



eArchiving in Portugal Workshop

José Borbinha, The eArchiving Initiative

Tuesday 25th February 2025
IST, Lisbon

Internet Archive

Search the history of over 916 billion web pages on the Internet.

Wayback Machine

Internet Archive is a non-profit library of millions of free texts, movies, software, music, websites, and more.

Archive News

Public Domain Spotlight: R...
Vandalism Culture: Punch C...
Update on the 2024/2025 E...
Term Web Archive

New to the Archive?

How to search the...
How to download files...
Listening to music on the...

ARQUIVOPT

Palavras ou URL

Pesquisar

1991 1 Age 2025 24 Feb

Prémio Arquivo.pt 2025

Prémio arquivo.pt 2025

VIAJE NO TEMPO

E GANHE 10.000€

SAIBA MAIS

Testemunhos de utilizadores

Pacheco Pereira fala do Arquivo.pt

Sugira

ArchivePageNow

Arquive uma página imediatamente

IIPC

INTERNATIONAL INTERNET PRESERVATION CONSORTIUM

National Library of Norway

IIPC GENERAL ASSEMBLY & WEB ARCHIVING CONFERENCE
OSLO, 8-10 APRIL 2025 | NETPRESERVE.ORG/GA2025

IIPC netpreserve.org

Learn more about the events

IIPC Members

Members are organizations from over 35 countries, including national, university and regional libraries and archives.

Working groups

IIPC members join working groups that engage in short and long-term projects, e.g. creating training materials or collaborative collections, to advance the practice of web archiving.

Events

Our community comes together annually to share experiences and present solutions during the Web Archiving Conference and the General Assembly and participates in online events throughout the year.

Projects

The IIPC collaborates on research and development projects by sharing data and testing tools.

Funding

The IIPC funds projects based on the goals outlined in an annual Request for Proposals and in our Strategic Plan.

Case studies

Persistent linking, text mining, analysis of technology trends are among case studies on use of archiving the web.

ISO

Standard

Standard

Store

ISO 28500:2017

Information and documentation -- WARC file format

Preview

ISO 28500:2017 specifies the WARC file format:

- to store both the payload content and control information from mainstream Internet application layer protocols, such as the HTTP, DNS, and FTP;
- to store arbitrary metadata linked to other stored data (e.g. subject classifier, discovered language, encoding);
- to support data compression and maintain data record integrity;

International Organization for Standardization

Great things happen

Standards catalogue

Publications and products

Store Standards catalogue Browse by ICS 01 01.140 01.140.20 ISO/TR 14873:2013

ISO/TR 14873:2013

Information and documentation -- Statistics and quality issues for web archiving

Preview

ISO/TR 14873:2013 defines statistics, terms and quality criteria for Web archiving. It considers the needs and practices across a wide range of organisations such as libraries, archives, museums, research centres and heritage foundations.

ISO/TR 14873:2013 is Intended for professionals directly involved in Web archiving. It is also useful for Web archiving institutions' funding authorities and external stakeholders. The terminology used in ISO/TR 14873:2013 attempts to reflect the wide range of interests and expertise of the audiences, striking a balance between computer science, management and librarianship.

academydigitalpreservationforum.org

DIGITAL PRESERVATION FORUM

OUR MISSION PILLARS RESOURCES COMMUNITY

RESEARCH

Digital Preservation Timeline

The Digital Preservation Timeline (DPT) presented here provides a timeline-oriented bibliography of significant contributions in digital preservation history with a focus on technologies, restoration projects, software tools, companies and individuals. The objective was to collect information on technological history, along with evolving opinions and theories related to digital preservation documenting the advancement of digital preservation...

HOW TO PRESERVE

File Systems and the Cloud for Digital Archival of Motion Picture Assets

1. Introduction Motion picture productions generate vast amounts of digital data. To provide a sense of scale, imagine a motion...

HOW TO PRESERVE

Digital Storage Considerations and Devices for Archiving Motion Picture Assets

Join IEEE | IEEE.org | IEEE Xplore Digital Library | IEEE Standards | IEEE Spectrum | More Sites

IEEE SPECTRUM

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Topics Reports Blogs Multimedia Magazine

Feature Gadgets Consumer Electronics Standards

Will Today's Digital Movies Exist in 100 Years?

We need new storage technologies, standards, and practices to preserve modern cinema

Posted 21 Feb 2014 | 21:15 GMT
By **ANDY MALTZ**

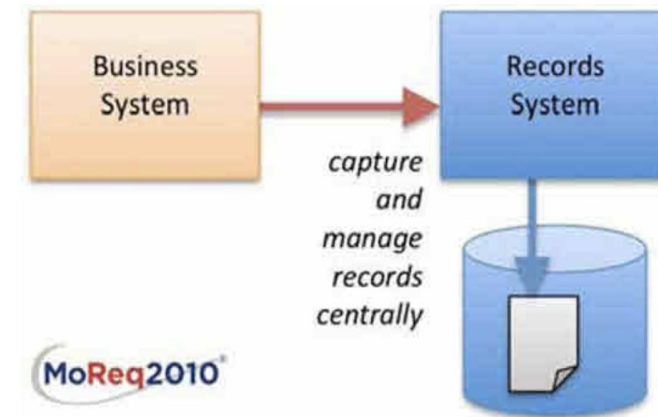
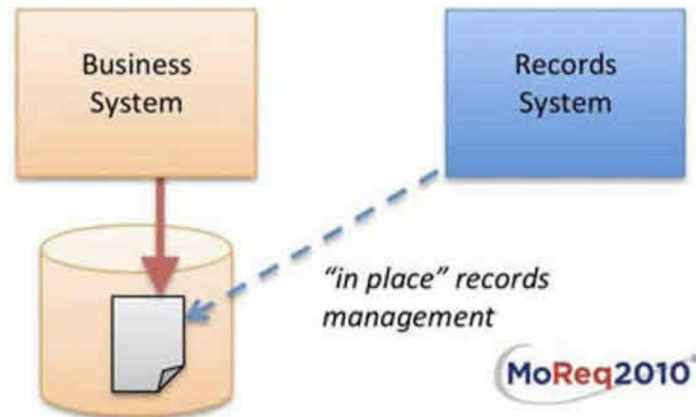


Photo: USC Shoah Foundation

Archive Bot: At the University of Southern California, an automated system continually checks magnetic tapes containing about 50 petabytes of archived data, including nearly 54,000 Holocaust-survivor interviews from the USC Shoah Foundation plus 8,000 feature films and 5,000 TV shows from Warner Bros.

WEBINARS IN 2025 - FEBRUARY AND MARCH





Business applications realize the required Records Management capabilities

Business application components realize the required Records Management capabilities

Business application have specific components that realize the required Records Management capabilities

Business application components with business capabilities

Records Management component

Business applications use external applications that realize the required Records Management capabilities

Business application components with business capabilities

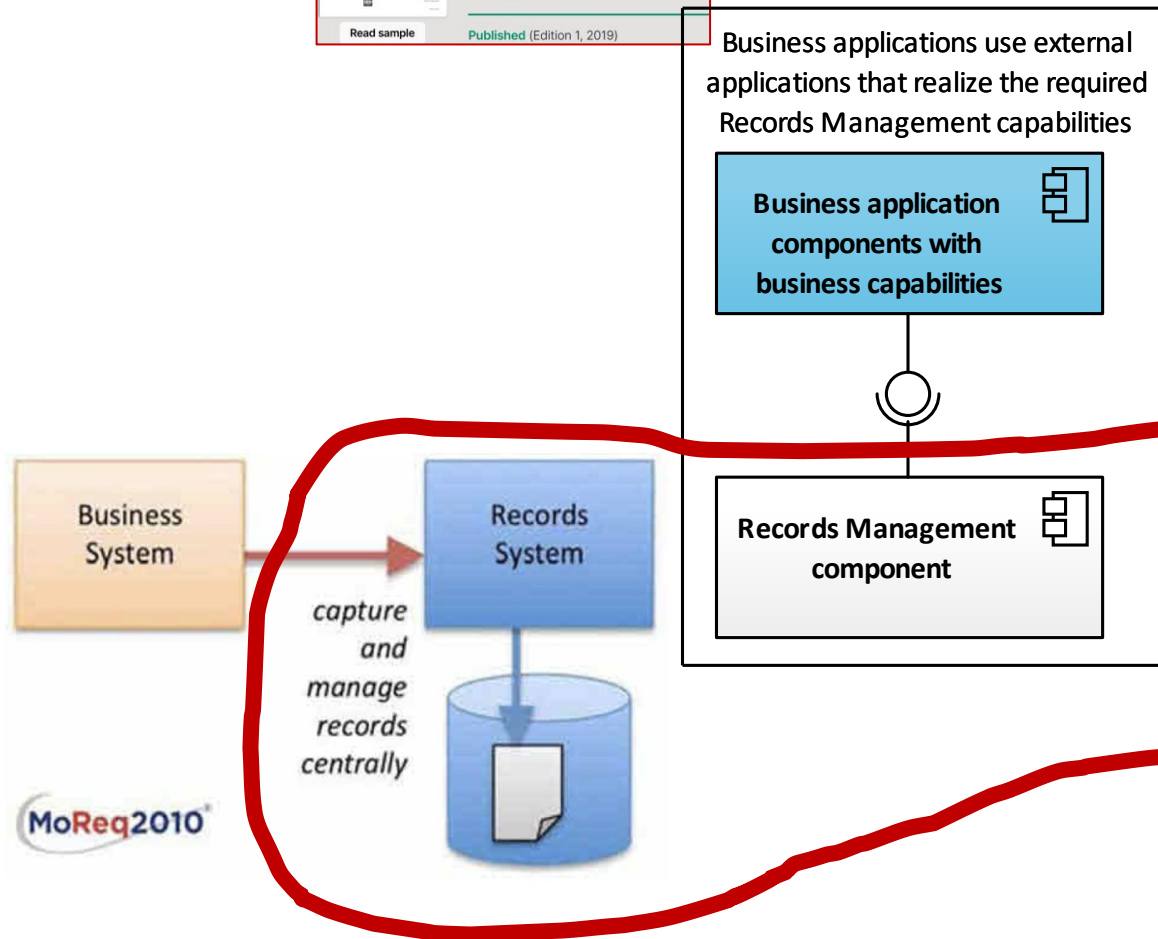
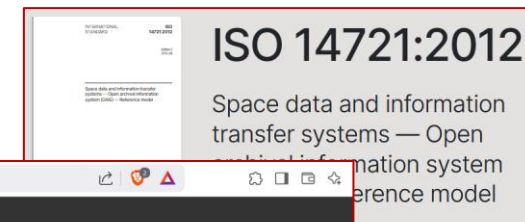
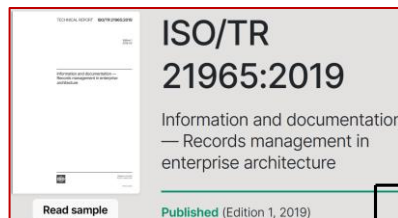
Records Management component

ISO/TR 21965:2019

Information and documentation — Records management in enterprise architecture

[Read sample](#)

[Published](#) (Edition 1, 2019)



OAIS Reference Model (ISO 14721)

The fundamental standard for digital preservation

Home Audit OAIS usage Research Standards process

Home

This site holds information about the OAIS Reference Model.

OAIS Overview

The Reference Model for an Open Archival Information System (OAIS) was developed for use in facilitating a broad, discipline independent, consensus on the requirements for an archive or repository to provide long-term, preservation of digital information. It was also intended to support the development of additional digital preservation standards.

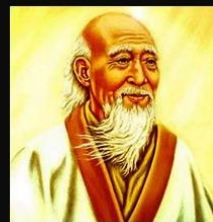
Since its adoption as both a Consultative Committee for Space Data Systems (CCSDS) and an ISO standard, the OAIS Reference Model has been welcomed and widely adopted by virtually all types of digital preservation communities. Most modern digital preservation initiatives reference the OAIS Reference Model standard. It has also been widely used by organizations to inform their implementations of new or upgraded preservation systems.

- The draft of version 3 of OAIS is available at the [CCSDS site](#).
- This will be going through formal review by CCSDS/ISO.
- The Word file has tracked changes containing comments with references to the <http://review.oais.info> website so that SC#22 refers to http://review.oais.info/show_bug.cgi?id=22 which contains the discussion and resolution of the change
- Information about and training for ISO audit and certification of repositories which wish to prove themselves trustworthy ([ISO16363](#))

Agenda

- 14:00 – Opening remarks
- 14:10 – Overview of eArchiving (in English)
- 14:25 – The national legal framework (in Portuguese)
- 14:35 – National cases (in Portuguese)
- 14:55 – The eArchiving value proposition (in Portuguese)
- 15:10 – Open discussion (in Portuguese)
- 16:00 – Close

Discussão



He who controls the past
controls the future.

~ Laozi



“Who controls the
past... controls
the future: who
controls the present
controls the past.”

George Orwell (1984)

- Desafios com o quadro legislativo atual?
- Especificações eArchiving?
- Outras questões/desafios?...