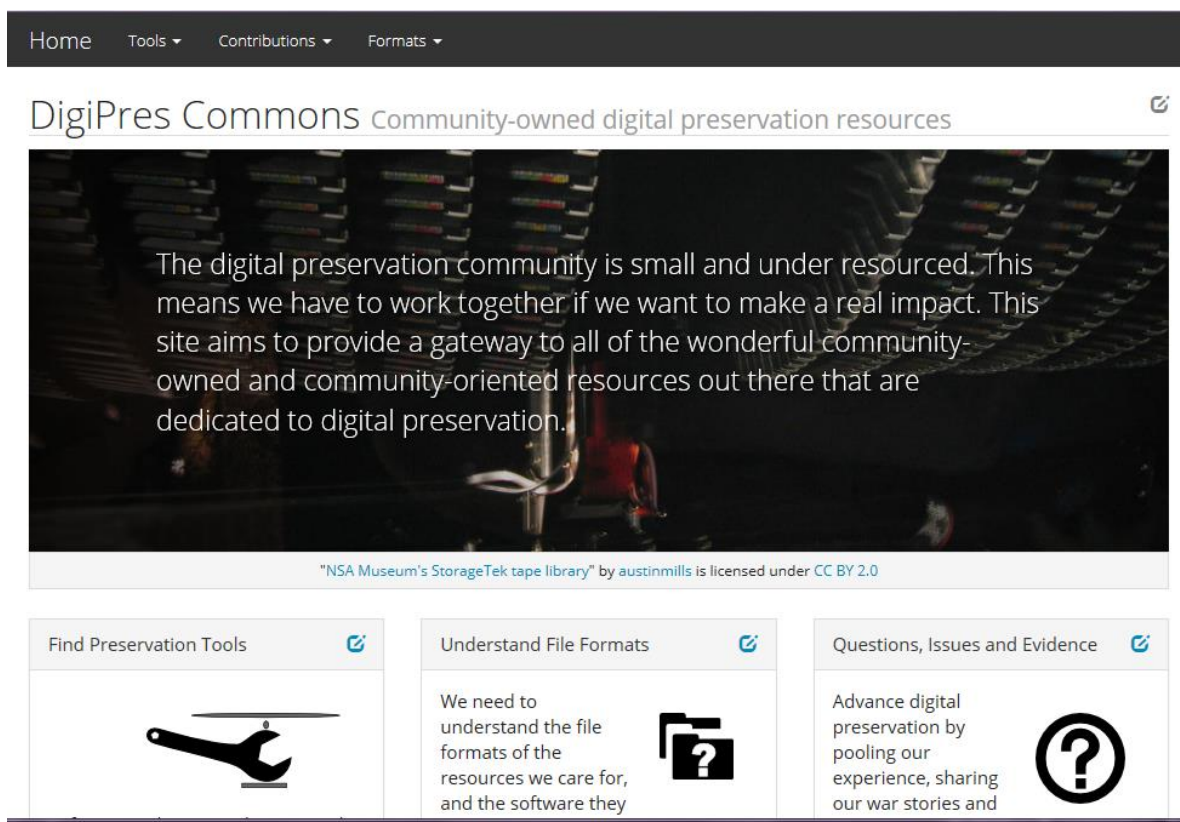
[The Release of the NDSA Digital](#)

Digital Curation Centre

- <http://www.dcc.ac.uk>
- Digital information curation (data)
- Advice and help for UK higher education to store, manage, protect and share digital research data



<http://www.digipres.org/>



The screenshot shows the DigiPres Commons website. At the top is a dark navigation bar with links: Home, Tools, Contributions, and Formats. Below this is the site title "DigiPres Commons" followed by the subtitle "Community-owned digital preservation resources". A large banner image of a tape library is shown with the following text: "The digital preservation community is small and under resourced. This means we have to work together if we want to make a real impact. This site aims to provide a gateway to all of the wonderful community-owned and community-oriented resources out there that are dedicated to digital preservation." Below the banner is a small attribution: "NSA Museum's StorageTek tape library" by austinmills is licensed under CC BY 2.0. The main content area features three columns: "Find Preservation Tools" with a wrench icon, "Understand File Formats" with a folder and question mark icon, and "Questions, Issues and Evidence" with a question mark icon.

Home Tools ▾ Contributions ▾ Formats ▾


DigiPres Commons

Community-owned digital preservation resources

The digital preservation community is small and under resourced. This means we have to work together if we want to make a real impact. This site aims to provide a gateway to all of the wonderful community-owned and community-oriented resources out there that are dedicated to digital preservation.


"NSA Museum's StorageTek tape library" by austinmills is licensed under CC BY 2.0

Find Preservation Tools




Understand File Formats

We need to understand the file formats of the resources we care for, and the software they



Questions, Issues and Evidence

Advance digital preservation by pooling our experience, sharing our war stories and



Digital Preservation Training Programme

- <http://www.dptp.org/>
- Run by ULCC (University of London Computer Centre)
- 3 day course run several times a year, various locations
- Scholarships available to DPC members
- Good grounding, ready-made peer network



Digital Preservation Coalition

Planets -> Open Planets

<http://planets-project.eu/>

<http://www.openplanetsfoundation.org/>

The screenshot shows the homepage of the OPF Knowledge Base Wiki. At the top, there is a navigation bar with links to 'Dashboard', 'Knowledge Base', and 'Home'. A search bar is located on the right. Below the navigation bar, the 'Home' section features a welcome message and a list of resources. On the right side, there are four large, stylized buttons for 'Datasets, Issues and Solutions', 'OPF Format Corpus', 'Atlas of Digital Damages', and 'Digital Preservation Questions and Answers'. The bottom of the page has a footer with the text 'Our digital memory accessible tomorrow' and the website URL 'www.dpconline.org'.

Dashboard , Knowledge Base , Home

Browse Log In Search

Home

25 Added by [Andrew Jackson](#), last edited by [Paul Wheatley](#) on Jan 30, 2013 ([view change](#))

Welcome to the OPF Knowledge Base Wiki

The OPF wiki is here to gather knowledge relating to key issues in digital preservation and organise these to allow practitioners, developers and information specialists to better preserve digital heritage. This wiki welcomes contributions from every member of the community and provides a hosting space for many global projects. From **practitioners**, we welcome your use case scenarios and problems and hope to link these with solution providers. For **developers**, we not only hope to join you to practitioners in the community through online and face-to-face events, but also welcome your valuable solutions with advice on software development, project hosting and distribution. Gathering together communities and key knowledge allows **information managers** to make effective decisions for preserving our digital heritage.

- Contribute your requirements and solutions**
Share your challenges and solutions with the community, and view the resulting record of digital preservation practice
- Collaborate**
Get involved with these collaborative digital preservation initiatives, including Q&A on Stack, the Atlas of Digital Damages and the OPF Format Corpus
- Find preservation tools**
Find tools for solving your digital preservation challenges in the OPF Tool Registry
- Understand File Format Risks**
File format risks you should be concerned about, and how to identify them in your content
- Develop Software with the OPF**
All you need to know about developing software with the OPF, with guidance on making your software effective, sustainable, maintainable and reusable

[OPF Projects](#)

Sign up for the OPF wiki

Datasets, Issues and Solutions

OPF Format Corpus

Atlas of Digital Damages

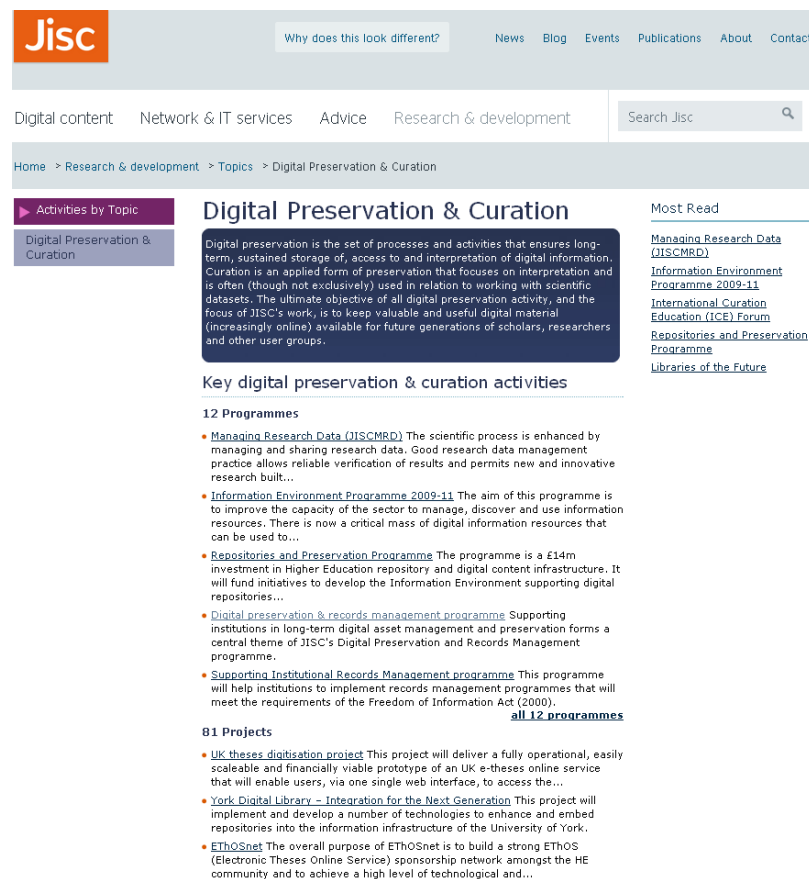
Digital Preservation Questions and Answers

[Web archives that collect/request analytics of harvested sites?](#)

[Digital preservation: questions of format and volume for a digital](#)

<http://www.jisc.ac.uk/whatwedo/topics/digitalpreservation.aspx>

Jisc



The screenshot shows the Jisc website's 'Digital Preservation & Curation' page. The header includes the Jisc logo and navigation links: 'Why does this look different?', 'News', 'Blog', 'Events', 'Publications', 'About', and 'Contact'. Below the header is a search bar and a breadcrumb trail: 'Home > Research & development > Topics > Digital Preservation & Curation'. The main content area is titled 'Digital Preservation & Curation' and includes a definition of digital preservation, a list of 'Key digital preservation & curation activities' (12 Programmes), and a list of '81 Projects'. A sidebar on the right lists 'Most Read' articles.

Activities by Topic

- Digital Preservation & Curation

Digital Preservation & Curation

Digital preservation is the set of processes and activities that ensures long-term, sustained storage of, access to and interpretation of digital information. Curation is an applied form of preservation that focuses on interpretation and is often (though not exclusively) used in relation to working with scientific datasets. The ultimate objective of all digital preservation activity, and the focus of JISC's work, is to keep valuable and useful digital material (increasingly online) available for future generations of scholars, researchers and other user groups.

Key digital preservation & curation activities

12 Programmes

- [Managing Research Data \(JISC MRD\)](#) The scientific process is enhanced by managing and sharing research data. Good research data management practice allows reliable verification of results and permits new and innovative research built...
- [Information Environment Programme 2009-11](#) The aim of this programme is to improve the capacity of the sector to manage, discover and use information resources. There is now a critical mass of digital information resources that can be used to...
- [Repositories and Preservation Programme](#) The programme is a £14m investment in Higher Education repository and digital content infrastructure. It will fund initiatives to develop the Information Environment supporting digital repositories...
- [Digital preservation & records management programme](#) Supporting institutions in long-term digital asset management and preservation forms a central theme of JISC's Digital Preservation and Records Management programme.
- [Supporting Institutional Records Management programme](#) This programme will help institutions to implement records management programmes that will meet the requirements of the Freedom of Information Act (2000).

[all 12 programmes](#)

81 Projects

- [UK theses digitisation project](#) This project will deliver a fully operational, easily scalable and financially viable prototype of an UK e-theses online service that will enable users, via one single web interface, to access the...
- [York Digital Library - Integration for the Next Generation](#) This project will implement and develop a number of technologies to enhance and embed repositories into the information infrastructure of the University of York.
- [ETHOSnet](#) The overall purpose of ETHOSnet is to build a strong ETHOS (Electronic Theses Online Service) sponsorship network amongst the HE community and to achieve a high level of technological and...

Most Read

- [Managing Research Data \(JISC MRD\)](#)
- [Information Environment Programme 2009-11](#)
- [International Curation Education \(ICE\) Forum](#)
- [Repositories and Preservation Programme](#)
- [Libraries of the Future](#)



Other Projects

- Spruce – **Sustainable Preservation Using Community Engagement** (JISC funded)
 - <http://wiki.opf-labs.org/display/SPR/Home>
 - Business Case Toolkit:
http://wiki.dpconline.org/index.php?title=Digital_Preservation_Business_Case_Toolkit
- Scape – **Scalable Preservation Environments** (EU funded)
 - <http://www.scape-project.eu/>
 - <http://wiki.opf-labs.org/display/SP/Home>
- 4C Project – **Collaboration to Clarify the Costs of Curation** (EU funded)
 - <http://www.4cproject.eu/>
- Keeping Research Data Safe - Benefits Framework
 - <http://www.beagrie.com/krds.php>
- APARSEN - Example Business Cases
 - http://www.alliancepermanentaccess.org/wp-content/uploads/downloads/2014/02/APARSEN-REP-D36_2-01-1_0.pdf



DP Plans and Policies

- APARSEN Recommendations for DP Policies
 - <http://www.alliancepermanentaccess.org/wp-content/plugins/download-monitor/download.php?id=D35.1+Exemplar+good+governance+structure+and+data+policies>
- PLATTER
 - <http://www.digitalpreservationeurope.eu/platter/>
- National Archives
 - <http://www.nationalarchives.gov.uk/documents/information-management/digital-preservation-policies-guidance-draft-v4.2.pdf>
- Jisc Digital Preservation Policies Study
 - <http://www.jisc.ac.uk/publications/reports/2008/jiscpolicyfinalreport.aspx>
- Data Seal of Approval (<http://www.datasealofapproval.org/en/>)



- PREMIS Data Dictionary
 - <http://www.loc.gov/standards/premis/>
- METS for wrapping data
 - <http://www.loc.gov/standards/mets/>
- ISAD(G), Dublin Core.....



Tools

- <http://coptr.digipres.org> – **C**ommunity **O**wned **P**reservation **T**ool Register
- <http://www.avpreserve.com/avpsresources/tools/>
 - Fixity – a simple tool for updating the creation and regular checking of hash values which helps you to know files have not been corrupted
 - MDQC – simple verification that metadata embedded in digital objects meets a desired profile
- <https://github.com/digital-preservation>
 - Open source tools developed by The National Archives, will also usually be documentation and downloadable compiled version
 - Available for all to use and develop



Blogs

- <http://digital-archiving.blogspot.co.uk/>
 - Digital Archiving at the University of York
- <http://blogs.loc.gov/digitalpreservation/>
 - The Signal – Library of Congress digital preservation blog
- <http://blog.nationalarchives.gov.uk/blog/tag/digital-preservation-2/>
 - The National Archives – entries tagged “digital preservation”

Social Media

- Twitter
 - @WilliamKilbride
 - @prwheatley
 - @SharonMcMeekin
 - #digitalpreservation
- LinkedIn
 - Various digital preservation related groups

Any final questions?