



Digital cultural heritage and e-infrastructures: the DCH-RP project

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CULTURALI

In the next twenty minutes.....



- Who we are and what we do
- Something about the e-infrastructures and the long term preservation
- **DCH-RP: Digital Cultural Heritage Roadmap for preservation**



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ICCU: Services Departments and Projects



Services

1. Administrative Service
2. Service for the cultural promotion

Departments

1. Standards rules for cataloguing and digitisation
2. National Library Service (SBN)
3. Bibliographic information and activities, Registry of the Italian libraries
4. Digitisation and access to documents
5. Activities concerning bibliography, cataloguing and census of the ancient book
6. Census and management of the Italian bibliography of manuscripts



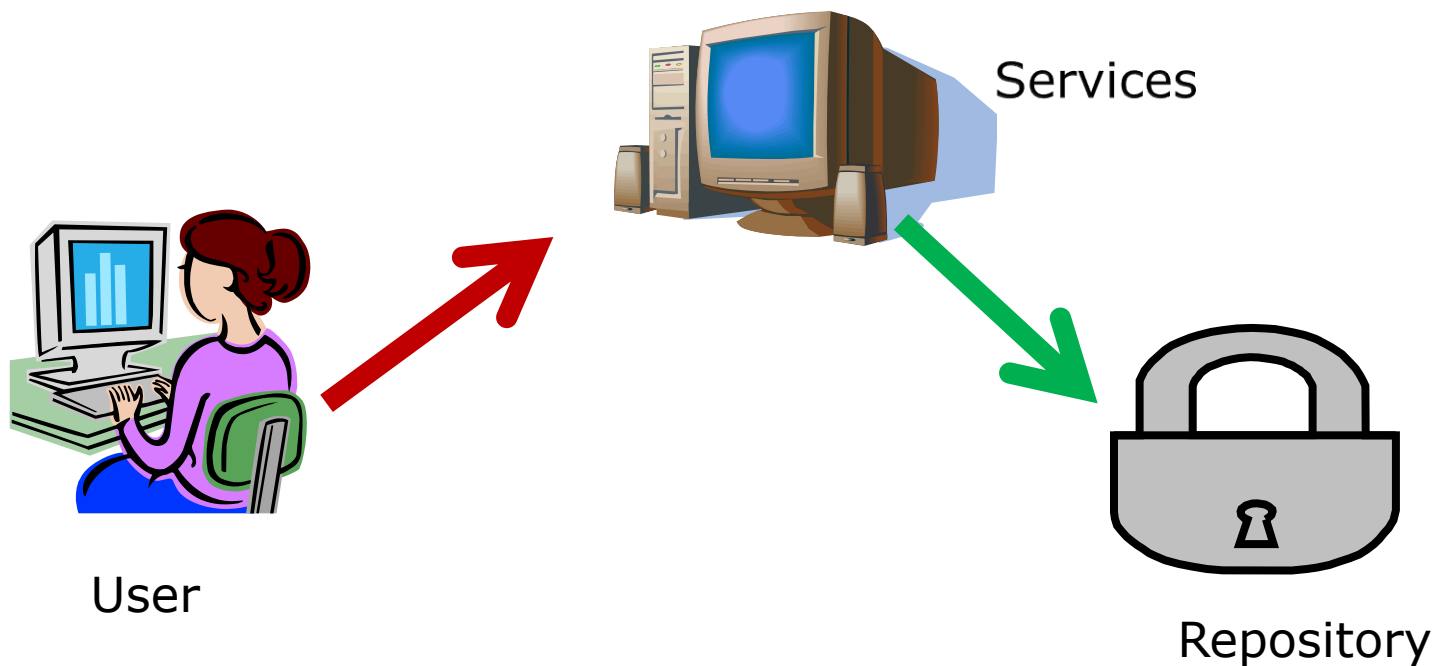
ICCU: Services Departments and Projects



- ❑ Internet Culturale
- ❑ CulturaItalia
- ❑ Europeana (Italian partic.)
- ❑ World Digital Library (Italian partic.)
- ❑ European projects



E-CSG: a tool for CH community



E-Infrastructures



- The [JSR 168](#) and [JSR 286](#) standards (also known as "portlet 1.0" and "portlet 2.0" standards) for the web interface
- The [OASIS Security Assertion Markup Language](#) (SAML) standard and its [Shibboleth](#) and [SimpleSAMLphp](#) implementations for authentication
- The Lightweight Direct Access Protocol and its [OpenLDAP](#) implementation for authorisation
- The [Cryptographic Token Interface Standard](#) (PKCS#11) standard and its Cryptoki implementation for Grid transactions
- The [Open Grid Forum](#) (OGF) [Simple API for Grid Applications](#) (SAGA) standard and its [JSAGA](#) implementation for middleware interface



DCH-RP: Digital Cultural Heritage Roadmap for Preservation



- ❑ DC-NET: joint activities plan for DCH e-infrastructure implementation
- ❑ INDICATE: international cooperation, use case studies, pilots, policy harmonisation
- ❑ DCH-RP: developing and validating a Roadmap for digital preservation



DCH-RP: Digital Cultural Heritage Roadmap for Preservation



<input type="checkbox"/>	ICCU	Italy
<input type="checkbox"/>	RIKSARKIVET	Sweden
<input type="checkbox"/>	BELSPO	Belgium
<input type="checkbox"/>	EVK	Estonia
<input type="checkbox"/>	COLLECTIONS TRUST	United Kingdom
<input type="checkbox"/>	PROMOTER	Italy
<input type="checkbox"/>	EGI.eu	the Netherlands
<input type="checkbox"/>	INFN	Italy
<input type="checkbox"/>	PSNC	Poland
<input type="checkbox"/>	NIIFI	Hungary
<input type="checkbox"/>	EDItEUR	United Kingdom
<input type="checkbox"/>	TERENA	the Netherlands
<input type="checkbox"/>	MICHAEL CULTURE	Belgium



The preservation Roadmap: WP3 (NRA leader)



- ❑ To identify key characteristics and requirements for a preservation Roadmap for DCH
- ❑ To develop a registry of services and tools
- ❑ To investigate how Infrastructure as Service can contribute to digital preservation services for DCH
- ❑ To design and validate the preservation Roadmap for DCH



Proofs of concept: WP5 (EGI leader)



- ❑ **Italy** with e-Infrastructure facilities provided by **INFN** and data provided by **ICCU**
- ❑ **Poland** with e-Infrastructure facilities and data provided by **PSNC**
- ❑ **Hungary** with e-Infrastructure facilities provided by **NIIFI** and data provided by Hungarian Cultural Institutions that will cooperate with NIIFI
- ❑ **Sweden, Belgium and Estonia**, with e-Infrastructure facilities provided by the respective National Grid Initiatives exploiting the Memorandum of Understanding signed in the frame of DC-NET and data provided by DCH-RP partners



Target Audience: so join us!



- ❑ Content providers
- ❑ Policy makers and programme owners
- ❑ End users accessing the resulting DCH infrastructure to access data that content providers make available for subsequent research.

www.dch-rp.eu





Thank you

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