

**Rebiun, Línea 3. Objetivo operativo 1.2. Recopilar normas internacionales sobre procedimientos de digitalización y preservación digital.**

## Relación de recursos evaluados

### Índice

1. Documento: Preservación digital: Guía de recursos (Rebiun 2009)
  2. Selección de recursos de Charles W. Bailey, Jr. (2012) Digital Curation Resource Guide
    - 2.1. Formatos de fichero y directrices
    - 2.2. Estándares de metadatos y vocabularios
    - 2.3. Modelos
    - 2.4. Organizaciones
  3. Otros recursos
- 

### 1. Documento: Preservación digital: Guía de recursos (Rebiun 2009)

[http://www.rebiun.org/doc/Guia\\_preservacion.pdf](http://www.rebiun.org/doc/Guia_preservacion.pdf)

Biblioteca Nacional de Australia (2003)

Directrices para la preservación del patrimonio digital

<http://unesdoc.unesco.org/images/0013/001300/130071s.pdf>

IFLA (Apéndices A, B y C de la traducción española) (2008)

<http://archive.ifla.org/VII/s19/pubs/digit-guide-es.pdf>

[http://travesia.mcu.es/documentos/pautas\\_digitalizacion.pdf](http://travesia.mcu.es/documentos/pautas_digitalizacion.pdf)

Apéndice A: Borrador de prescripciones técnicas para digitalizar colecciones de patrimonio bibliográfico (actualizado cada año)

Consorci de Biblioteques Universitàries de Catalunya. Estándares de digitalización: requerimientos mínimos (actualizado en octubre de 2010)

<http://dglab.cult.gva.es/Archivos/Pdf/CBUC1010EstandaresDigitalizacion.pdf>

UNESCO

Carta para la preservación del patrimonio digital (2003)

<http://www.unesco.org/new/en/communication-and-information/access-to-knowledge/preservation-of-documentary-heritage/>

Administrative Metadata for Digital Still Images / Harvard University Library (2002-2004)

<http://hul.harvard.edu/ois/support/docs-digpres.html>

Data Dictionary - Technical Metadata for Digital Still Images / NISO (2006)

[http://www.niso.org/apps/group\\_public/download.php/6502/](http://www.niso.org/apps/group_public/download.php/6502/)

DRS

Digital Repository Services Digital Repository Services User Manual for Data Loading / Harvard University Library (revisado en 2009)

[http://hul.harvard.edu/ois/systems/drs/load\\_manual/drs\\_load\\_manual.pdf](http://hul.harvard.edu/ois/systems/drs/load_manual/drs_load_manual.pdf)

FAD Guidelines Initiative (2009)

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

ISO (OAIS) (2012)

<http://public.ccsds.org/publications/archive/650x0m2.pdf>

METS (2007)

Metadata Encoding & Transimission Standard / Library of Congress

<http://www.loc.gov/standards/mets/>

[http://www.loc.gov/standards/mets/METSOverview\\_spa.html](http://www.loc.gov/standards/mets/METSOverview_spa.html) (en español)

MODS (2002), Versión 3.3 (2009)

Metadata Object Description Schema / Library of Congress

<http://www.loc.gov/standards/mods/>

NARA technical guidelines for digitizing archival materials for electronic access (2004)

<http://www.archives.gov/preservation/technical/guidelines.pdf>

OAI-PMH: The Open Archives Initiative Protocol for Metadata Harvesting [Protocol Version 2.0]

<http://www.openarchives.org/OAI/openarchivesprotocol.html>

PREMIS Data Dictionary version 2.0

<http://www.loc.gov/standards/premis/v2/premis-2-0.pdf>

<http://www.mcu.es/bibliotecas/MC/PREMIS/Presentacion.html>

Preservation Management of Digital Materials: A Handbook / DPC (Digital Preservation Coalition)

<http://www.dpconline.org/graphics/handbook/>

Recommendation for Space Data System Standard "Reference Model for an Open Archival Information System" CCSDS 650.0- B-1 Blue Book

<http://public.ccsds.org/publications/archive/650x0b1.pdf>

Safeguarding Australia's web resources: guidelines for creators and publishers / National Library of Australia

<http://www.nla.gov.au/guidelines/webresources.html>

TRAC (Trustworthy Repositories Audit & Certification: Criteria and Checklist)

<http://www.crl.edu/content.asp?l1=13&l2=58&l3=162&l4=91>

Web at Risk collection planning guidelines / Kathkeen R. Murray; Inga K. Hiesh (2006).

[http://www.digitalpreservation.gov/partners/web-atrisk/high/cpg\\_final\\_31may2006.pdf](http://www.digitalpreservation.gov/partners/web-atrisk/high/cpg_final_31may2006.pdf)

CAMiLEON: Creative Archiving at Michigan and Leeds Emulating the Old On the New

<http://www.si.umich.edu/CAMiLEON>

CASPAR (Cultural, Artistic and Scientific Knowledge for Preservation, Access and Retrieval)

<http://www.casparpreserves.eu/>

CEDARS: curl exemplars in digital archives

<http://www.leeds.ac.uk/cedars>

CLOCKSS

[http://edina.ac.uk/projects/clockss\\_summary.html](http://edina.ac.uk/projects/clockss_summary.html)

DCC (Digital Curation Centre)

<http://www.dcc.ac.uk>

DELOS (Network of Excellence on Digital Libraries)

<http://www.delos.info>

DLF (Digital Library Federation)

<http://www.diglib.org>

DPE (Digital Preservation Europe)

<http://www.digitalpreservationeurope.eu>

Economics of digital preservation: a project of OCLC Research

<http://www.oclc.org/research/projects/digipres/economics.htm>

ERPANET: Electronic Resource Preservation and Access NETWORK

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

IFLA. Preservation and Conservation Section

<http://www.ifla.org/VII/s19/index.htm>

IIPC (International Internet Preservation Consortium)

<http://netpreserve.org/about/index.php>

Kopal: Kooperativer Aufbau eines Langzeitarchivs digitaler Informationen

<http://kopal.langzeitarchivierung.de/index.php.en>

Memory of the World - Preserving Our Digital Heritage / UNESCO

[http://portal.unesco.org/ci/en/ev.php-URL\\_ID=1538&URL\\_DO=DO\\_TOPIC&URL\\_SECTION=201.html](http://portal.unesco.org/ci/en/ev.php-URL_ID=1538&URL_DO=DO_TOPIC&URL_SECTION=201.html)

NDIIPP: National Digital Information Infrastructure and Preservation Program

<http://www.digitalpreservation.gov>

NESTOR (Network of Expertise in Long-Term Storage of Digital Resources)

<http://www.langzeitarchivierung.de/index.php?newlang=eng>

PADI: Preserving Access to Digital Information / National Library of Australia

<http://www.nla.gov.au/padi/>

PLANETS (Preservation and Long-term Access through Networked Services)

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

## **2. Selección de recursos de Charles W. Bailey, Jr. (2012) Digital Curation Resource Guide**, disponible en: <http://digital-scholarship.org/dcrg/dcrg.htm>

### **2.1. Formatos de fichero y directrices**

CDL Digital File Format Recommendations: Master Production Files  
[http://www.cdlib.org/gateways/docs/cdl\\_dffr.pdf](http://www.cdlib.org/gateways/docs/cdl_dffr.pdf)

Digitization Guidelines (University of Virginia Library)  
<http://guides.lib.virginia.edu/content.php?pid=40437&sid=297543>

Federal Agencies Digitization Guidelines Initiative  
<http://www.digitizationguidelines.gov/>

Embedding Metadata in Digital Audio Files Guideline for Federal Agency Use of Broadcast WAVE Files / Federal Agencies Audio-Visual Working Group (abril 2012)  
[http://www.digitizationguidelines.gov/audio-visual/documents/Embed\\_Guideline\\_20120423.pdf](http://www.digitizationguidelines.gov/audio-visual/documents/Embed_Guideline_20120423.pdf)

Audio Analog-to-Digital Converter Performance Specification and Test Method Guideline (High Level Performance) / The FADGI Audio-Visual Working Group Agosto 2012  
[http://www.digitizationguidelines.gov/audio-visual/documents/ADC\\_performGuide\\_20120820.pdf](http://www.digitizationguidelines.gov/audio-visual/documents/ADC_performGuide_20120820.pdf)

Basic Guidelines for Minimal Descriptive Embedded Metadata in Digital Images by EMDaWG (Embedded Metadata Working Group – Smithsonian Institution) April 2010 FADGI Still Image Working Group  
<http://www.digitizationguidelines.gov/guidelines/GuidelinesEmbeddedMetadata.pdf>

File Formats & Guidelines (Harvard Library Technology Services)  
<http://hul.harvard.edu/ois/digpres/guidance.html>

File Formats Table (UK Data Archive)  
<http://www.data-archive.ac.uk/create-manage/format/formats-table>

Frequently Asked Questions (FAQ) about Digital Audio and Video Records (National Archives)  
<http://www.archives.gov/records-mgmt/initiatives/dav-faq.html>

Guidelines for a Long-term Preservation Strategy for Digital Reproductions and Metadata (Digitising Contemporary Art project)  
[http://www.dca-project.eu/images/uploads/news\\_activities/DCA\\_D61\\_Guidelines\\_Long\\_Term\\_Preservation\\_Strategy\\_20120213\\_V1.pdf](http://www.dca-project.eu/images/uploads/news_activities/DCA_D61_Guidelines_Long_Term_Preservation_Strategy_20120213_V1.pdf)

Guidelines on the Production and Preservation of Digital Audio Objects (Web Edition) (International Association of Sound and Audiovisual Archives)  
<http://www.iasa-web.org/tc04/audio-preservation>

Guides to Good Practice (Archaeology Data Service and Digital Antiquity)  
<http://guides.archaeologydataservice.ac.uk/g2gp/Main>

Mediapedia: Physical Format Carrier Resource

<http://mediapedia.nla.gov.au/home.php>

PRONOM

<http://www.nationalarchives.gov.uk/PRONOM/Default.aspx>

Sustainability of Digital Formats: Planning for Library of Congress Collections

<http://www.digitalpreservation.gov/formats/fdd/descriptions.shtml>

Technical Guidelines for Digital Cultural Content Creation Programmes (MINERVA EC)

<http://www.minervaeurope.org/publications/MINERVA%20TG%202.0.pdf>

Unified Digital Format Registry (UDFR)

<http://udfr.org/>

VideoPreservation Website

<http://videopreservation.conservacion-us.org/index.html>

## **2.2. Estándares de metadatos y vocabularios**

ANSI/NISO Z39.87-2006, Data Dictionary—Technical Metadata for Digital Still Images

[http://www.niso.org/apps/group\\_public/project/details.php?project\\_id=69](http://www.niso.org/apps/group_public/project/details.php?project_id=69)

Astronomy Visualization Metadata (AVM) Standard

[http://www.virtualastronomy.org/AVM\\_DRAFTVersion1.1\\_rlh27.pdf](http://www.virtualastronomy.org/AVM_DRAFTVersion1.1_rlh27.pdf)

audioMD and videoMD

<http://www.loc.gov/standards/amdvmd/index.html>

Categories for the Description of Works of Art

[http://www.getty.edu/research/publications/electronic\\_publications/cdwa/index.html](http://www.getty.edu/research/publications/electronic_publications/cdwa/index.html)

Content Standard for Digital Geospatial Metadata

<http://www.fgdc.gov/standards/projects/FGDC-standards-projects/metadata/base-metadata/index.html>

Darwin Core

<http://rs.tdwg.org/dwc/index.htm>

Data Documentation Initiative

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

Directory Interchange Format (DIF) Writer's Guide

<http://gcmd.nasa.gov/User/difguide/difman.html>

Ecological Metadata Language

<http://knb.ecoinformatics.org/software/eml/>

EDM. Europeana Data Model

<http://pro.europeana.eu/edm-documentation>

ETD-MS v1.1: An Interoperability Metadata Standard for Electronic Theses and Dissertations  
<http://www.ndltd.org/standards/metadata>

Fedora Object XML (FOXML)  
<http://fedora-commons.org/download/2.0/userdocs/digitalobjects/introFOXML.html>

ISO 19115:2003: Geographic information—Metadata  
[http://www.iso.org/iso/catalogue\\_detail.htm?csnumber=26020](http://www.iso.org/iso/catalogue_detail.htm?csnumber=26020)

ISO 23081-2:2009, Information and Documentation—Managing Metadata for Records—Part 2: Conceptual And Implementation Issues, Metadata Implementation Guidelines for Digitised Contemporary Artworks (Digitising Contemporary Art project) [http://www.dca-project.eu/images/uploads/news\\_activities/DCA\\_D31\\_Metadata\\_Implementation\\_Guidelines\\_20120120\\_V1\\_1.pdf](http://www.dca-project.eu/images/uploads/news_activities/DCA_D31_Metadata_Implementation_Guidelines_20120120_V1_1.pdf)

Metadata Models, Interoperability Gaps and Extensions to Preservation Metadata Standards (covers AV metadata)  
[http://www.prestocentre.org/system/files/library/resource/metadata\\_models\\_v1.01.pdf](http://www.prestocentre.org/system/files/library/resource/metadata_models_v1.01.pdf)

Open Archives Initiative Object Reuse and Exchange  
<http://www.openarchives.org/ore/>

PBCore, Public Broadcasting Metadata Dictionary Project  
<http://www.pbcore.org/>

Registry Interchange Format—Collections and Services (RIF-CS)  
<http://globalregistries.org/rifcs.html>

Scholarly Works Application Profile  
[http://www.ukoln.ac.uk/repositories/digirep/index/Scholarly\\_Works\\_Application\\_Profile](http://www.ukoln.ac.uk/repositories/digirep/index/Scholarly_Works_Application_Profile)

Seeing Standards: A Visualization of the Metadata Universe (Jenn Riley)  
<http://www.dlib.indiana.edu/~jenlrile/metadatamap/>

SEPIADES. Recommendations for Cataloguing Photographic Collections  
<http://www.ica.org/7363/paag-resources/sepiades-recommendations-for-cataloguing-photographic-collections.html>

Standards at the Library of Congress  
<http://www.loc.gov/standards/>

TEI: Text Encoding Initiative  
<http://www.tei-c.org/index.xml>

VRA Core  
<http://www.vraweb.org/projects/vracore4/index.html>

XFDU  
<http://sindbad.gsfc.nasa.gov/xfdu/>

### **2.3. Modelos**

DCC Curation Lifecycle Model (Digital Curation Centre)

<http://www.dcc.ac.uk/resources/curation-lifecycle-model>

DCC&U: An Extended Digital Curation Lifecycle Model

<http://www.ijdc.net/index.php/ijdc/article/view/100>

ISO 14721:2003, Space Data and Information Transfer Systems – Open Archival Information System – Reference Model (OAIS)

[http://www.iso.org/iso/catalogue\\_detail.htm?csnumber=24683](http://www.iso.org/iso/catalogue_detail.htm?csnumber=24683)

Research Data Lifecycle (UK Data Archive)

<http://www.data-archive.ac.uk/create-manage/life-cycle>

Review of Data Management Lifecycle Models

<http://opus.bath.ac.uk/28587/>

### **2.4. Organizaciones**

Alliance for Preservation Access

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

Australian National Data Service

<http://ands.org.au/index.html>

Council on Library and Information Resources (CLIR)

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

Data Conservancy

<http://dataconservancy.org/>

Digital Preservation Coalition

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

Digital Preservation Outreach & Education, Library of Congress

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

e-Depot, Koninklijke Bibliotheek

<http://www.kb.nl/hrd/dd/index-en.html>

Independent Media Arts Preservation, Inc. (IMAP)

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

International Internet Preservation Consortium

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

Inter-university Consortium for Political and Social Research

<http://www.icpsr.umich.edu/icpsrweb/ICPSR/curation/index.jsp>

JISC

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

National Digital Information Infrastructure and Preservation Program, Library of Congress

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

National Digital Stewardship Alliance

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

Open Planets Foundation

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

UK Data Archive

<http://www.data-archive.ac.uk/>

University of California Curation Center

<http://www.cdlib.org/services/uc3/>

### **3. Otros recursos**

Guía de la aplicación de la Norma Técnica de Interoperabilidad: Digitalización de documentos (Ministerio de Política Territorial y Administración Pública)

[http://www.mpt.gob.es/dms/es/publicaciones/centro\\_de\\_publicaciones\\_de\\_la\\_sgt/GUIAS\\_NT/!text\\_es\\_files/Guia\\_digitaliz-documentos-INTERNET.pdf](http://www.mpt.gob.es/dms/es/publicaciones/centro_de_publicaciones_de_la_sgt/GUIAS_NT/!text_es_files/Guia_digitaliz-documentos-INTERNET.pdf)

Recomendaciones Técnicas para la digitalización de documentos (Junta de Andalucía)

[http://www.juntadeandalucia.es/culturaydeporte/archivos\\_html/sites/default/contenidos/general/Recomendaciones\\_Tecnicas/RecomendacionesTecnicas/001\\_Recomendaciones\\_txcnicas\\_digitalizacion.pdf](http://www.juntadeandalucia.es/culturaydeporte/archivos_html/sites/default/contenidos/general/Recomendaciones_Tecnicas/RecomendacionesTecnicas/001_Recomendaciones_txcnicas_digitalizacion.pdf)

Declaración de Vancouver. La Memoria del Mundo en la era digital: Digitalización y preservación (UNESCO/UBC)

[http://www.unesco.org/new/fileadmin/MULTIMEDIA/HQ/CI/CI/pdf/mow/unesco\\_ubic\\_vancouver\\_declaration\\_es.pdf](http://www.unesco.org/new/fileadmin/MULTIMEDIA/HQ/CI/CI/pdf/mow/unesco_ubic_vancouver_declaration_es.pdf)

Agenda digital europea

<http://eur-lex.europa.eu/LexUriServ/LexUriServ.do?uri=COM:2010:0245:FIN:es:PDF>

Agenda Digital para España

<https://agendadigital.gob.es/>

Recomendación de la Comisión de 27 de octubre de 2011 sobre la digitalización y accesibilidad en línea del material cultural y la conservación digital

<http://eur-lex.europa.eu/LexUriServ/LexUriServ.do?uri=OJ:L:2011:283:0039:0045:ES:PDF>

Mapa de digitalización. Observatorio Vasco de la Cultura (versión 0, septiembre 2011)

<http://www.kulturklik.euskadi.net/wp-content/uploads/2011/11/Mapa-digitalizaci%C3%B3n-Versi%C3%B3n-0.pdf>



Estàndars de digitalizació: requeriments mínims. Biblioteca de Catalunya, Consorci de Biblioteques Universitàries de Catalunya (CBUC), Col·legi Oficial de Bibliotecaris-Documentalistes de Catalunya (COBDC) (actualizado marzo 2013)  
<http://www.cobdc.org/publica/normativa/estandardsRM.pdf>

Proceso de Digitalización en la Biblioteca Nacional de España. Biblioteca Digital Hispánica (versión 3.0 enero 2011)  
[http://www.bne.es/es/Catalogos/BibliotecaDigital/docs/ProcesoDigitalizacionBNE\\_10012011\\_version3.pdf](http://www.bne.es/es/Catalogos/BibliotecaDigital/docs/ProcesoDigitalizacionBNE_10012011_version3.pdf)