4C

Collaboration to Clarify
the Costs of Curation

'Investing in Opportunity: Policy Practice and Planning for a Sustainable Digital Future' Conference

Wellcome Trust, London

17th – 18th November 2014

DigitalPreservationCoalition

'Investing in Opportunity: Policy Practice and Planning for a Sustainable Digital Future'

Introduction

The 4C (Collaboration to Clarify the Costs of Curation) Project and the DPC (Digital Preservation Coalition) welcome you to a two day conference exploring the long term value and sustainability of digital objects.

The 4C Project is an EC-funded initiative that is helping organisations across Europe to invest more effectively in digital curation and preservation. Research in digital preservation and curation has tended to emphasize the cost and complexity of the task in hand. 4C reminds us that the point of this investment is to realise a benefit, so our research must encompass related concepts such as 'risk', 'value', 'quality' and 'sustainability'. In this major international conference the project will present its major findings and invite a distinguished panel of experts to review and consider the implications of their work.

Working jointly with the membership of the DPC, the conference will compare the strategic economic aspirations of funders and policy makers against the practical experience of digital preservation, including perspectives from practitioners, vendors and users of digit preservation services. It will identify emerging best practice and will provide a forum for needs and practical requirements to be articulated.

Participants will be invited to review key 4C Project deliverables, considering the implications of these resources and providing the opportunity to shape these to suit community needs before they are submitted to the European Commission. In particular participants will have a final chance to influence the soon to be published Digital Curation Roadmap.

The conference coincides with a ceremony at which the biennial Digital Preservation Awards will be presented.

Programme – Monday 17th November

0930 – Registration open, tea and coffee
1015 – Webinar opens
1030 – Welcome and Introductions
1035 – First Keynote: Fran Berman, Research Data Alliance (RDA)
1120 – Brief Q&A
1130 – Webinar closes

Session 1:

'Investing in Curation: A Shared Path to Sustainability' – The 4C Roadmap

1130 – Presentation of Roadmap: Neil Grindley, Jisc and Ingrid Dillo, Data Archiving and Networked Services (DANS)
1200 – Invited Response 1: Juan Biccaregui, Science and Technology Facilities Council (STFC)
1210 – Invited Response 2: Rob Sharpe, Preservica
1220 – Invited Response 3: Jamie Shiers, CERN
1230 – Discussion
1300 – Lunch

Session 2:

Main auditorium	Dale Room	Franks Room	Steel Room
Planning Sustainability 1400 – Overview and introduction: Raivo Ruusalepp, National Library of Estonia 1410 – Paper one, Costs Concept Model: Ulla Bøgvad Kejser, The Royal Library Denmark. 1440 – Paper two, Economic Sustainability Reference Model: Neil Grindley, Jisc. 1510 – Discussion	1330 – DPC Board Meeting	1400 – Workshop 1: Digital Preservation Cost Myths, Preservica	1400 – Workshop 2: Sustainable Digital Preservation & APARSEN: Value Propositions, Business Cases and Policy.

1520 – Minute madness: Introduction to the Digital Preservation Awards Finalists

1545 – Tea and Coffee

Main auditorium	Dale Room	Franks Room	Steel Room
What sustainability means in practice 1615 – Repository perspective: Catherine Hardman, Archaeology Data Service. 1635 – Service provider perspective: Sandra Collins, Digital Repository of Ireland 1655 – Funder perspective: Ron Dekker, NWO - Netherlands Organisation for Scientific Research 1715 – Discussion	1615 – DPC AGM Presentation of DPC Strategic Plan	1615 – Workshop 1 continues	1615 – Workshop 2 continues

1730 – End of Conference Day one

1830 – Doors open for Digital Preservation Awards 2014
1900 – Digital Preservation Awards 2014 ceremony
2000 – Drinks reception

2100 – Close

Programme – Tuesday 18th November

0930 – Webinar opens
0945 – Welcome and Introductions
0950 – Second Keynote: David Rosenthal, Stanford University
1035 – Brief Q&A
1040 – Webinar closes
1040 – Tea and coffee

Session 4:

Main auditorium	Dale Room	Franks room	Steel Room
Curation Costs Exchange 1100 – Introduction: Alex Thirifays, Danish National Archives & Luis Faria, KEEP Solutions 1120 – Invited response from prospective users: Simon Hodson, CODATA 1130 – Invited response from service providers: Kate Wittenberg, Portico 1140 – Discussion: chaired by Ron Dekker, NWO	1100 – Workshop 3: Preserving more than data - Tools demo, TIMBUS Project	1100 – Workshop 4: Shared preservation for archives, University of Hull	1100 – Workshop 5: Working together and growing together, nestor

Session 5:

Main auditorium	Dale room	Franks Room	Steel Room
Here comes the future 1200 – Technology tipping points: John Tilbury, Preservica 1220 – Delivering skills for the future: Sarah Higgins, University of Aberystwyth 1240 – Organisations: Marius Snyders, PRESTO Centre	Workshop 3 continues	Workshop 4 continues	Workshop 5 continues

1300 – Lunch

Main auditorium	Franks room	Dale Room
Policy & Planning challenges 1400 – Doing nothing, the Cost of Inaction: Chris Lacinak, AVPreserve 1420 – The fall's gonna kill you - sensitivity matters: Tim Gollins, The National Archives/University of Glasgow 1440 – Deleting to Preserve: Appraisal in the digital age - Simon Wilson, University of Hull 1500 – Is there a gold standard and does that matter?: Barbara Sierman, The Royal Library of the Netherlands 1520 – Roundtable discussion: chaired by William Kilbride, DPC	1400 – Workshop 6: Developing National Digital Preservation Infrastructure, NCDD	1400 – Workshop 7: Preservation Planning, Parliamentary Archives & friends

1600 – Tea and coffee

1620 – Final Plenary and review of proceedings: Matthew Woollard, University of Essex

1700 – Thanks and close of Conference.

Session abstracts

Monday 17th November

1400 – Workshop 1: Digital Preservation Cost Myths, Preservica (Franks Room)

This workshop will aim to explore and challenge some digital preservation cost myths, demonstrate the importance of a digital preservation policy and introduce the "5-Step Digital Preservation Journey" to a sustainable digital archive: a practical, straightforward route to ensuring the long-term accessibility of organisations' digital assets whilst outlining practical measures that organisations can take to ensure the long-term sustainability of their digital archives.

1400 – Workshop 2: Sustainable Digital Preservation & APARSEN: Value Propositions, Business Cases and Policy (Steel Room)

The workshop will introduce participants to outputs from the APARSEN project relating to sustainable digital preservation. This will begin with presentations and discussion around the importance of and best practice for establishing value propositions for digital preservation and the creation of business cases and policy. The workshop will conclude with a practical session on writing a well-formed digital preservation policy based on the 15 recommendations assembled by APARSEN.

Tuesday 18th November

1100 - Workshop 3: Preserving more than data -Tools demo, TIMBUS Project (Steel Room)

TIMBUS tool developers will showcase and demonstrate some of the most mature outputs from the TIMBUS Project, nearing its 4 year completion this year. The frameworks, methods, and tools developed in TIMBUS align digital preservation with Enterprise Risk Management (ERM) and iERM and Business Continuity Management (BCM). The tools demonstrated in this workshop facilitate economically sustainable preservation of both iERM and BCM.

TIMBUS is entering its final phase, consolidating the phases of frameworks and tools developed over the past 42 months into an integrated platform. This workshop offers the opportunity for attendees to see how these tools can be adapted and used in many different contexts, from corporate business to research in higher education institutions. The workshop will focus on the Open Source tools, but will demo some of the proprietary software as well.

1100 - Workshop 4: Shared preservation for archives, University of Hull (Dale Room)

The aim of the workshop is to foster discussion of how collaboration between archives might be used to guide and enable the management of born-digital archive material and associated services. Collaboration can take place at many levels, and already does in some cases, for example amongst archives in Wales. Recognising existing experience in this space, the workshop will seek to establish a framework to inform archives of the options available for

collaboration, and the areas where this may be most likely to be a beneficial use of scarce resource.

Participants will consider collaboration in a variety of areas, which might include IT infrastructure and technical development, data storage and preservation, staffing, policy and good practice, access, etc. The workshop will draw on past experience, and seek to extract good practice from this for others to benefit from.

1100 - Workshop 5: Working together and growing together, nestor (Franks Room)

Working groups, in which experts from the nestor partner institutions and other organisations work together on different topics, belong to the most valuable assets of nestor. The working groups on Policy, on Certification, and on Preservation Planning have published their results in English recently, so that they can be discussed at an international level. At this workshop, we will look more closely at the nestor preservation policy guidelines, the nestor certification process for trustworthy digital archives, and the nestor guideline for preservation planning. Each publication will be shortly introduced by a nestor member, followed by an invited response by an international expert.

1400 – Workshop 6: Developing National Digital Preservation Infrastructure, NCDD (Franks Room)

In a 2-hour workshop NCDD will present the results of the survey and share the Transition Scenarios which are developed in their research.

The workshop will demonstrate the state of the art of the Dutch infrastructure for preserving digital objects, organisational as well as technical. It also will give insight in the rough estimates of the costs of digital preservation within The Netherlands.

For the last 45 minutes of the workshop, the attendees of the workshop will elaborate on the different scenarios. The attendees will be divided into workgroups of 3 – 5 persons. The workgroups will be asked to focus each on one of the Transition scenario's, and to make an inventory of pros & cons, consider the risks involved, and to try to make a Timetable. Plenary feedback of the results of the workgroups to the workshop attendees will finalise the meeting.

1400 – Workshop 7: Preservation Planning, Parliamentary Archives & friends (Dale Room)

This workshop will showcase contemporary best practice preservation planning approaches, examine best practice risk management and cost analysis methodologies by focussing upon participation from Repository Managers and encourage wider community input into defining products for preservation planning best practice whilst fostering face to face collaboration.

Delegate List

Name		Role	Organisation
Matthew	Addis	CTO	Arkivum
Rioghnach	Ahern	Ingest Support Officer	The Wellcome Trust
Abdullah	Alassim	Library Director	Saudi Fund for Development
Fahd	Alsubaihi	Advisor, Documentation Centre Director	Saudi Fund for Development
David	Anderson	Professor of Digital Humanities	University of Portsmouth
Anne	Archer	Senior Archivist	Lloyds Banking Group
Kevin	Ashley	Director	Digital Curation Centre
Chris	Awre	Head of Information Management	University of Hull
Aneta	Bach	Information Manager	JPMC
Samuel	Bartle	Collections Officer	East Riding Of Yorkshire Council
Neil	Beagrie	Director	Charles Beagrie Ltd
Rob	Begley	Assistant Information and Records Manager	Parliamentary and Health Service Ombudsman
Francine	Berman	Hamilton Distinguished Professor of Computer Science	Rensselaer Polytechnic Institute
Nazlin	Bhimani	Research Support & Special Collections Librarian	Institute of Education
Juan	Bicarregui	Head Data Division	STFC
Robert	Bley	Managing Director	Ex Libris
Adjoa	Boateng	Head of Information Services	University of East London
Geoff	Browell	Senior Archives Services Manager	King's College London
Adrian	Brown	Director	Parliamentary Archives
Alexandra	Browne	Archivist	Hertfordshire Archives and Local Studies
Rachel	Bruce	Director of Technology Innovation	Jisc
Eleanor	Burgess	Records Manager	Rothschild Foundation
Lucie	Burgess	Associate Director for Digital Libraries	University of Oxford
Lisa	Chadwick	Digital Imaging Officer	University for the Creative Arts
Lisa	Childs	Senior Archive Conservator	National Museum Wales
Anna	Clements	Head of Research Data and Information Services	University of St Andrews
Karen	Colbron		Jisc
Sandra	Collins	Director of the Digital Repository of Ireland	Royal Irish Academy
Susan	Corrigall	Head of Electronic Records Unit & Copyright Officer	National Records of Scotland
Fiona	Courage	Special Collections Manager	University of Sussex Library
Carlos	Coutinho	Research Engineering Manager, Senior Project Manager	CAIXA MÃ•GICA SOFTWARE
Sonia Regina	Cunha	PhD Candidate	University of Minho

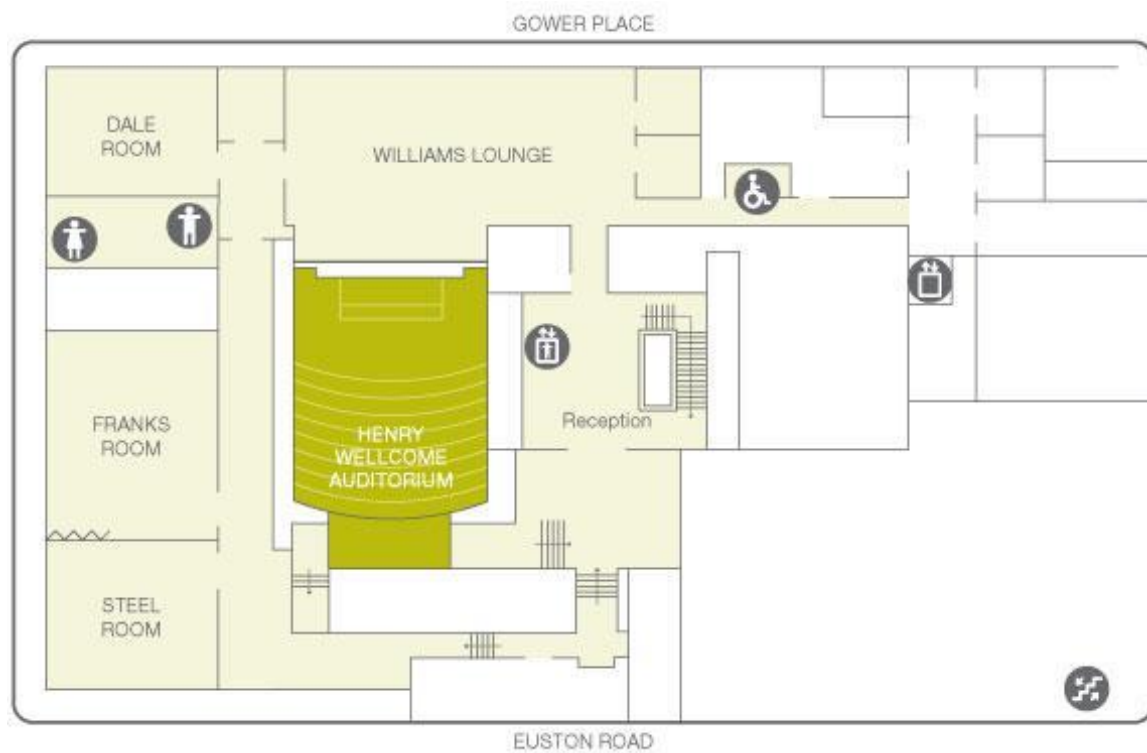| Name		Role	Organisation
Angela	Dappert	Head of Research and Practice	Digital Preservation Coalition
Sara	Day	Project Officer	DPC
Marco	De Niet	Director	NCDD / DEN
Ron	Dekker	Director Institutes, Finance and Infrastructure	Netherlands Organisation for Scientific Research (NWO)
Janet	Delve	Principal Lecturer	University of Portsmouth
Robert	Dickinson	Digital Access Officer	English Heritage Archive
Ingrid	Dillo	deputy director	DANS
Paul	Dudman	Archivist	University of East London
Luis	Faria	Innovation Director	KEEP SOLUTIONS
Ed	Fay	Executive Director	Open Planets Foundation
Miguel	Ferreira	CEO	KEEP SOLUTIONS
Ingmar	Folkmans	Project Manager, Publishing	Independent
Helen	Ford	Archive Manager	University of Warwick
Colm	Forde	AV Archivist	Freelance
Christopher	Fryer	Senior Digital Archivist	Houses of Parliament
Magdalena	Getler	Curation Services Officer	DCC, The University of Edinburgh
Lorna	Goodey	Information Architect	Barnardo's
Dolores	Grant	Digital Archivist	Digital Repository of Ireland
Jessica	Green	Digital Curator	Wiener Library for the Study of the Holocaust and Genocide
Neil	Grindley	4C Coordinator	Jisc
Jacqui	Gupta	Lead Technologist	BBC
Katarina	Haage	Scientific assistant	German National Library
Catherine	Hardman	Deputy Director	Archaeology Data Service
Michael	Harrison	Director	Scripti Limited
Jane	Harvell	Head of Academic Services and Special Collections	University of Sussex
Mike	Harwell	Vice President of Sales	HW Wilson & Historical Digital Archives
Birgit	Henriksen	Head of Digital Preservation	
Anna	Henry	Digital Preservation Manager	Tate
Lee	Hibberd	Digital Preservation Officer	National Library of Scotland
Sarah	Higgins	Lecturer	Aberystwyth University
Simon	Hodson	Executive Director	CODATA
Sarah	Horton	Archives Development Adviser	CyMAL: Museums Archives and Libraries Wales
Kathrine	Hougaard Edsen Johansen	Digital Preservation Officer	Danish National Archives
Vera	Hubers	Project assistant	NCDD
Melanie	Imming	Projects Manager	LIBER

Name		Role	Organisation
Charles	Inskip	Lecturer, Library and Information Studies	University College London
Carol	Jackson	Business Manager	DPC
Eduard	Jacob	Retired neurologist - psychiatrist	alumnus UVA en UU
Cassandra	Johnson	Archivist	Dorset History Centre
Margaret	Katny	Senior Media Manager	BBC Archives
Ulla Bogvad	Kejser	Preservation Specialist	The Royal Library, Denmark
William	Kilbride	Exec Director	DPC
Martine	King	Archive Manager	Barnardo's
Robin	Koning	Communications Specialist	Development Workshop (Angola/Canada)
Jaan	Krupp	digital archive specialist	National Library of Estonia
Chris	Lacinak	President	AVPreserve
Pip	Laurenson	Head of Collection Care Research/ Lead for Pericles and Presto4U for Tate	Tate
Louise	Lawson	Conservation Manager	Tate
Deborah	Leem	Digitisation Support Officer	Wellcome Trust
Juha	Lehtonen	Applications Architect	CSC - IT Centre for Science
Herve	L'Hours	Preservation Manager	UK Data Archive
Linda	Ligios	Community of Practice Coordinator (Presto4U)	King's College London
Ann	MacDonald	University Archivist	University of Kent
Rachel	MacGregor	Collections Curator	Library of Birmingham
Caroline	Martin	Digital Preservation Co-ordinator	University of Manchester Library
David	McElroy	Research Data Management Officer	University of East London
Sharon	McMeekin	Head of Training and Skills	Digital Preservation Coalition
Darryl	Mead	Deputy National Librarian	National Library of Scotland
Sarah	Middleton	Head of Communications and Advocacy	DPC
Jenny	Mitcham	Digital Archivist	University of York
Laura	Molloy	Researcher	DCC at University of Glasgow
Panagiotis	Papageorgiou	PhD candidate	University of Portsmouth
Naomi	Paulus	Account Manager	OCC
Maureen	Pennock	Head of Digital Preservation	British Library
Elisa	P. Barrett	Independent Digital Humanities Researcher	
Michael	Popham	Head of Digital Collections & Preservation Services	Bodleian Libraries, University of Oxford
Diogo	Proença	Researcher	INESC-ID
Marcel	Ras	Program Manager NCDD	NCDD
Menno	Rasch		National Library of the Netherlands
Joseph	Ripp	Librarian	National Portrait Gallery

Name		Role	Organisation
David	Rosenthal	Chief Scientist	LOCKSS Program, Stanford
Lynda	Ross	Digital Preservation Programme Manager	National Records of Scotland
Jill	Russell	Head of Digital Assets	University of Birmingham
Raivo	Ruusalepp	Director of Development	National Library of Estonia
Ben	Ryan	Senior Manager Research Outcomes	EPSRC
Madis	Saluveer	Head Dept of Research Funding	Estonian Research Council
Jamie	Shiers	Project Manager, Data Preservation for High Energy Physics	
Rebeccca	Short	Assistant Records Manager	University of Westminster
Barbara	Sierman	Digital Preservation Manager	KB National Library of the Netherlands
Diana	Sisu	Customer Relationship Manager	Digital Curation Centre
Patricia	Sleeman	Archivist	UNHCR
Victoria	Sloyan	Assistant Archivist - Collecting Genomics	Wellcome Library
Marius	Snyders	Managing Director	PrestoCentre
Paul	Stokes	4C Coordinator	Jisc
Armin	Straube	nestor manager	German National Library
Stephan	Strodl	Researcher	SBA Research
Catherine	Taylor	Head Archivist	Rothschild Foundation/National Trust
Rebekah	Taylor	Archivist & Special Collections Officer	University for the Creative Arts
Stephanie	Taylor	Senior Consultant, ULCC	ULCC
Alex	Thirifays	Digital preservation specialist	Danish National Archives
Wyn	Thomas	Librarian - CONSER Co-ordinator	National Library of Wales
Dave	Thompson	Digital Curator	Wellcome Library
Johan	van der Knijff	Digital Preservation Researcher	National Library of the Netherlands
Joost	van der Nat	researcher	NCDD
Benjamin	Veasey	Digital Preservation Officer	University of Warwick
Ricardo	Vieira	Researcher	IST/INESC-ID
Antoine	Villette	CTO	Musée Picasso Paris
Simon	Waddington	Research Fellow	King's College London
Ian	Wakeling	Records Archive and Data Protection Manager	Children's Society
Natalie	Walters	Archives Project Manager	Wellcome Library
David	Wang	Researcher	SBA Research
Becky	Westbrook	Preservation Team Coordinator	
Paul	Wheatley	Digital Preservation Consultant	Paul Wheatley Consulting Limited
Nicky	Whitsed	Director of Library Services	Open University
Lorna	Williams	Senior Archivist	Bank of England
Simon	Wilson	Senior Archivist	University of Hull
Andrew	Wilson	Senior Research Fellow	University of Portsmouth

Name		Role	Organisation
Kate	Wittenberg	Managing Director	Portico
Matthew	Woollard	Director	UK Data Archive
Kay	Young	Information Records Manager	PHSO
Karla	Youngs	National services director	Jisc

Venue information

Cloakrooms are available in the lobby outside the Williams Lounge, and on the ground floor.

Complimentary Wi-Fi is available throughout the venue. To access this, use the code:
autumn14

Remember to follow the conference and tweet using the hashtags:
#IIO2014, #4ceu, #DPC

Find out more…

The 4C Project

4C helps organisations across Europe to invest more effectively in digital curation and preservation. Research in digital preservation and curation has tended to emphasise the cost and complexity of the task in hand.

4C reminds us that the point of this investment is to realise a benefit, so our research must encompass related concepts such as 'risk', 'value', 'quality' and 'sustainability'. Organisations that understand this will be more able to effectively control and manage their digital assets over time, but they may also be able to create new cost-effective solutions and services for others.

Contact

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Web: www.4cproject.eu and www.curationexchange.org

The Digital Preservation Coalition

The Digital Preservation Coalition (DPC) exists to make our digital memory accessible tomorrow. The Coalition enables members to deliver resilient long-term access to digital content and services, helping them to derive enduring value from digital collections and raising awareness of the attendant strategic, cultural and technological challenges they face. We achieve our aims through advocacy, workforce development, capacity-building and partnership.

The DPC pursues four strategic objectives:
• A political and institutional climate responsive to the need for digital preservation.
• Competent and responsive workforces ready to address the challenges of digital preservation.
• Better tools, smarter processes and enhanced capacity in digital preservation.
• Closer and more productive collaboration within and beyond the Coalition.

Contact

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