



E-infrastructures and services for data preservation and curation

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Agenda



- ❑ **11:00-11:10** Introduction to the workshop (Antonella Fresa, Promoter Srl)
- ❑ **11:10-11:20** A roadmap for the preservation of digital cultural content (Borje Justrell, Riksarkivet)
- ❑ **11:20-11:30** The DCH-RP registry of services (Michal Jankowski, PSNC)
- ❑ **11:30-11:40** APARSEN structured list of services for digital preservation (Felix Engel, FTK)
- ❑ **11:40-11:50** Experimenting the use of e-infrastructures and services to manage and preserve cultural data (Michel Drescher, EGI.eu)
- ❑ **11:50-12:00** Keeping culture alive: participative storage and access solutions for cultural and research institutions (Hilke Arijs, KIK-IRPA)
- ❑ **12:00-12:10** Sustainability of digital preservation services in the long term (Ed Fay, Open Planets Foundation)
- ❑ **12:10-12:30** Discussion

Scope of the workshop



- ❑ To present the ongoing activities for the development of a **registry of services and tools** for digital preservation and to discuss how to sustain it after the end of the project
- ❑ To present **concrete use cases** of how these services can be used by memory institutions to store and manage their digital cultural resources
- ❑ To present the interim version of the **roadmap** for the long-term preservation of digital cultural content

Registry of services & tools for digital preservation

- ❑ **Aim:** to help DCH communities, institutions and projects to plan the implementation of their digital preservation processes
- ❑ **Content:** description of common user scenarios and information about the tools that may be used to implement them; assessments and reviews of most relevant tools

DCH-RP tools-registry v.3 final

139 sorted by: Name: then by... grouped as sorted

1. AccessToSiard (link)

Name: AccessToSiard
Web: <http://sourceforge.net/projects/accesstosiard/>
Category: file processing tool
Functionality: A collection of scripts to automatically convert MS Access files to the SIARD format.
Content type: documents
Usage: conversion
OAIS stage: ingest
Technology: Javascript
Project / institution: maintained
Status: maintained
Status comment:
Licence type: open source

DCH-RP registry

Knowledge base

List All Software

Link to more details	Short description	OAIS role	Objective
Text print software	Print simple text file	Use - rendering	Render text
PREMIS in METS (PIM) Toolbox	The Library of Congress and the Florida Center for Library Automation developed the PREMIS in METS (PIM) Toolbox. The project provides PREMIS:METS conversion and validation tools that support the implementation of PREMIS in the METS container format.	Preservation description information	
PLATO - Planets Preservation Planning Tool	Preservation planning tool for migration strategies checked with significant properties (TBC)	Preservation Planning	

APARSEN registry

Community Owned digital Preservation Tool Registry (COPTR)

COPTR describes tools useful for [preserving digital information for the long term](#). COPTR is also an initiative to collate the knowledge of the digital preservation community on presentation tools in one place. Instead of organisations competing against each other with their own registries, COPTR is bringing them together. In doing so it's objective is to provide the best resource for practitioners on digital preservation tools.

There are 368 different tools described in COPTR.

Browse the COPTR Registry

- View all tools
- View tools by functional category
- View tools by the type of content they act upon

How to create a new Tool Entry

- Check out these [Guidelines for contributing to COPTR](#).
- Search for the tool you want. Check the full name and the acronym!
- If you find it, consider adding more detail to the existing entry. If you don't find it, follow the link to create a new entry, which will automatically create a outline entry for your tool based on the [Tool Page Template](#).

COPTR Partners

The Digital Curation Centre (DCC) | The Digital Curation Exchange (DCE) | National Digital Stewardship Alliance (NDSA) | The Open Planets Foundation (OPF) | Preserving digital Objects With Restricted Resources project (POWRR)

COPTR registry

Experimenting with real data



- A number of **Proofs of Concept** have been set up in DCH-RP where cultural institutions experimented the actual use of distributed computing and storage infrastructures to store and manage cultural digital resources
- The experiments, which are currently ongoing and whose results are expected by September 2014, use services and tools developed by many projects

BELSPO PoC

Acronym: BELSPO Collections
 Name: Service Public Fédéral de Programmation Politique Scientifique
 Domain: Cultural Heritage

APPLICATION DESCRIPTION
 KIK-IRPA data (DCH-RP Proof of Concept)
 Description...

RESEARCH GROUP
 Antonio Calanducci (INFN Catania) - creation of the repository in the e-CSG
 Stephane Gerard (BELSPO)
 Rosette Vanderbroucke (BELSPO)

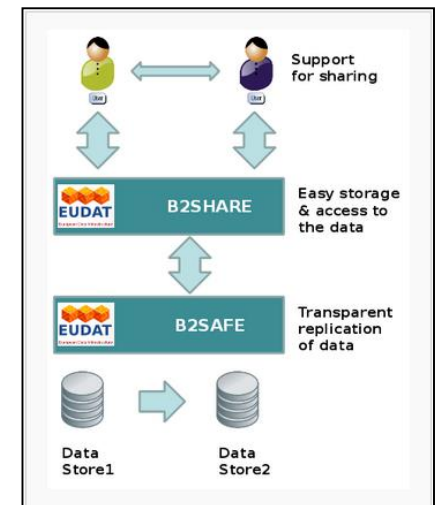
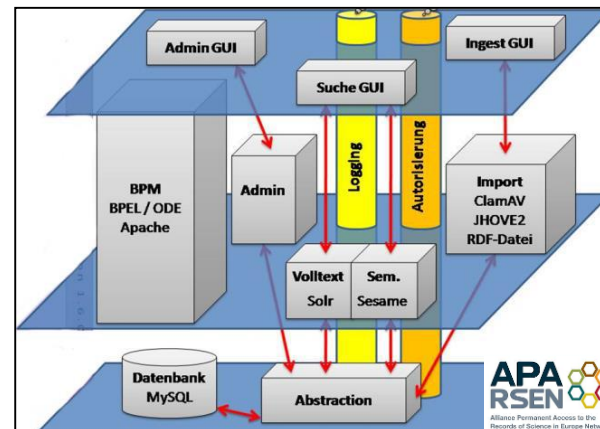
DCH-RP e-CSG

SCAPE
 Scalable Preservation Environments

News Tools

Planning and watch

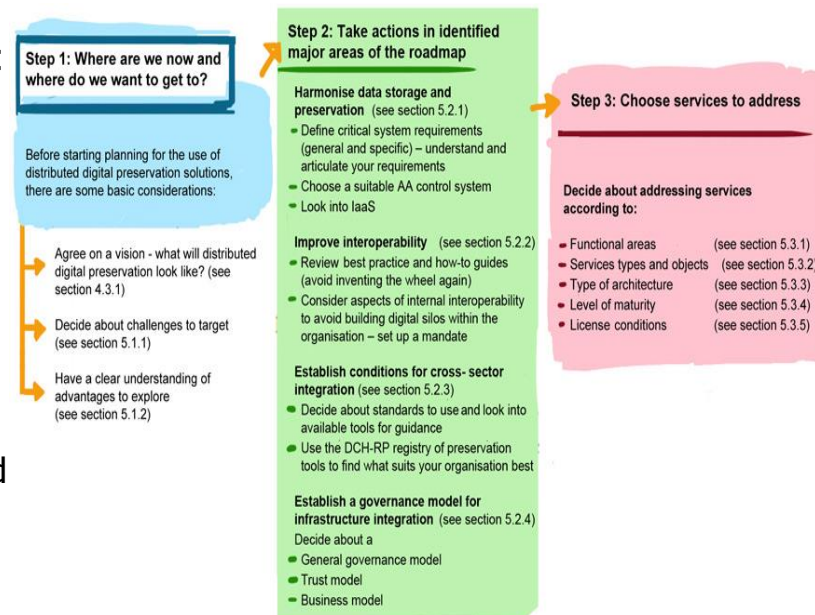
- C3PO:** Software tool for Clever, Crafty Content Profiling of Objects
View leaflet text
- Plato:** Preservation planning tool
View leaflet text
- SCOUT:** Preservation watch system
View leaflet text



A Roadmap for long-term preservation of DCH



- **Aim:** help policy makers and programme owners to plan ahead and assist managerial teams of cultural institutions in taking decisions related to digital preservation and to support cultural heritage institutions in defining practical action plan with a realistic time frame for its implementation
- **Areas:**
 - Harmonisation of data storage and preservation: to integrate in common environments the curation of research data with other digital objects
 - Improve interoperability: to integrate preservation requirement at all stages of digitisation and online access
 - Cross-sector integration: to maximise successful solutions efficiency, knowledge and know-how transfer
 - Governance models: to favour successful institutional participation in larger e-infrastructure initiatives, aggregation and re-use of digital resources.
- The **final version** will be published as a handbook by the end of September 2014, taking into account all the feedback received



Next appointments



□ June 3rd-4th, 2014 – Stockholm

- Joint DCH-RP/EUDAT workshops on digital preservation
- <http://www.digitalmeetsculture.net/article/joint-dch-rpeudat-workshops-on-digital-preservation/>

□ September 8th, 2014 – London

- Workshop “Digital preservation sustainability on the EU policy level”
- <http://www.digitalmeetsculture.net/article/digital-preservation-sustainability-on-the-eu-policy-level/>

Follow us!



<http://www.digitalmeetsculture.net/heritage-showcases/dch-rp/>

The screenshot shows the homepage of the Digital Meets Culture website. At the top, it says 'PROMOTER DIGITAL CULTURE' and 'Wednesday, 14 May 2014'. There are navigation links for Home, Our Mission, Events, Register / Edit Profile, Contacts, People, and Sitemap. The main header features the 'DIGITAL MEETS HERITAGE' logo. Below this, there are sections for 'Login' with fields for Username and Password, and a 'Send your NEWS' button. There is also a 'Free text' search bar. The 'Upcoming events' section lists several conferences: IST-Africa 2014 (Mauritius, May 2014), IST-Africa 2014 Conference (Rome, 16 May 2014), and EGI Community Forum 2014 (Helsinki, 19 - 23 May 2014). The central content area is titled 'PRESENTATION OF THE PROJECT' and features a colorful graphic of a bird. It describes the 'DIGITAL CULTURAL HERITAGE, ROADMAP FOR PRESERVATION' as a coordination action project. Below this, there are two call-to-action boxes: 'AUTHENTICATION AND AUTHORISATION IN THE CULTURAL HERITAGE COMMUNITY' and 'PROOF OF CONCEPT: A MARKET FOR THE INFRASTRUCTURE SERVICES'. The right sidebar contains 'EDITORIALS', 'INTERVIEWS', and 'NEWSLETTERS' sections. At the bottom, there are logos for 'E|SPACE', 'PREFORMA', and 'RICHES'.



Workshop organised by DCH-RP in the frame of the EGI Community Forum in Helsinki

E-infrastructures and services for data preservation and curation @ EGI CF 2014, Helsinki

Aim of this workshop is to present the first concrete results of the cooperation between different projects aimed to the development of a joint registry of services and tools for the long-term preservation of digital data and to demonstrate how these services can be tested and used by memory institutions. [Continue reading →](#)



Tallinn, 23-24 April 2014

DCH-RP e-Infrastructure Concertation Workshop

The meeting represented a very good opportunity to discuss in more detail the strategy and recommendations presented in the DCH-RP roadmap for preservation and how to prepare for future cooperation. Expected outcome is a concrete and endorsed plan for the exploitation of the results from the DCH-RP Proof of Concepts. [Continue reading →](#)



Dresden, 10 September 2014

DCH-RP @ CIDOC 2014 Conference

The CIDOC Conference 2014 committee has accepted the proposal to present a paper on the DCH-RP Roadmap at the CIDOC 2014 Conference in Dresden. The presentation will be given in the session Session G/1, Digital Long Term Preservation on Tuesday 9th September 2014 and the paper will be published in the conference proceedings. [Continue reading →](#)



Canoán, Mexico, 26-28 May 2014

TICAL2014 Conference

The TICAL Conference is the place where the community come together, which is feed primarily with the experiences, knowledge and initiatives presented by universities, providing significant and unprecedented solutions around ICT topics for higher education institutions in all the areas of the university labor. [Continue reading →](#)



Gothenburg, 25-26 March 2014

Chalmers Initiative Seminar on Big Data

Everywhere we look, the quantity of data is exponentially growing, fueled by the pervasive diffusion of digitalization in modern life. The fields of science, engineering, technology and even social sciences and humanities are undergoing a profound transformation to a data ... [Continue reading →](#)



Dublin, 19 - 22 May 2014

TERENA Networking Conference 2014: Networking with the World

The TERENA Networking Conference (TNC) is the largest and most prestigious European research networking conference, with more than 650 participants attending this annual event. TNC brings together decision makers, managers, networking and collaboration specialists, and identity and access management experts ... [Continue reading →](#)



Stockholm, 3-4 June 2014

Joint DCH-RP/EUDAT workshops on digital preservation

On the 3rd and 4th of June 2014, the National Archives of Sweden will host in Stockholm two workshops organised by DCH-RP in cooperation with EUDAT on the theme of digital preservation of cultural data. The first one will focus on the roadmap for the long-term preservation of DCH, while the second one will discuss the trust issues to be addressed. [Continue reading →](#)



Workshop organised on September 8th, 2014 in London in the frame of the JCDL/TPDL Conference

Digital preservation sustainability on the

EU policy level

The main objective of the workshop is to provide an overview of solutions to challenges within Digital Preservation Sustainability developed by current and past Digital Preservation research projects. The event brings together various EU projects/initiatives to present their solutions and approaches, and to find synergies between them. [Continue reading →](#)



Thank you!

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