AtoM, Authenticity, and the Chain of Custody

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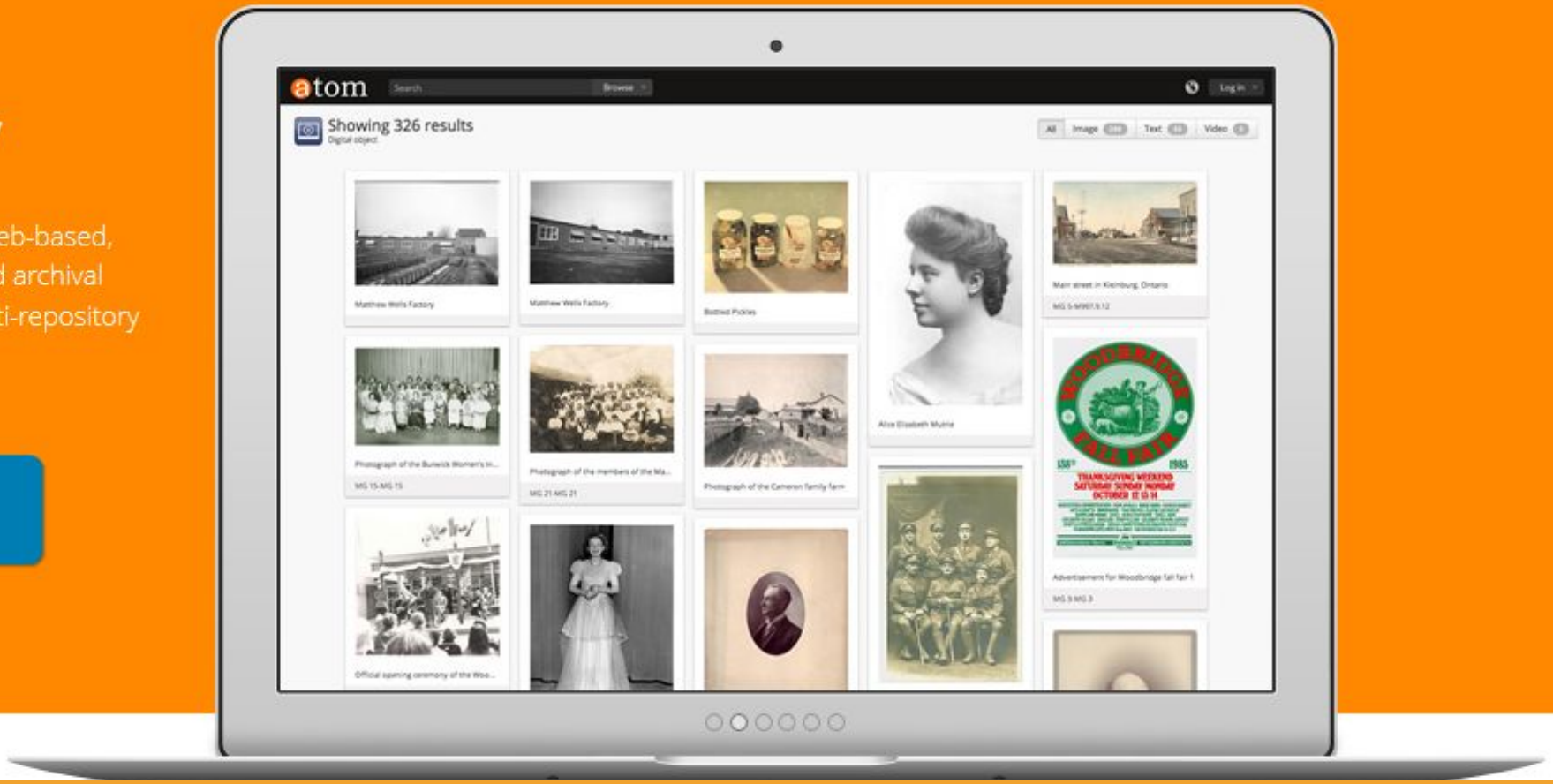
VII Congresso Nacional de Arquivologia
Fortaleza, BR – Oct 17-21, 2016

About | Downloads | Documentation | Community | Wiki | Demo

Providing access to memory since 2007

AtoM stands for **Access to Memory**. It is a web-based, open source application for standards-based archival description and access in a multilingual, multi-repository environment.

Download
AtoM 2.0.1



MEET AtoM
(hello world!)

What is AtoM?

Web-based

Open source

Standards-based

Multilingual

Multi-repository

AtoM stands for

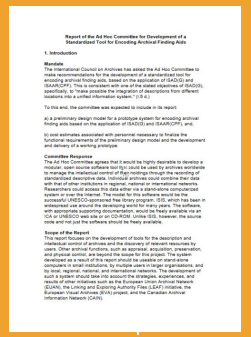
Access to Memory

It is a web-based, open source application for standards-based archival description and access in a multilingual, multi-repository environment.

atom
access to memory

AtoM'S DEVELOPMENT

ICA/CDS OSARIS report v1


Report of the Ad Hoc Committee for Development of a Standardized Tool for Encoding Archival Finding Aids

1. Introduction

Mandate

The International Council on Archives has asked the Ad Hoc Committee to develop specifications for a software package which would support the encoding archival finding aids, based on the application of ISAD(G) and ISAAR(CPF). This is consistent with one of the stated objectives of ISAD(G), specifically, to "make possible the integration of descriptions from different locations into a unified information system." (I.S.B.d.)

To this end, the committee was expected to include in its report:

a) a preliminary design model for a prototype system for encoding archival finding aids based on the application of ISAD(G) and ISAAR(CPF), and,

b) cost estimates associated with personnel necessary to finalize the functional requirements of the preliminary design model and the development and delivery of a working prototype.

Committee Response

The Ad Hoc Committee agrees that it would be highly desirable to develop a modular, open source software tool f(s) could be used by archives worldwide to create, maintain and distribute machine-readable finding aids based on standardized descriptive data. Individual archives could combine their data with that of other institutions in regional, national or international networks. Researchers could access this data either via a stand-alone computerized system or over the Internet. The model for this software would be the UNESCO/ICA CDS/ISIS software package, which has been in widespread use around the developing world for many years. The software, with appropriate supporting documentation, would be freely available via an ICA or UNESCO web site or on CD-ROM. Unlike ISIS, however, the source code and not just the software should be freely available.

Scope of the Report

This report focuses on the development of tools for the description and management of archival records in machine-readable form, as used by users. Other archival functions, such as appraisal, acquisition, preservation, and physical control, are beyond the scope for this project. The system developed as a result of this report should be useable on stand-alone computers in small institutions, by multiple users in larger organisations, and by archival networks. The functional requirements for the development of such a system should take into account the strategies, experiences, and results of other initiatives such as the European Union Archival Network (EUAN), the Linking and Exploring Authority Files (LEAF) Initiative, the European Visual Archives (EVA) project, and the Canadian Archival Information Network (CAIN).

ICA/CIT report: Market Survey of Commercially Available Off-the-Shelf Archival Management Software (January 2003)

UNESCO Grant to ICA: Online Guide to Archival Sources Related to Human Rights Violations

Technical analysis begins

WORLD BANK GROUP

Archief school
NEDERLANDS INSTITUUT VOOR ARCHIEFONDERWIJS EN -ONDERZOEK

Direction des Archives de France

مركز الوثائق والبحوث
Center for Documentation & Research

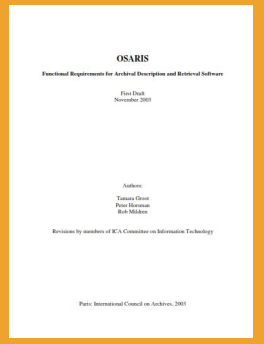
2002

2008

2001

ICA/CDS, ICA/CIT, UNESCO discuss how to advance OSARIS project

2003


OSARIS

Functional Requirements for Archival Description and Retrieval Software

First Draft
November 2003

Authors:
Tamara Cirovi
Peter Horsman
Rob Mulders

Revisions by members of ICA Committee on Information Technology

Paris: International Council on Archives, 2003

2004

ICA/CIT: OSARIS Functional Requirements report

2005

Peter Van Garderen (Artefactual) hired to build open source application

2006

0.1-ALPHA

2007

0.2-ALPHA

ICAAtoM
open source archival description software

ICA-AtoM 1.0-Beta

ICA AtoM

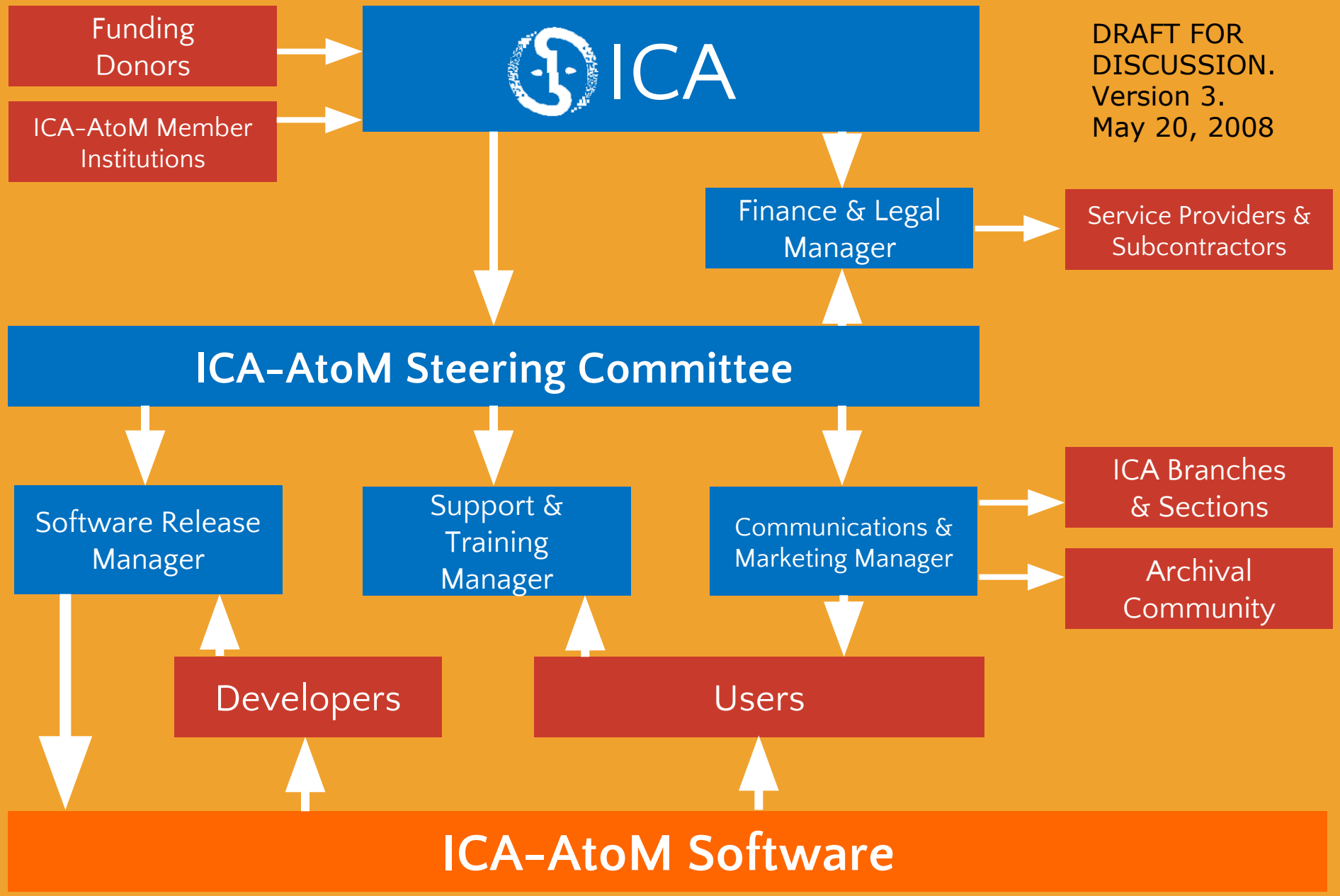
- Released at the 2008 ICA Congress in Kuala Lumpur, July 21–27
- Distributed as a demo CD
- Workshop and presentation given

ICA-AtoM Project Goals

The purpose of the ICA-AtoM Project is to provide free and open-source software:

- that enables institutions to make their archival holdings available online, especially those who could not otherwise afford to do so
- that manages archival descriptions in accord with ICA standards
- that provides multi-lingual interfaces and content translation features
- that supports multiple collection types
- that is fully web-based, user-friendly and follows accessibility best practices
- that is flexible and customizable
- that is useful to both small and large institutions alike
- that supports single or multi-repository implementations

ICA-AtoM Proposed Governance Model



AtoM'S DEVELOPMENT

2008

ICAAtoM

2014

FIRST NON-BETA RELEASE

atom
access to memory

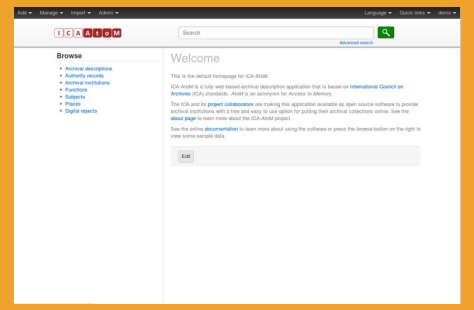
0.X-BETA | 1.0-BETA | 1.1 | 1.2 | 1.3 | 2.0

2009 | 2010 | 2011 | 2012 | 2013

Qubit
open information management toolkit

ICAAtoM
open source archival description software

TRILLIUM THEME



Artefactual in BRAZIL

“The ICA-AtoM Project And Technology.”

Peter Van Garderen

Association of Brazilian Archivists
Third Meeting on Archival Information Databases
Rio de Janeiro, Brazil
16/17 March **2009**

Associação dos Arquivistas Brasileiros

Artefactual in BRAZIL

ICA-AtoM v1.0.5

AtoM'S DEVELOPMENT

2013

2019

JOB SCHEDULER

CLIPBOARD

ICAAtoM 1.x

atom access to memory 2.0

2.1

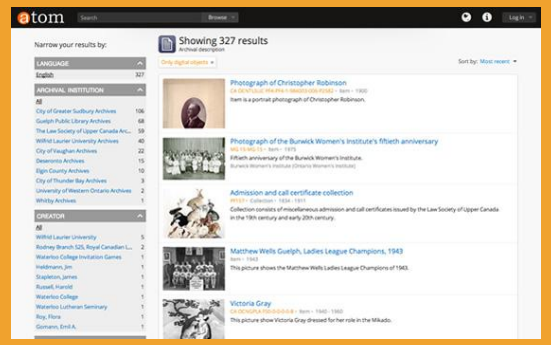
2.2

2.3

2.4

2012 2014 2015 2016 2017 2018

1.3.1 2.0.1 2.1.1 2.2.1



AtoM 2.4

- Full bulk import / export via the user interface
- Search index improvements
- Authority records and repositories on the Clipboard

The Law Society of Upper Canada Archives

Quick search

Search

Help pages

- Help searching
- Help browsing
- Using the Treeview

Fonds PF41 - John Honsberger fonds

- Fonds John Honsberger fonds
  - Series Personal records
  - Series Editor of the "Gazette" records
  - Series Sound recordings
  - Series Photographs
  - Series Miscellaneous legal documents
    - Item Indian land sale. Grant to Sir Melville Parker, Baronet.
    - Item Indenture relating to the County of Chester, England
    - Item Crown grant to Hannah Asselstine
    - Item Land deed: Canada Company to David Pinkerton
    - Item Deed: George W.D. Asselstine to William Millar

Photograph of front exterior entrance to Osgoode Hall

Clipboard

Add

Explore

Reports

Inventory

Browse as list

Browse digital objects

Import

XML

CSV

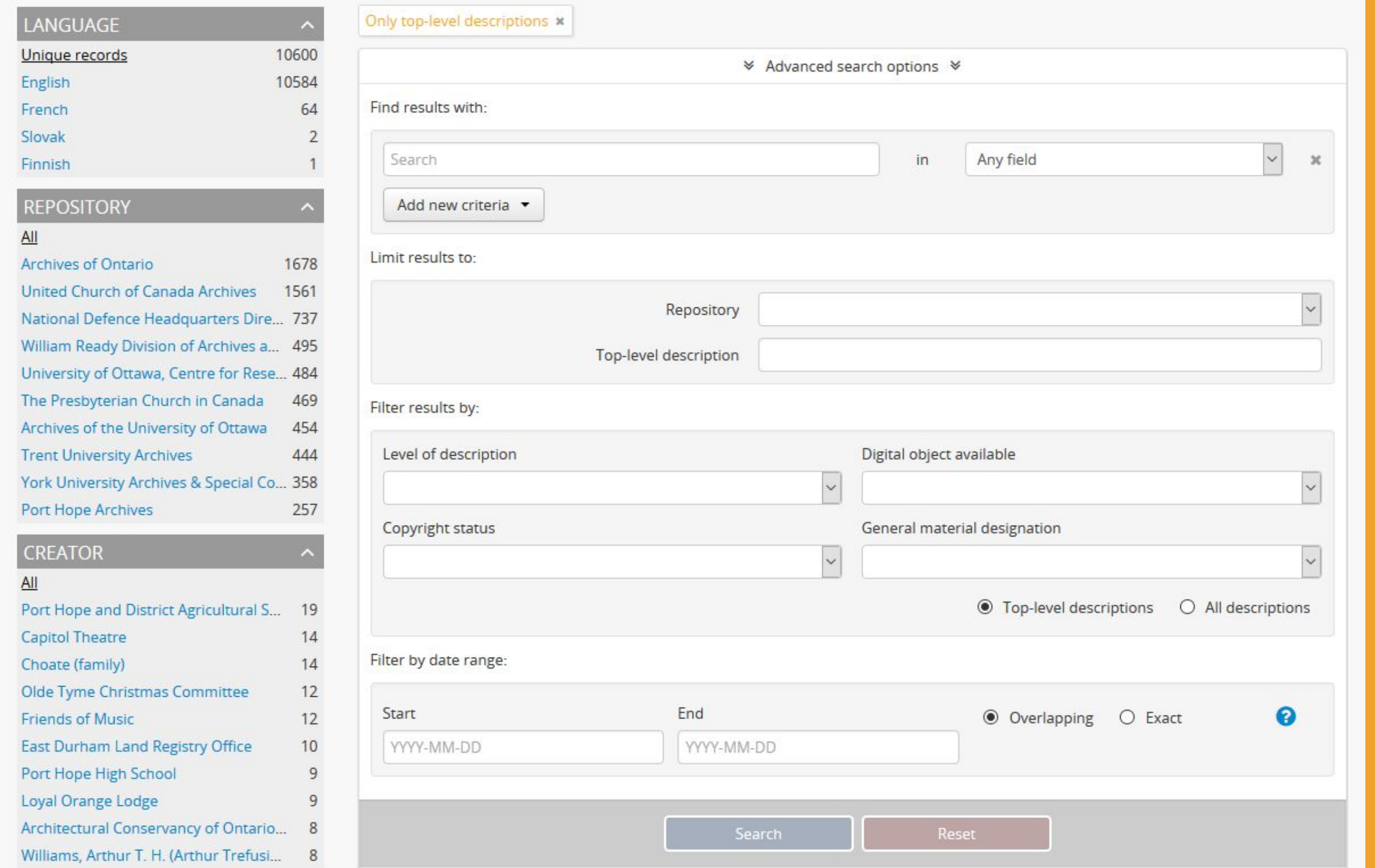
Export

Dublin Core 1.1 XML

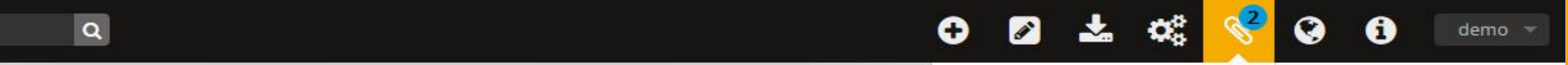
EAD 2002 XML

Finding aid

2.3 RELEASE


LANGUAGE
Unique records 10600
English 10584
French 64
Slovak 2
Finnish 1
REPOSITORY
All
Archives of Ontario 1678
United Church of Canada Archives 1561
National Defence Headquarters Dire... 737
William Ready Division of Archives a... 495
University of Ottawa, Centre for Rese... 484
The Presbyterian Church in Canada 469
Archives of the University of Ottawa 454
Trent University Archives 444
York University Archives & Special Co... 358
Port Hope Archives 257
CREATOR
All
Port Hope and District Agricultural S... 19
Capitol Theatre 14
Choate (family) 14
Olde Tyme Christmas Committee 12
Friends of Music 12
East Durham Land Registry Office 10
Port Hope High School 9
Loyal Orange Lodge 9
Architectural Conservancy of Ontario... 8
Williams, Arthur T. H. (Arthur Trefusi... 8
Only top-level descriptions
Advanced search options
Find results with:
Search
in
Any field
Add new criteria
Limit results to:
Repository
Top-level description
Filter results by:
Level of description
Digital object available
Copyright status
General material designation
Top-level descriptions
All descriptions
Filter by date range:
Start
End
Overlapping
Exact
YYYY-MM-DD
YYYY-MM-DD
Search
Reset

2.3 RELEASE



Showing 10600 results

Archival description

Only top-level descriptions ×

Advanced search options

Print preview | Export CSV

Sort by: Alphabetic

131 results with digital objects | Show results with digital objects

"A Bedtime Story" Movie Poster, 1941

2013.5.6 · Item · 1941

Item is a hand-painted movie poster created by the Capitol Theatre, 1941. It features information about the showing of "A Bedtime Story" on Wednesday and Thursday September 2nd and 3rd, 1941. Additional text on the poster includes: 2nd...

Capitol Theatre

"Adventures of Martin Eden" Movie Poster, 1942

2013.5.9 · Item · 1942

Item is a production company movie poster for "Adventures of Martin Eden" used by the Capitol Theatre, 1942.

Capitol Theatre

"Aidas" Hamilton Lithuanian Girls' Choir Collection

468 · Collection · · draft

Collection spans choir activities from 1975-1977. One of the pamphlets includes the choir's history from 1970-1975 and a list of co
Cookies & milk.

Add to clipboard

"B is for Barns" Research Project Binders, 2013

2014.2 · Series · 2013

Series consists of three (3) binders entitled "B is for Barns," 2013. The binders contain photographs and information on various barns around Northumberland County, and formed part of the research project/exhibit undertaken by the Port ...

Port Hope and District Agricultural Society

"Cameco Vision 2010" Environmental Impact Statement

2.3 RELEASE

Nipissing - Canadore ARCHIVES

Upload limit

for Nipissing U
College Archive

< 0.01 of 1 GB

Do not use any special characters or spaces in the slug - only lower case alphanumeric characters (a-z, 0-9) and dashes (-) will be saved. Other characters will be stripped out or replaced. Editing the slug will not automatically update the other fields.

George Zytaruk fonds

Rename

Use this interface to update the description title, slug (permalink), and/or digital object filename.

☑ Update title

Title

George Zytaruk fonds

Original title: *George Zytaruk fonds*

☑ Update slug

Slug

zytarkuk

Original slug: *george-zytaruk-fonds-4*

☐ Update filename

Filename

OIMC-004-016-019.jpg

Original filename: *OIMC-004-016-019.jpg*

Update Cancel

2.3 RELEASE

Certificates and memorabilia

Inventory list

Return to archival description »

George A. Gale fonds » Certificates and memorabilia

Identifier	Title	Level of description	Date	Digital object
PF208-PF208-1-2012018-001	Biography and pictures	File	1950, [1970?]-1983	
PF208-PF208-1-2012018-001-2012018-01P	Photograph of George Gale	Item	[197-]	
PF208-PF208-1-2012018-001-2012018-02P	Photograph of George Gale	Item	[197-]	
PF208-PF208-1-2012018-001-2012018-03P	Photograph of George Gale	Item	[197-]	View
PF208-PF208-1-2012018-001-2012018-04P	Photograph of George Gale	Item	[197-]	
PF208-PF208-1-2012018-001-2012018-05P	Photograph of George Gale	Item	[1977?]	View
PF208-PF208-1-2012018-001-2012018-06P	Photograph of George Gale in judicial robes	Item	[197-]	
PF208-PF208-1-2012018-001-2012018-07P	Photographs of George Gale in judicial robes	File	[197-]	
PF208-PF208-1-2012018-001-2012018-08P	Photograph of George Gale on the bench	Item	22 Oct. 1969	
PF208-PF208-1-2012018-001-2012018-09P	Photograph of George Gale, Queen Elizabeth II and Prince Phillip	Item	26 June 1973	

Results 1 to 10 of 29

1 2 3 Next »

2.3 RELEASE

Development Philosophy

Community-based development

- Standards-based
- Open source / Creative Commons
- Multilingual support
- Generalize specific use cases
- Include all features in public release
- Iterative development via multiple contributions over subsequent releases

atom
access to memory

Bounty model of business

- Maintain: documentation, software, wiki,
- Produce additional resources (e.g. videos, presentations, webinars)
- Participate in user forum
- Offer additional paid services
- Always include development in public project

artefactual

AtoM installations

1 pin per locale; only up to v2.1

United Nations
Archives and Records Management Section

Protecting the Present
Preserving for the Future

Browse by

- Catalogue
- Digital Objects

Popular this week

- Organisations Statut der Landesorganisation der Sozialistischen Partei. Oesterreichs **71 visits**
- United Nations Relief and Rehabilitation Administration (UNRRA) (1943-1946) **46 visits**
- United Nations Commission for the Unification and Rehabilitation of Korea (UNCURK) (1950-1973) **43 visits**
- United Nations Special Committee on Palestine (UNSCOP) (1947) **41 visits**
- UNRRA - Country Missions Photographs **41 visits**
- Secretary-General U Thant (1961-1971) **39 visits**
- International Refugee Organization (IRO) **38 visits**
- United Nations War Crimes Commission (UNWCC) (1943-1948) **34 visits**
- Secretary-General Kofi Annan (1997-2006) **34 visits**
- Executive Office of the Secretary-

Welcome to the United Nations Archives Search Engine

The archives of the United Nations covers four broad areas: the Secretaries-General, Secretariat Departments, Peacekeeping Missions, and Predecessor Organizations. The archives are arranged into Series which fall under larger archival groups (or "Fonds") that are derived from the particular office or agency that created them. The creating agency can be a United Nations department, mission, panel or body, Secretary-General, or other United Nations functional unit. You can do a keyword search (above), or click the links below to browse through the Fonds and Series. Some of our records are digitized, and if so, these items can be viewed online and/or downloaded.

Whether you are a writer or graduate student, genealogist or historian, successful use of archives depends on a carefully planned research strategy. The strategy should allow adequate time for background research, establish which collections hold relevant archives, and include a work schedule which takes into account the extent of the material to be consulted. If you would like to make an appointment to conduct on-site research, please visit our Contact page.

Secretaries-General

- Ban Ki-Moon (South Korea) Term of Office: 2007-present
- Kofi A. Annan (Ghana) Term of Office: 1997-2006
- Boutros Boutros-Ghali (Egypt) Term of Office: 1992-1996
- Javier Pérez de Cuéllar (Peru) Term of Office: 1982-1991
- Kurt Waldheim (Austria) Term of Office: 1972-1981
- U Thant (Myanmar) Term of Office: 1961-1971
- Dag Hammarskjöld (Sweden) Term of Office: 1953-1961
- Trygve Lie (Norway) Term of Office: 1946-1952

Secretariat Departments

- UN Registry (1946-1983)
- Department of Economic and Social Affairs- DESA
- Executive Office of the Secretary-General - EOSG
- Department of General Assembly and Conference Management - DGACM
- Department of Management- DM
- Office for Special Political Affairs - SPA
- Department of Political Affairs - DPA
- Field Service and Successor Bodies
- Department of Peacekeeping Operations - DPKO

https://search.archives.un.org/

Archives Holdings Home
WBG Archives Home
How to Use Our Site
About Our Records and Finding Aids
Request Access to Holdings

Browse by

Archival descriptions
Authority records
Archival institutions
Digital objects

Popular this week

Photograph library **478 visits**
Records of President Robert S. Mc...
World Bank Group Archives **75 visits**
Records of President Eugene R. Bla...
Speech reference collection **59 visits**

Welcome

The World Bank Group Archives Reading Room will be closed December 19, 2016 to January 6, 2017 inclusive.

The World Bank is open about its activities and welcomes opportunities to explain its work to the widest audience possible. Openness promotes engagement with stakeholders, which in turn, improves the design and implementation of projects and policies, and strengthens development outcomes. The World Bank seeks to facilitate information sharing, broaden understanding of development issues, coordinate its activities with other institutions and agencies, and strengthen public support for efforts to improve the lives of people in developing countries. At the same time, the World Bank recognizes its obligation to protect the confidentiality of certain information.

Access to World Bank records may be provided in cases permissible under the provisions of the World Bank Policy on Access to

https://archivesholdings.worldbank.org/

UNESCO Archives AtoM Catalogue

United Nations Educational, Scientific and Cultural Organization

"Building peace in the minds of men and women"

Browse | Search | Log in

Browse by

- Archival Descriptions
- Actors
- Subjects
- Digital objects
- Countries

Popular this week

- Archives of Field Offices, Institutes and Centres **195 visits**
- 4° session extraordinaire du Conseil exécutif – fev 85 **180 visits**
- Preparatory Commission of UNESCO **86 visits**
- International Institute of Intellectual Co-operation **81 visits**
- Secretariat Documents **80 visits**
- International Institute of Intellectual Co-operation **71 visits**
- Asian Regional Institute for School Building Research **69 visits**
- Documents of the Director General **68 visits**
- Instrument establishing a Preparatory Educational, Scientific and Cultural Commission **67 visits**
- Preparatory Commission of UNESCO **67 visits**

Welcome

This is the UNESCO Archives homepage for AtoM, our archival description catalogue.

At present, the holdings of the UNESCO Archives are described on a general level with more detailed information being added continuously. The descriptions give a general overview of the records which are preserved in the UNESCO Archives and how they are organized.

For practical reasons, the archives are organized in 16 Archive Groups. To access the list of Archive Groups and their descriptions, please click here. For the moment, we recommend that you navigate through the catalogue by using this list. Searching by keyword will give results that are not necessarily sorted by pertinence.

Please visit the UNESCO Archives Website to learn more about our institution. If you have some information that you think we should add to our descriptions of the actors, please contact us at archives@unesco.org.

We began as beta users of the ICA-AtoM software. See the About page to learn more about the ICA-AtoM project and UNESCO's involvement. ICA-AtoM is a fully web-based archival description application that is based on International Council on Archives (ICA) standards. *AtoM* is an acronymn for *Access to Memory*. See the online documentation to learn more about using ICA-AtoM software.

http://atom.archives.unesco.org/

Arquivo Nacional

Dibrarq

MINISTÉRIO DA JUSTIÇA E CIDADANIA

Navegar por

- Descrições arquivísticas
- Registros de autoridade
- Entidades custodiadoras
- Funções
- Assuntos
- Locais
- Objetos digitais

Popular nesta semana

- Divisão de Censura de Diversões Públicas (DCDP) **43 visitas**
- Relatório Parcial de Pesquisa da Comissão Municipal da Verdade (CMV-JF) Juiz de Fora - Minas Gerais. Pesquisas conduzidas pelos integrantes da CMV-JF em parceria com pesquisadores e estudantes da Universidade Federal de Juiz de Fora a partir do Convênio 001/2014. **35 visitas**
- Arquivo Público do Estado do Rio de Janeiro **26 visitas**
- Irmandade do Santíssimo Sacramento da Candelária **23 visitas**
- Secretaria de Segurança Pública do Estado (Pernambuco). Seção de Ordem Política e Social **22 visitas**
- Sindicato Nacional dos Marinheiros e Moços de Máquinas em Transportes Marítimos e Fluviais **20 visitas**
- Delegacia de Ordem Econômica (Pernambuco) **19 visitas**
- Arquivo Histórico do Itamaraty **19**

Bem-vindo ao Diretório Brasil de Arquivos - DIBRARQ

O Diretório Brasil de Arquivos (DIBRARQ) apresenta-se como uma oportunidade especial para reunir instituições e pessoas que guardam e promovem o acesso aos documentos que custodiam.

Para isso, o Arquivo Nacional e o Conselho Nacional de Arquivos disponibilizam esta plataforma em AtoM, que é um aplicativo de descrição arquivística integralmente voltado para web, com base nas normas do Conselho Internacional de Arquivos (CIA).
AtoM é flexível e atende às necessidades de cada entidade custodiadora, permitindo o acesso através de vários repositórios integrados, assim como independência na atualização de dados.

A concepção da plataforma partiu de diferentes projetos desenvolvidos pelo Arquivo Nacional e entidades parceiras ao longo do tempo que visaram guiar pesquisadores sobre fontes e acervos relevantes em temas específicos.

Acervos privados presidenciais
África e escravidão negra
Arquivos municipais
Associações cariocas
Cadastro Nacional de Entidades Custodiadoras de Arquivos (CODEARQ)
Cartografia no Rio de Janeiro
Censo-Guia de Arquivos
Filmes no Brasil
Holanda e holandeses
Interesse público e social
Memórias Reveladas
MOW Brasil
MOW Regional
Período Joanino
Segurança de acervos
SIGA

Entre em contato!
dibrarq@arquivonacional.gov.br

http://dibrarq.arquivonacional.gov.br

Casa de Oswaldo Cruz

Base Arch

entrar

Pesquisar no acervo

Descrição arquivística | Registro de autoridade | Instituição custodiadora | Locais | Assuntos | Objetos digitais

Mais visitados

- Fundação Rockefeller (Fundo)
  162 visitantes
- Serviço de Febre Amarela
  100 visitantes
- Campanha no Brasil
  91 visitantes
- Campanha America do Sul
  72 visitantes
- Solicitação de liberação de funcionario; pedido de afastamento de funcionario; declaração resultado do processo de seleção; cursos de Pos-graduação em Medicina Veterinaria (informações); requerimento, relatorio de atividades;sobre afastamento do pais; termo de compromisso e responsabilidade de afastamento para o exterior; curriculum vitae; criterios para a participação e a liberação de servidores da ENSP para os cursos de especialização; portaria da presidência; banco de curriculos; boletim de serviço; documentos pessoais; resumo do projeto de tese de doutorado;

Bem vindo(a)

A base Arch é o repositorio de informações sobre o acervo arquivistico permanente da Fundação Oswaldo Cruz, representativo da historia das ciencias biomedicas e da saúde no Brasil. A pesquisa na base apresenta diversos niveis de descrição nos fundos e coleções sob a guarda do Departamento de Arquivo e Documentação da Casa de Oswaldo Cruz. Estão reunidos documentos institucionais e pessoais, dos gêneros textual, iconografico, cartografico, sonoro, audiovisual, micrografico e eletrônico, que abrangem o periodo de 1756 até os dias atuais. O sistema utilizado é o AtoM, desenvolvido pelo Conselho Internacional de Arquivos, e customizado pela Casa de Oswaldo Cruz de acordo com normas nacionais e internacionais de descrição arquivistica.

Informações tecnicas

A base Arch é uma versão customizada do sistema AtoM (Versão 2.2) e uma abreviatura de Access to Memory. Funcionando em ambiente WEB, é uma aplicação de codigo aberto destinada a descrição normalizada em arquivos definitivos permitindo um acesso multilingue numa organização com multiplos repositorios integrados.
Possui alguns recursos adicionais, como geração de inventarios a partir da descrição arquivistica em qualquer nivel de detalhamento, relatorios administrativos, tema especifico da base Arch e tradução para o portugues brasileiro. Para mais informações consulte o Blog.

Informações sobre cooperação institucional

A Casa de Oswaldo Cruz licencia a tecnologia desenvolvida para a implantação da base de dados Arch por meio da celebração de acordos de cooperação. Para mais informações entre em contato com a Assistência Tecnica de Cooperação.

http://www.basearch.coc.fiocruz.br/

Users

< Community

Main Page > Community > Community/Users

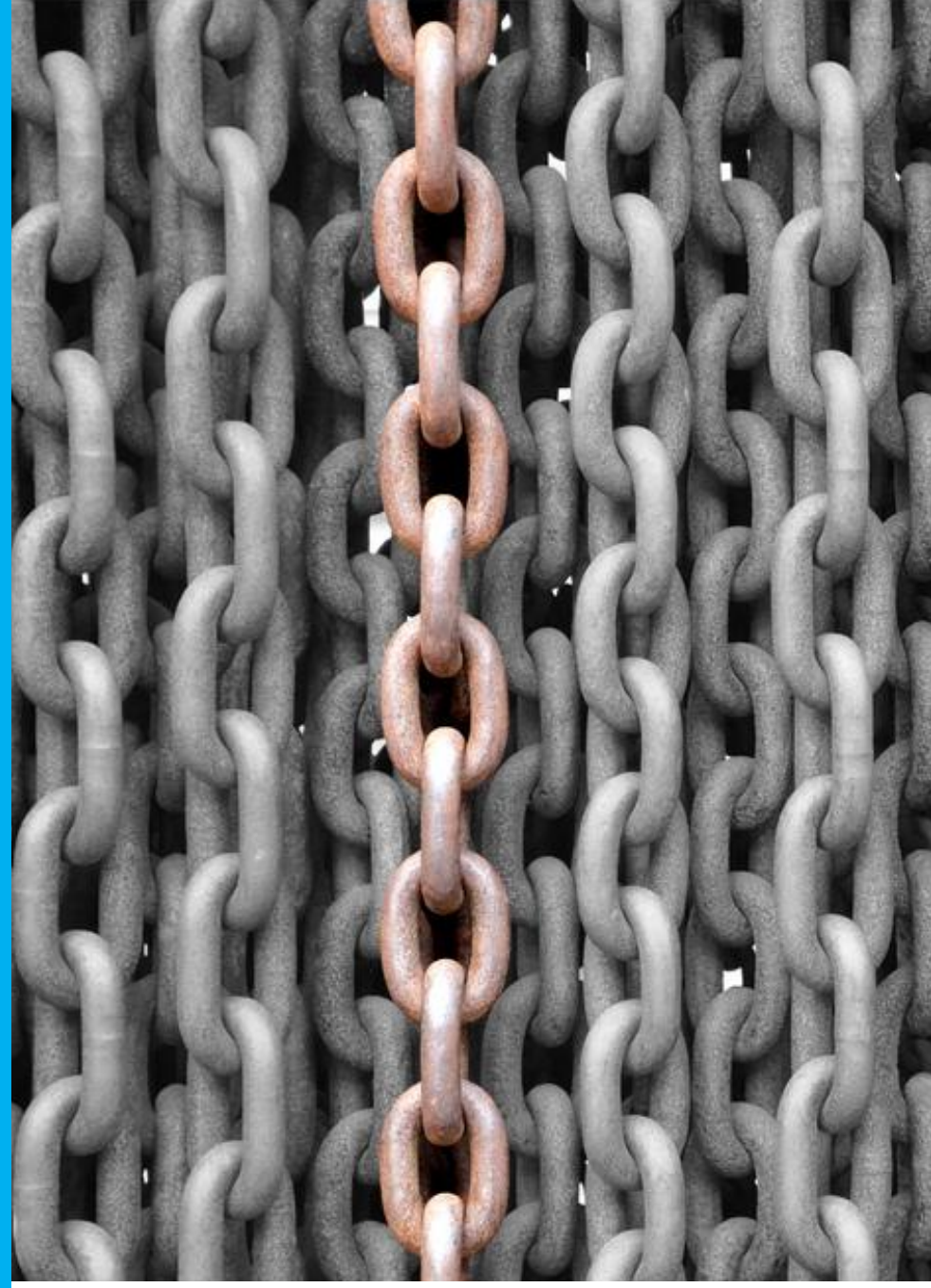
On this page you'll find some examples of institutions and organizations using AtoM and/or ICA-AtoM. Don't see your institution on this list? Please feel free to add a link to your AtoM installation!

AtoM (2.x) sites [edit]

- Alberta on Record: Archives Society of Alberta Portal
- Archeion: Ontario's Archival Information Network
- Archives & Research Collections, Carleton University Library
- Archives comunales du canton de Vaud (Swiss)
- Archives of the Anglican Diocese of New Westminster and Provincial Synod of BC and Yukon
- Archives de Montréal
- ARC: the Archival Resource Catalogue of the Association of Newfoundland and Labrador Archives
- Acervos Arquivísticos (Brazilian Portuguese)
- Acervo Arquivístico da Assembleia Legislativa do Estado de Minas Gerais (Portuguese)
- ArchivesCANB: the Council of Archives New Brunswick's archival database
- Archivos Históricos que la Universidad Alberto Hurtado (Spanish)
- Arquivo da Social-Democracia (Portuguese)
- Arquivo digital da Universidade Federal do Rio Grande (Brazilian Portuguese)
- Arquivo Histórico Municipal João Spadari Adami - Caxias do Sul (Brazilian Portuguese)
- Arquivo Municipal Albufeira (Portuguese)
- Arquivo Municipal de Albergaria-a-Velha (Portuguese)
- Arquivo Municipal de Vale de Cambra (Portuguese)
- Arquivo Municipal de Vila do Bispo (Portuguese)
- Arquivos Históricos do Centro de Lógica, Epistemologia e História da Ciência (Brazilian Portuguese)
- Australian National University Archives
- Base Arch - Fundação Oswaldo Cruz (Brazilian Portuguese)
- The Beaton Institute (Cape Breton University)
- Borthwick Institute for Archives - University of York
- British Columbia Digitization Coalition's West Beyond the West Portal
- British Columbia Institute of Technology Archives & Special Collections

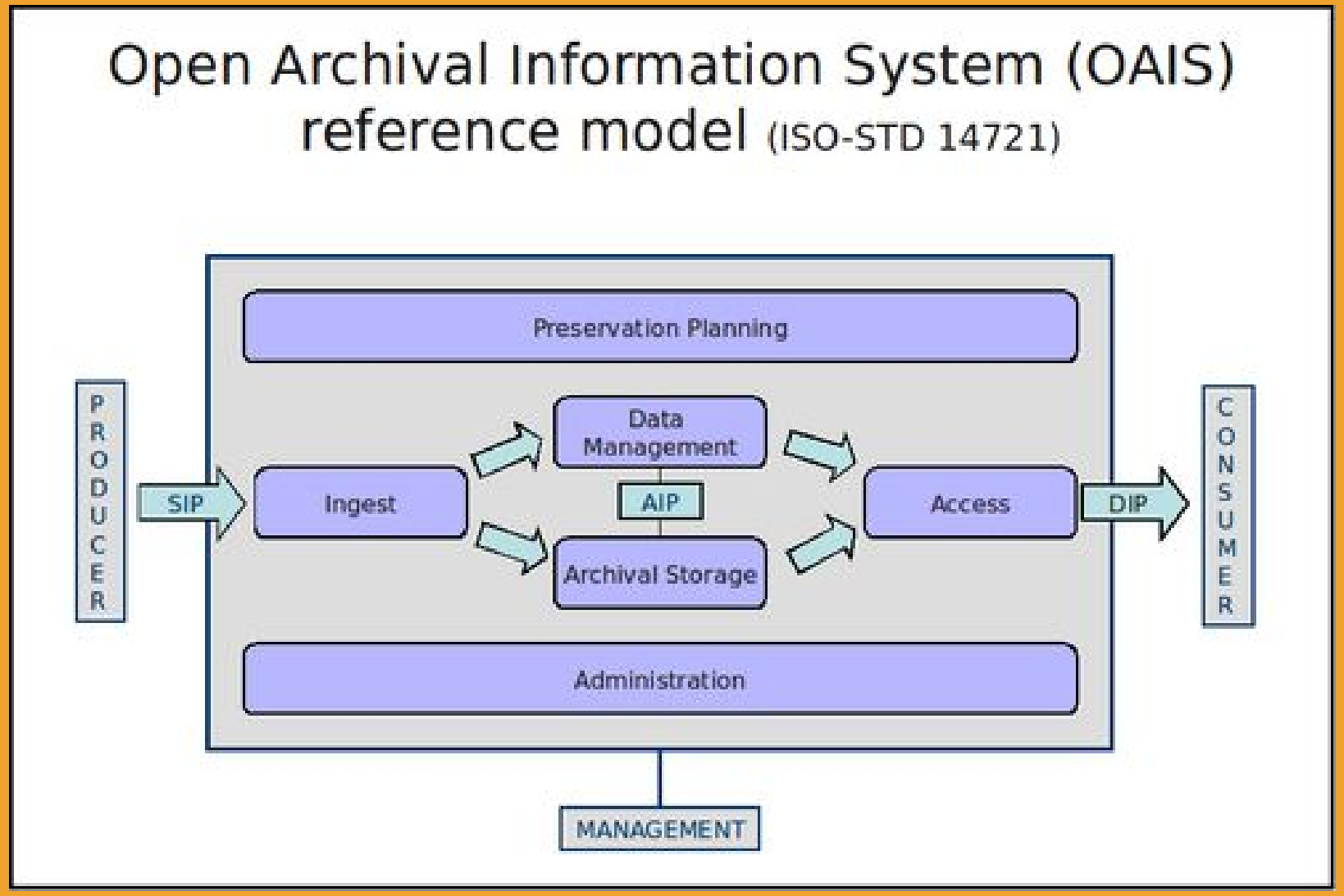
https://wiki.accesstomemory.org/Community/Users

AtoM and Chain of Custody

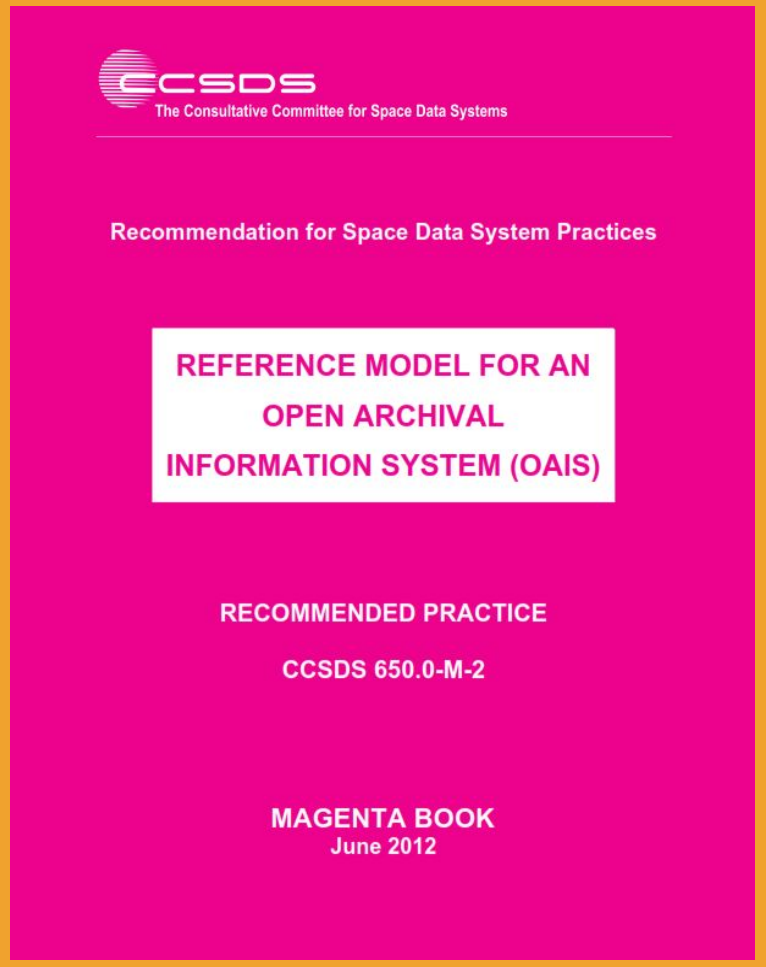


Jorge González, “Chains reloaded.”July 29, 2011.
https://www.flickr.com/photos/aloriel/6292261464

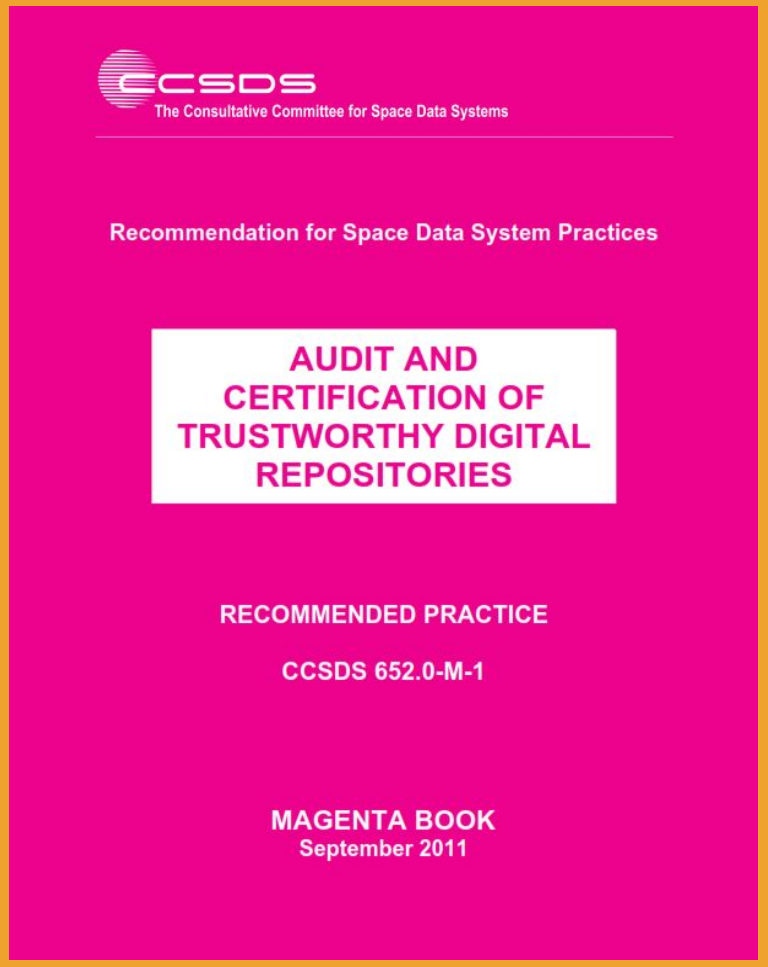
OAIS Reference Model



OAIS Reference Model

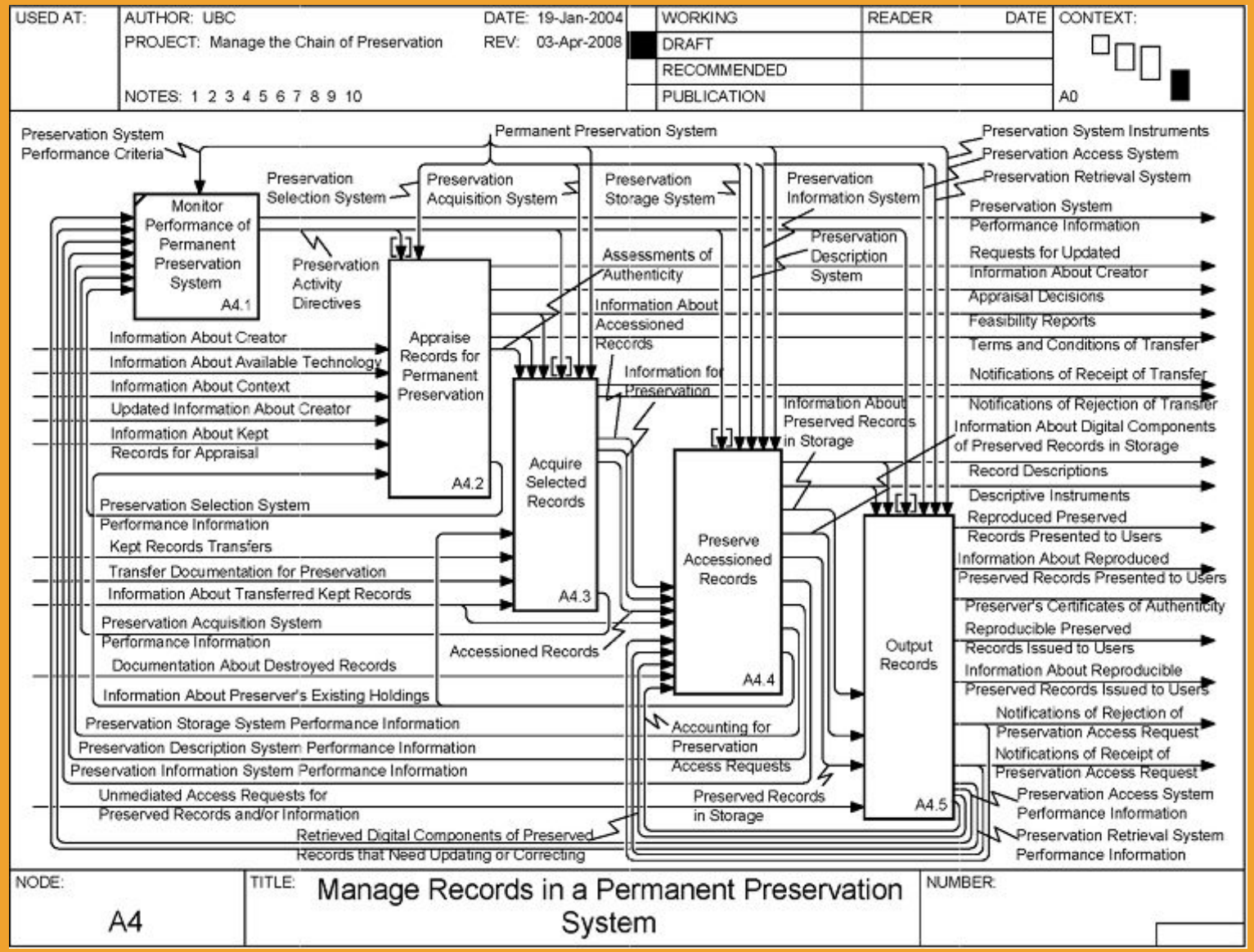


ISO 14721:2002

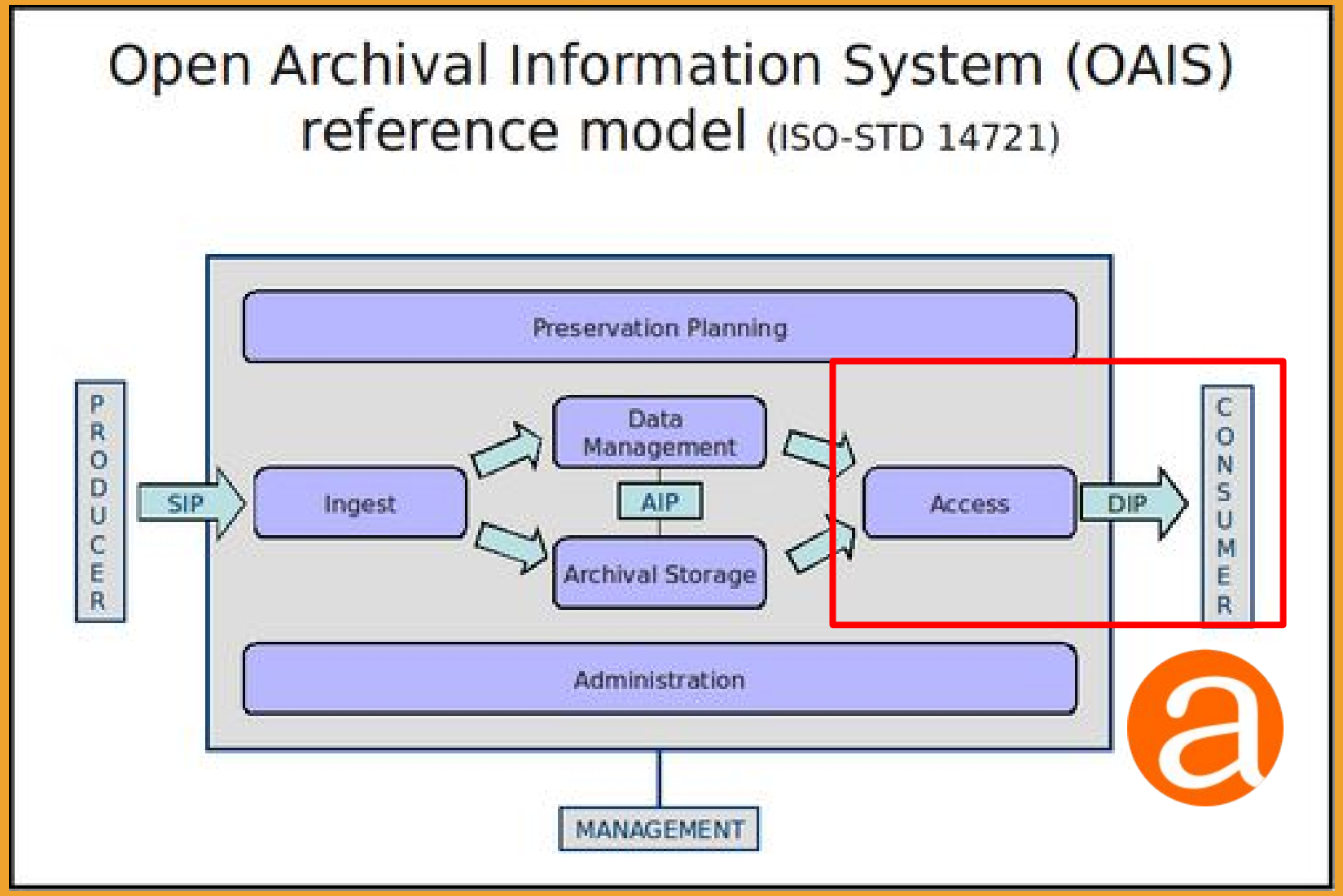


ISO 16363:2012

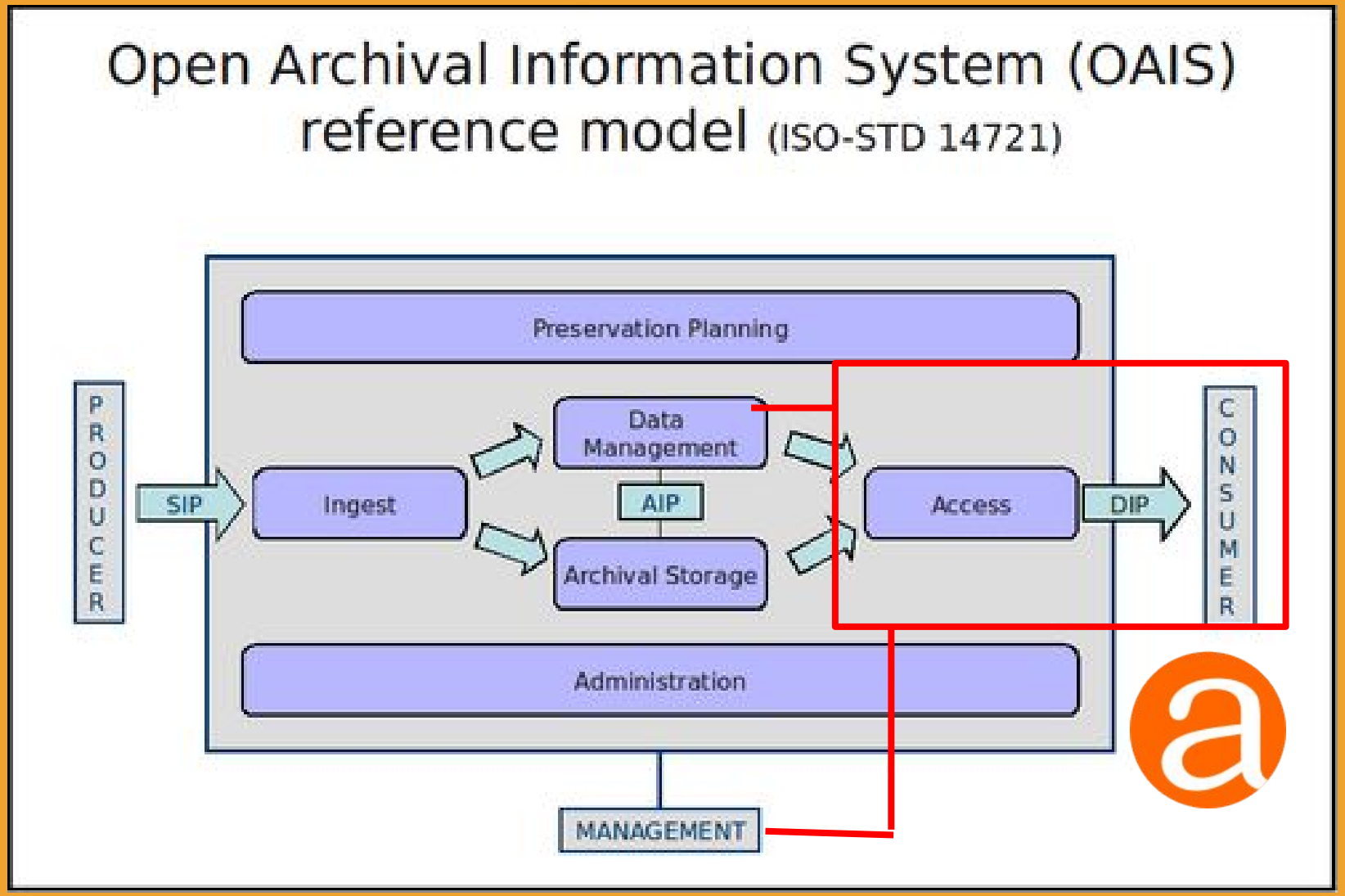
InterPARES2 Chain of Preservation



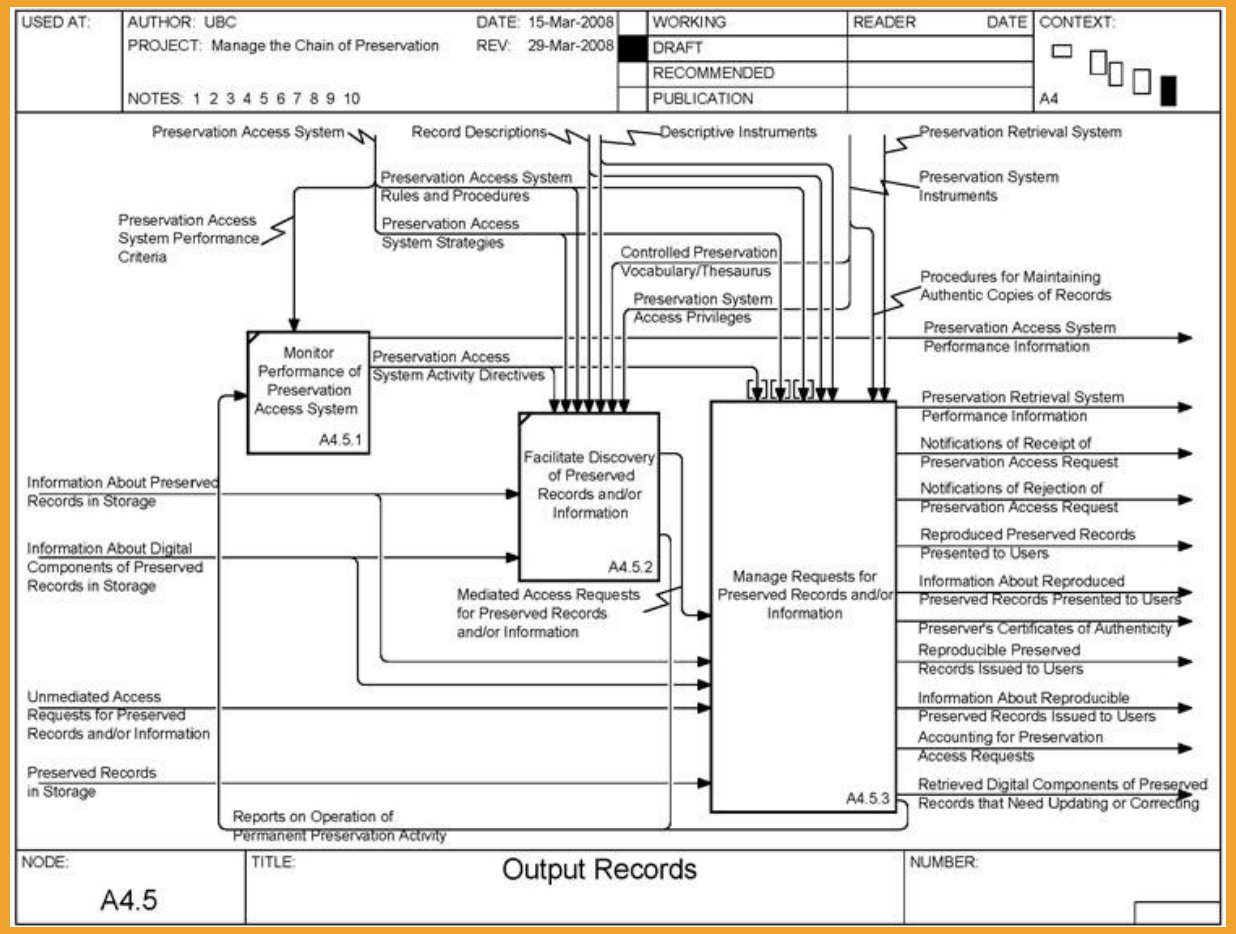
OAIS Reference Model



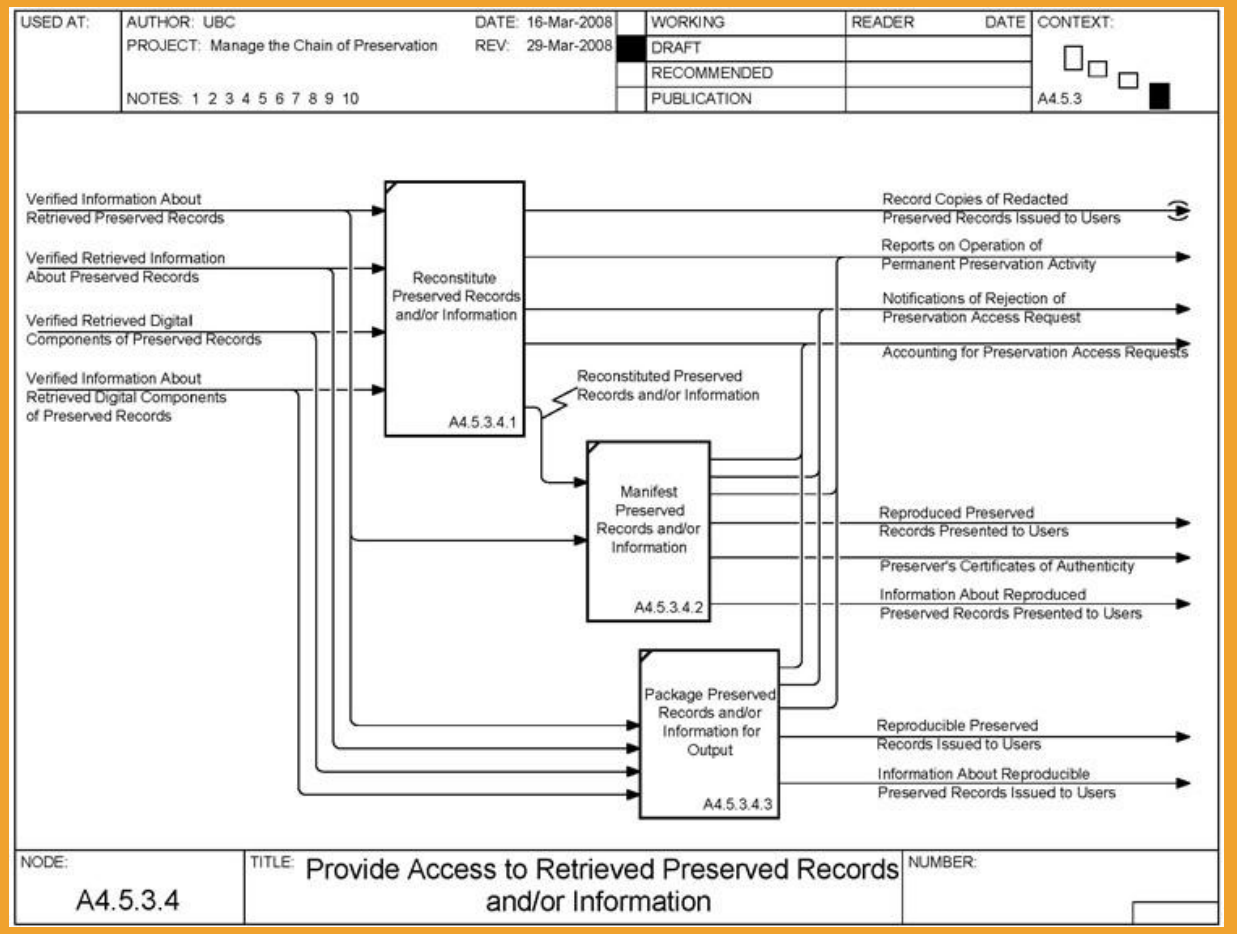
OAIS Reference Model



InterPARES2 Chain of Preservation

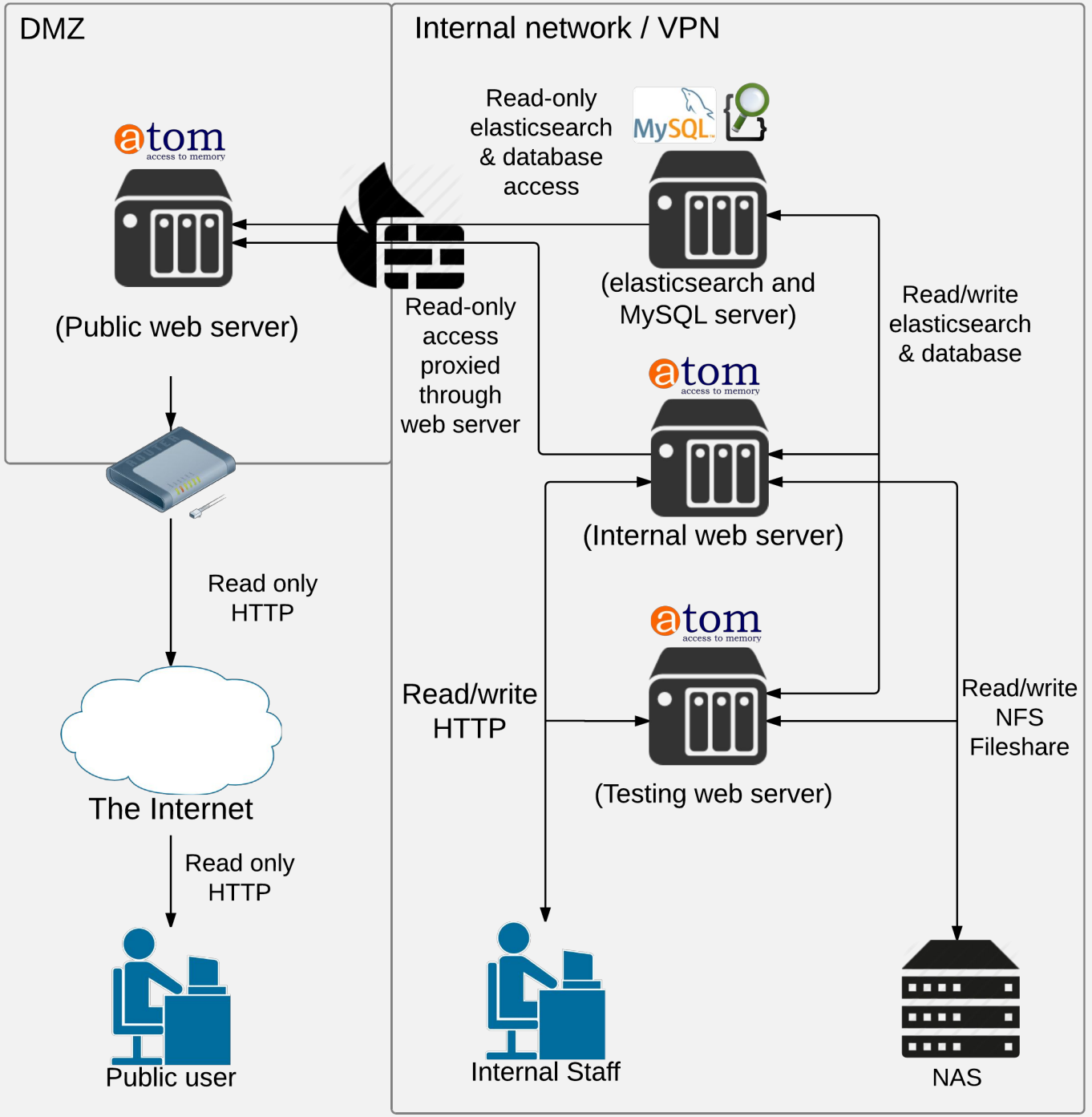


A4.5 – Output Records

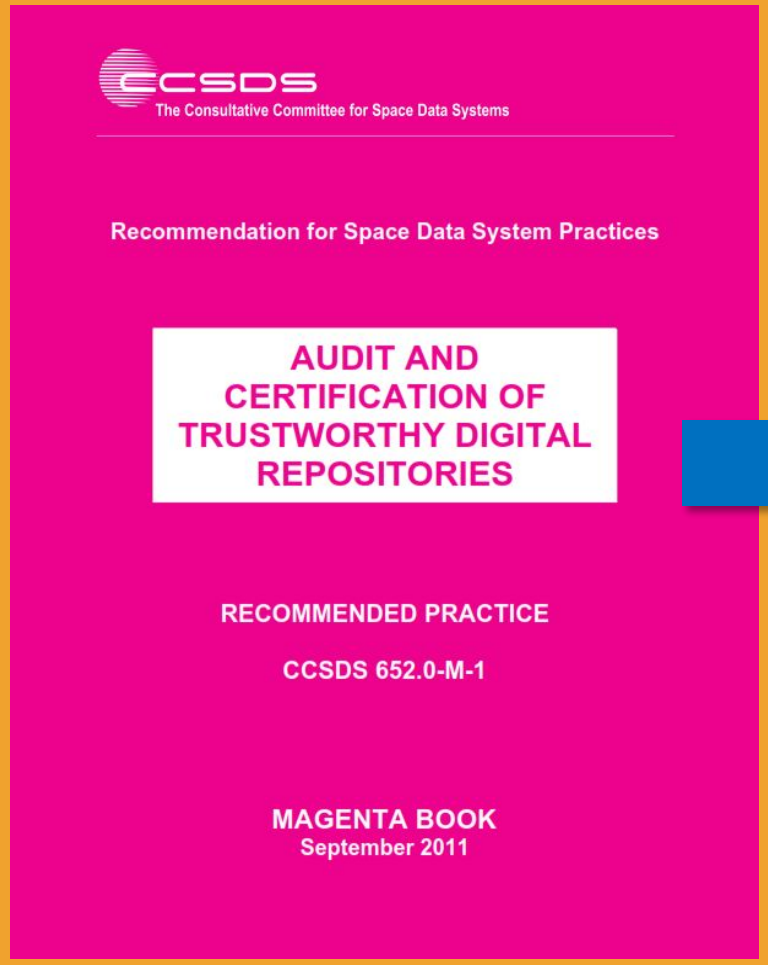


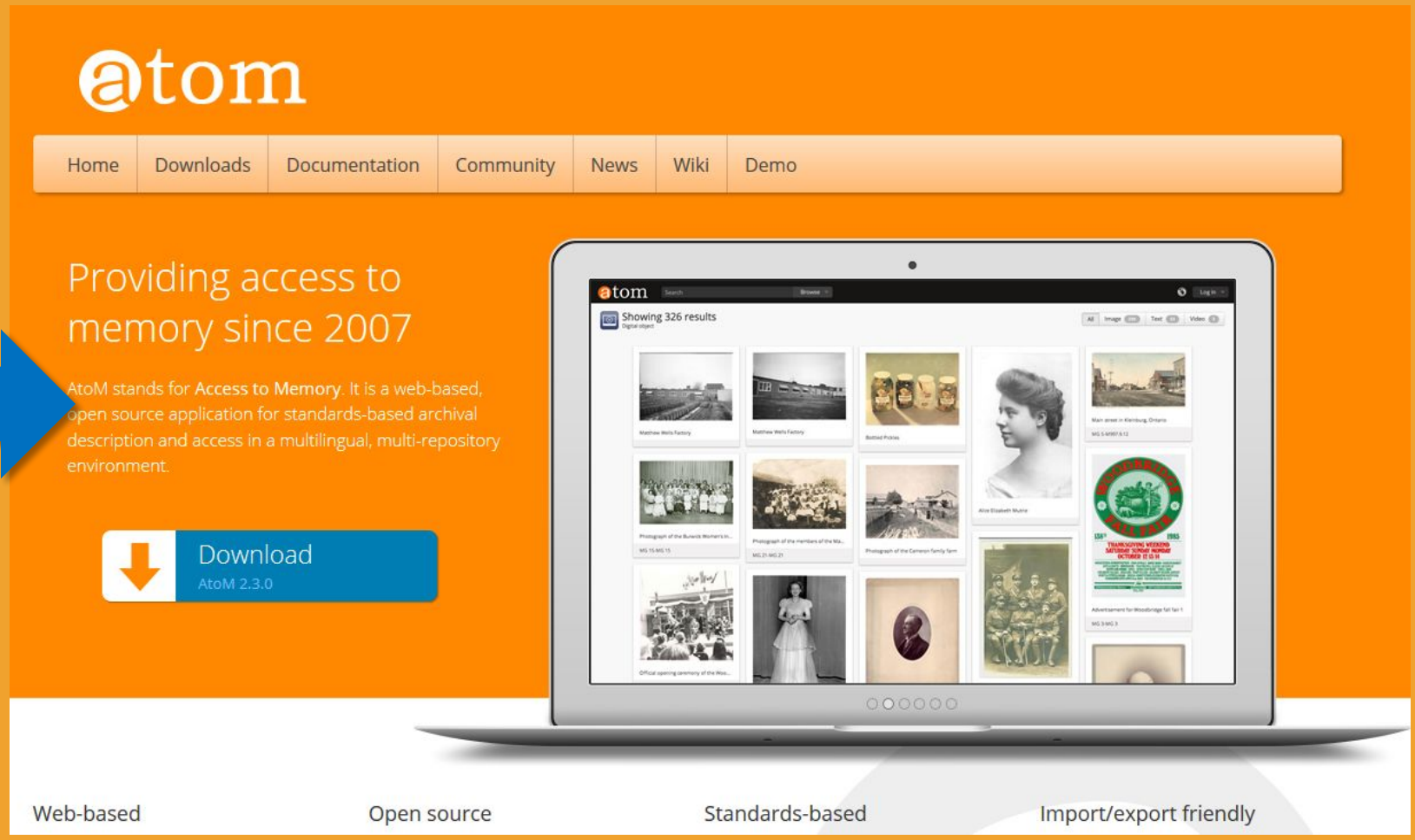
A4.5.3.4 – Provide Access

The real world is rarely as simple as our models



Mapping ISO 16363 to AtoM

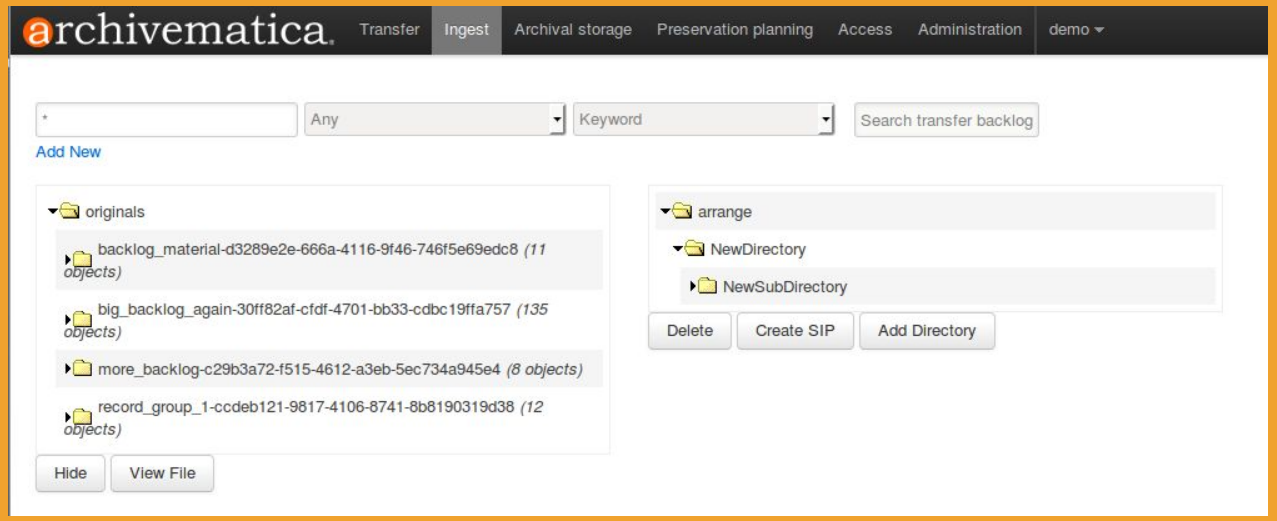


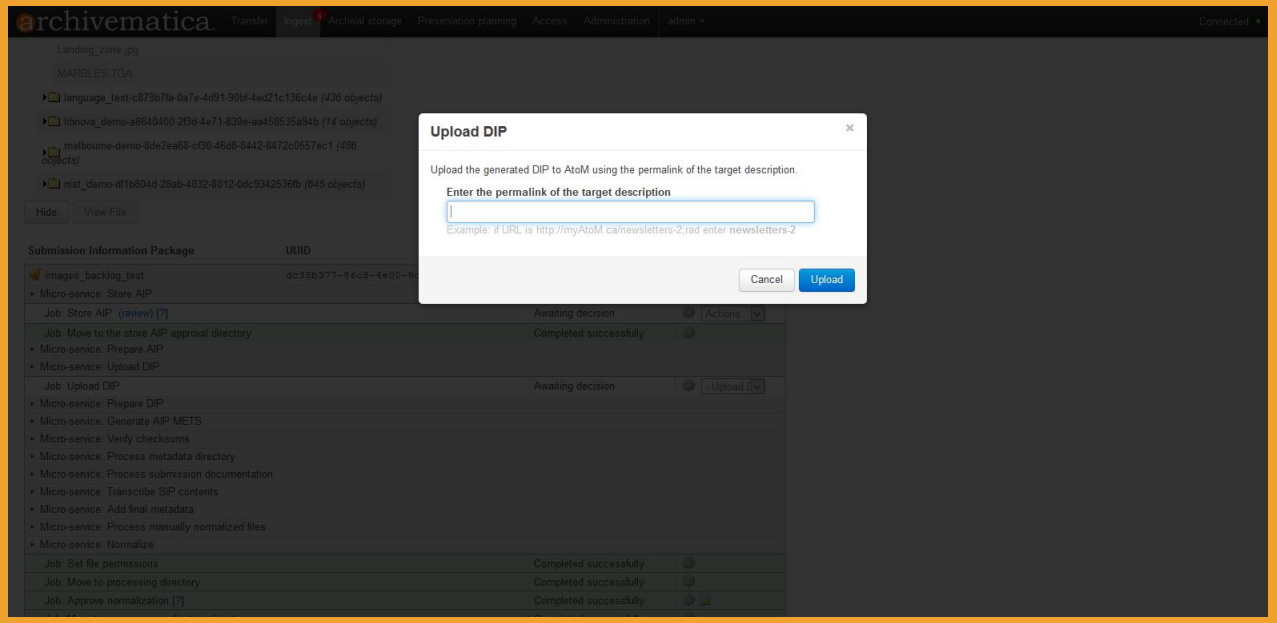


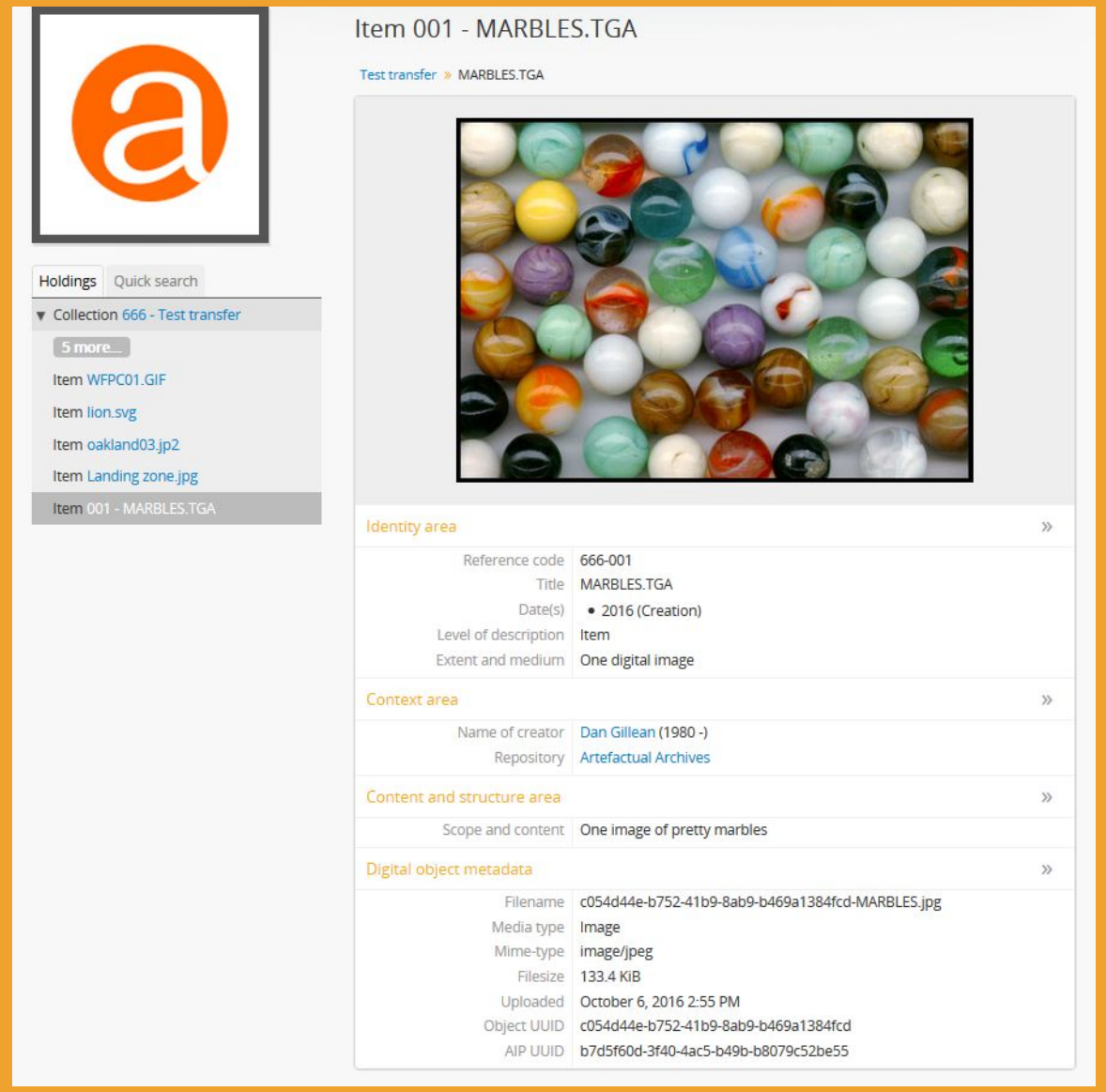
ISO 16363:2012

Access to Memory

DIP upload from Archivematica to AtoM





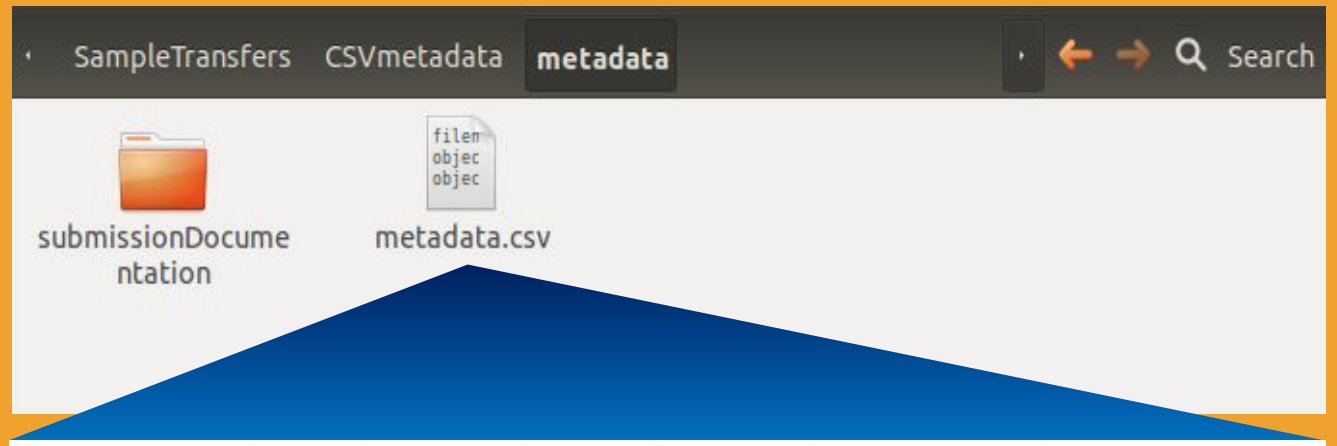


Mapping ISO 16363 to AtoM

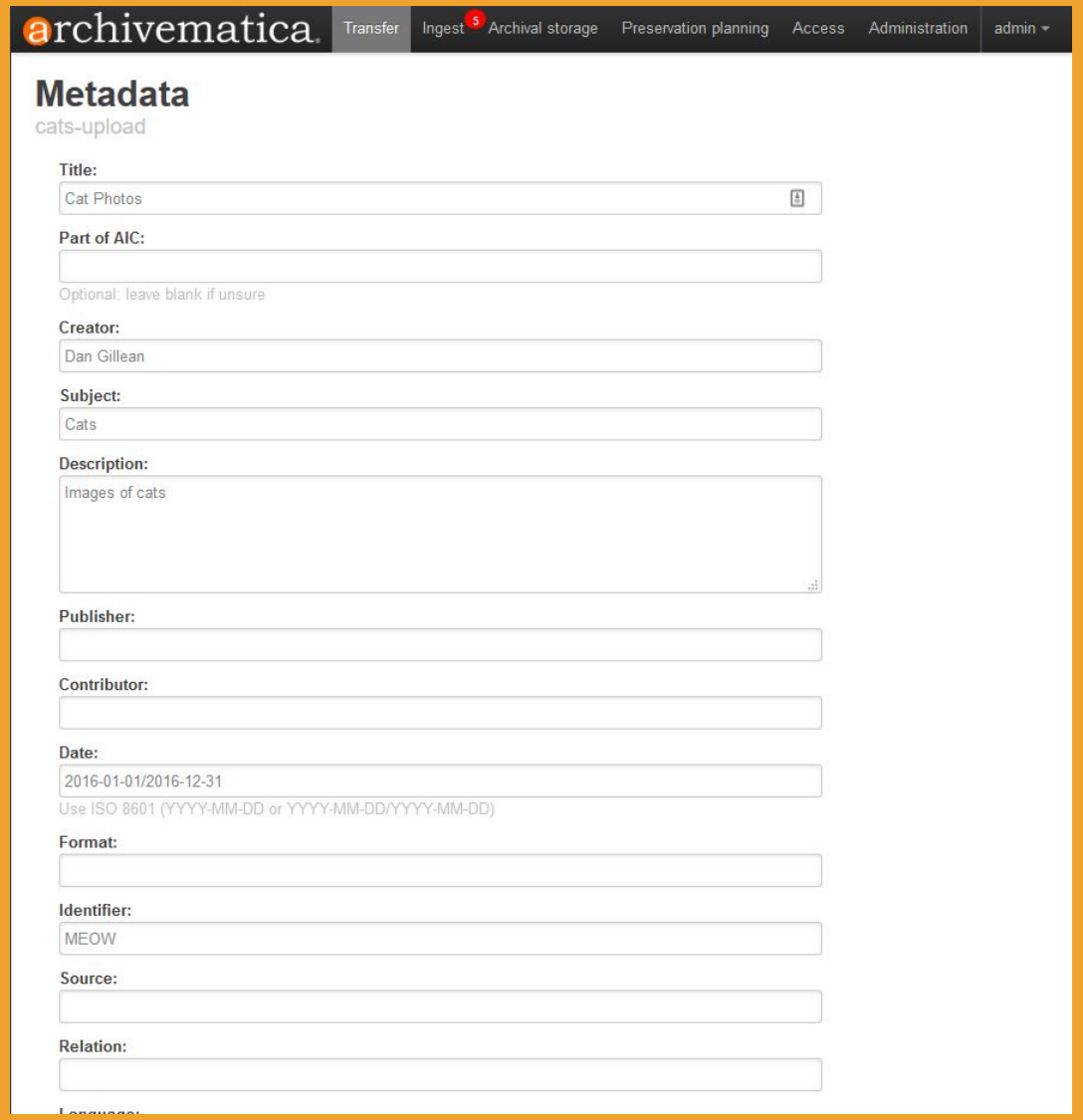
4.5.2 - The repository shall capture or create minimum descriptive information and ensure that it is associated with the AIP.

Discussion: The repository should show that it associates with each AIP, minimum descriptive information that was either received from the producer or created by the repository. Associating the descriptive information with the object is important, although it does not require one-to-one correspondence, and may not necessarily be stored with the AIP. Hierarchical schemes of description can allow some descriptive elements to be associated with many items.

Mapping ISO 16363 to AtoM



filename	dc.title	dcterms.issued	dc.publisher	dc.contributor	dc.subject	dc.subject	dc.date	dc.description
objects/BrocktonOval.jp2	Stanley Park in December	1996-01-17	Riley Studios, Vancouver BC	Don Langfield, photographer	Vancouver (B.C.)–Parks	Landscapes	1992/12/04	Image shows Brockton Oval after light snowfall
objects/QEParksunset.jp2	Sunset in Queen Elizabeth Park		Riley Studios, Vancouver BC	Don Langfield, photographer	Vancouver (B.C.)–Parks		1994/07/13	



Object level metadata can be added to a transfer via CSV, or aggregate metadata can be added via Archivematica's web-based DC template. In both cases, data will be copied to AtoM during DIP upload.

Mapping ISO 16363 to AtoM

4.5.3 The repository shall maintain bi-directional linkage between each AIP and its descriptive information.

Discussion: Repositories must implement procedures to establish and maintain relationships to associate descriptive information for each AIP, and should ensure that every AIP has some descriptive information associated with it and that all descriptive information must point to at least one AIP.

Mapping ISO 16363 to AtoM

Holdings | Quick search

▼ Collection 666 - Test transfer

5 more...

Item WFPC01.GIF

Item lion.svg

Item oakland03.jp2

Item Landing zone.jpg

Item 001 - MARBLES.TGA

Item 001 - MARBLES.TGA

Test transfer » MARBLES.TGA

Identity area

Reference code	666-001
Title	MARBLES.TGA
Date(s)	• 2016 (Creation)
Level of description	Item
Extent and medium	One digital image

Context area

Name of creator	Dan Gillean (1980 -)
Repository	Artefactual Archives

Content and structure area

Scope and content	One image of pretty marbles

Digital object metadata

Filename	c054d44e-b752-41b9-8ab9-b469a1384fcd-MARBLES.jpg
Media type	Image
Mime-type	image/jpeg
Filesize	133.4 KiB
Uploaded	October 6, 2016 2:55 PM
Object UUID	c054d44e-b752-41b9-8ab9-b469a1384fcd
AIP UUID	b7d5f60d-3f40-4ac5-b49b-b8079c52be55

archivematica Transfer | Ingest 6 | Archival storage | Preservation planning | Access | Administration | admin

AIP	DIP URL	Upload date	Upload status	Actions
dip_test	http://bushey.archivematica.org/index.php/sword/deposit/sept-test	Sept. 9, 2016, 6:30 p.m.	Deposited asynchronously, AtoM is processing the DIP in the job queue	Delete
dip_4	http://bushey.archivematica.org/index.php/sword/deposit/sept-test	Sept. 9, 2016, 7:30 p.m.	Deposited asynchronously, AtoM is processing the DIP in the job queue	Delete
ABC_Collection	http://bushey.archivematica.org/index.php/sword/deposit/abc-collection	Sept. 9, 2016, 8:11 p.m.	Deposited asynchronously, AtoM is processing the DIP in the job queue	Delete
Photographs	http://bushey.archivematica.org/index.php/sword/deposit/photographs-5	Sept. 12, 2016, 4:36 p.m.	Deposited asynchronously, AtoM is processing the DIP in the job queue	Delete
melbourne-demo-combined	http://bushey.archivematica.org/index.php/sword/deposit/melbourne	Sept. 14, 2016, 12:51 a.m.	Deposited asynchronously, AtoM is processing the DIP in the job queue	Delete
metadata-date-test	http://bushey.archivematica.org/index.php/sword/deposit/metadata-date-test	Sept. 23, 2016, 7:11 p.m.	Deposited asynchronously, AtoM is processing the DIP in the job queue	Delete
metadata-date-test-yyyy-00-00	http://bushey.archivematica.org/index.php/sword/deposit/metadata-date-test-2	Sept. 23, 2016, 7:20 p.m.	Deposited asynchronously, AtoM is processing the DIP in the job queue	Delete

Digital object metadata

Filename	c054d44e-b752-41b9-8ab9-b469a1384fcd-MARBLES.jpg
Media type	Image
Mime-type	image/jpeg
Filesize	133.4 KiB
Uploaded	October 6, 2016 2:55 PM
Object UUID	c054d44e-b752-41b9-8ab9-b469a1384fcd
AIP UUID	b7d5f60d-3f40-4ac5-b49b-b8079c52be55

Mapping ISO 16363 to AtoM

4.6.2 The repository shall follow policies and procedures that enable the dissemination of digital objects that are traceable to the originals, with evidence supporting their authenticity.

Discussion: ...A repository should record the processes to construct the DIPs from the relevant AIPs. This is a key part of establishing that DIPs reflect the content of AIPs, and hence of original material, in a trustworthy and consistent fashion. DIPs may simply be a copy of AIPs, or may result from a simple format transformation of an AIP. ...This requirement is concerned only with the relation between DIPs and the AIPs from which they are derived; elsewhere the link between the originals SIPs and the AIPs is considered.

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<mets:xmlData>
  <premis:event xmlns:premis="info:lc/xmlns/premis-v2" xsi:schemaLocation="info:lc/xmlns/premis-v2 http://www.loc.gov/star
    <premis:eventIdentifier>
      <premis:eventIdentifierType>UUID</premis:eventIdentifierType>
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    </premis:eventIdentifier>
    <premis:eventType>normalization</premis:eventType>
    <premis:eventDateTime>2016-10-06T21:52:54+00:00</premis:eventDateTime>
    <premis:eventDetail>ArchivematicaFPRCommandID="a34ddc9b-c922-4bb6-8037-bbe713332175"; program="convert";
      version="Version: ImageMagick 6.7.7-10 2016-06-01 Q16 http://www.imagemagick.org"
    </premis:eventDetail>
    <premis:eventOutcomeInformation>
      <premis:eventOutcome></premis:eventOutcome>
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    </premis:eventOutcomeInformation>
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        <premis:eventIdentifierType>UUID</premis:eventIdentifierType>
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      </premis:eventIdentifier>
      <premis:eventType>transcription</premis:eventType>
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      tesseract %fileFullName% \"$ocrfiles/%fileName%\"
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      <premis:eventOutcomeInformation>
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    </premis:event>
```

Mapping ISO 16363 to AtoM

Holdings | Quick search

▼ Collection 666 - Test transfer

5 more...

Item WFPC01.GIF

Item lion.svg

Item oakland03.jp2

Item Landing zone.jpg

Item 001 - MARBLES.TGA

Item 001 - MARBLES.TGA

Test transfer » MARBLES.TGA

Identity area

Reference code	666-001
Title	MARBLES.TGA
Date(s)	• 2016 (Creation)
Level of description	Item
Extent and medium	One digital image

Context area

Name of creator	Dan Gillean (1980 -)
Repository	Artefactual Archives

Content and structure area

Scope and content	One image of pretty marbles

Digital object metadata

Filename	c054d44e-b752-41b9-8ab9-b469a1384fcd-MARBLES.jpg
Media type	Image
Mime-type	image/jpeg
Filesize	133.4 KiB
Uploaded	October 6, 2016 2:55 PM
Object UUID	c054d44e-b752-41b9-8ab9-b469a1384fcd
AIP UUID	b7d5f60d-3f40-4ac5-b49b-b8079c52be55

archivematica Transfer | Ingest 6 | Archival storage | Preservation planning | Access | Administration | admin

AIP	DIP URL	Upload date	Upload status	Actions
dip_test	http://bushey.archivematica.org/index.php/sword/deposit/sept-test	Sept. 9, 2016, 6:30 p.m.	Deposited asynchronously, AtoM is processing the DIP in the job queue	Delete
dip_4	http://bushey.archivematica.org/index.php/sword/deposit/sept-test	Sept. 9, 2016, 7:30 p.m.	Deposited asynchronously, AtoM is processing the DIP in the job queue	Delete
ABC_Collection	http://bushey.archivematica.org/index.php/sword/deposit/abc-collection	Sept. 9, 2016, 8:11 p.m.	Deposited asynchronously, AtoM is processing the DIP in the job queue	Delete
Photographs	http://bushey.archivematica.org/index.php/sword/deposit/photographs-5	Sept. 12, 2016, 4:36 p.m.	Deposited asynchronously, AtoM is processing the DIP in the job queue	Delete
melbourne-demo-combined	http://bushey.archivematica.org/index.php/sword/deposit/melbourne	Sept. 14, 2016, 12:51 a.m.	Deposited asynchronously, AtoM is processing the DIP in the job queue	Delete
metadata-date-test	http://bushey.archivematica.org/index.php/sword/deposit/metadata-date-test	Sept. 23, 2016, 7:11 p.m.	Deposited asynchronously, AtoM is processing the DIP in the job queue	Delete
metadata-date-test-yyyy-00-00	http://bushey.archivematica.org/index.php/sword/deposit/metadata-date-test-2	Sept. 23, 2016, 7:20 p.m.	Deposited asynchronously, AtoM is processing the DIP in the job queue	Delete

Digital object metadata

Filename	c054d44e-b752-41b9-8ab9-b469a1384fcd-MARBLES.jpg
Media type	Image
Mime-type	image/jpeg
Filesize	133.4 KiB
Uploaded	October 6, 2016 2:55 PM
Object UUID	c054d44e-b752-41b9-8ab9-b469a1384fcd
AIP UUID	b7d5f60d-3f40-4ac5-b49b-b8079c52be55

Mapping ISO 16363 to AtoM

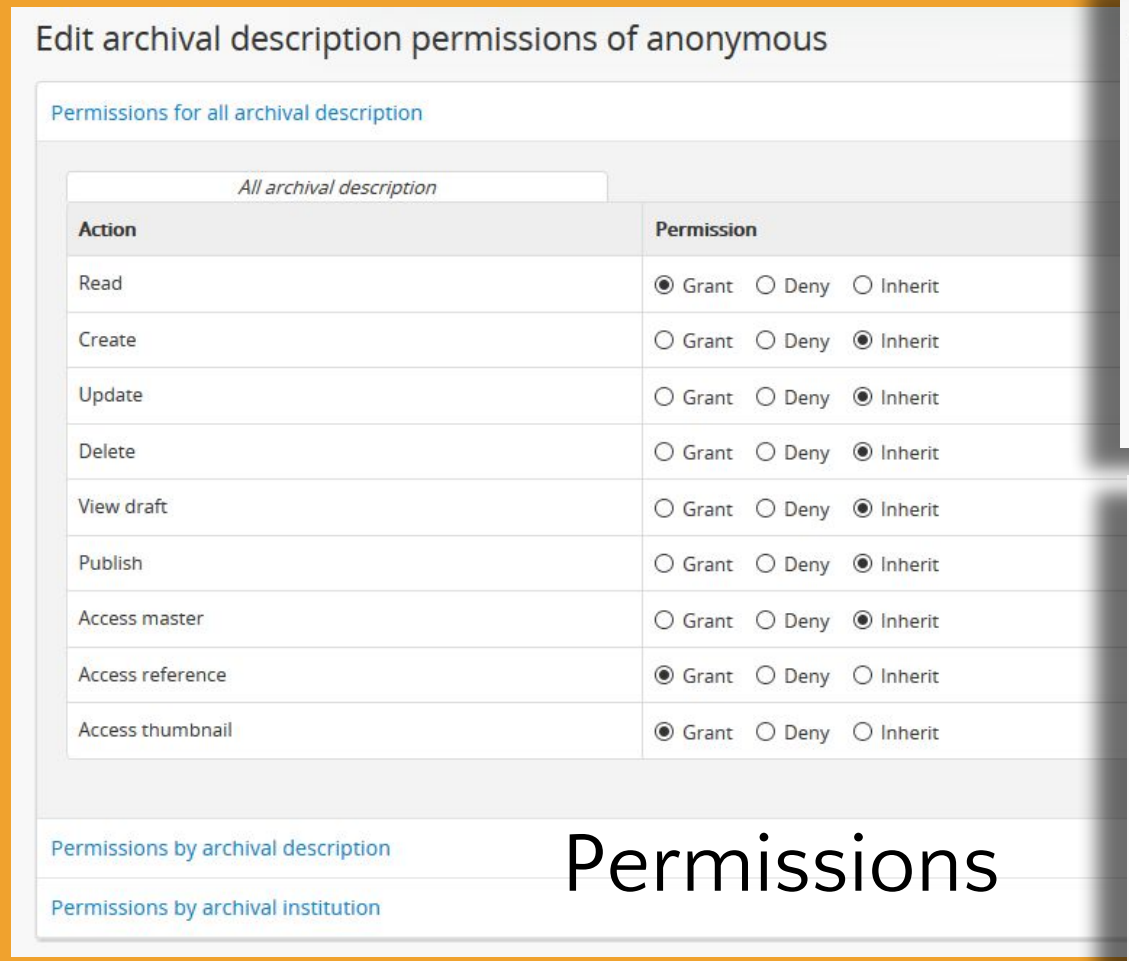
4.6.1 The repository shall comply with Access Policies.

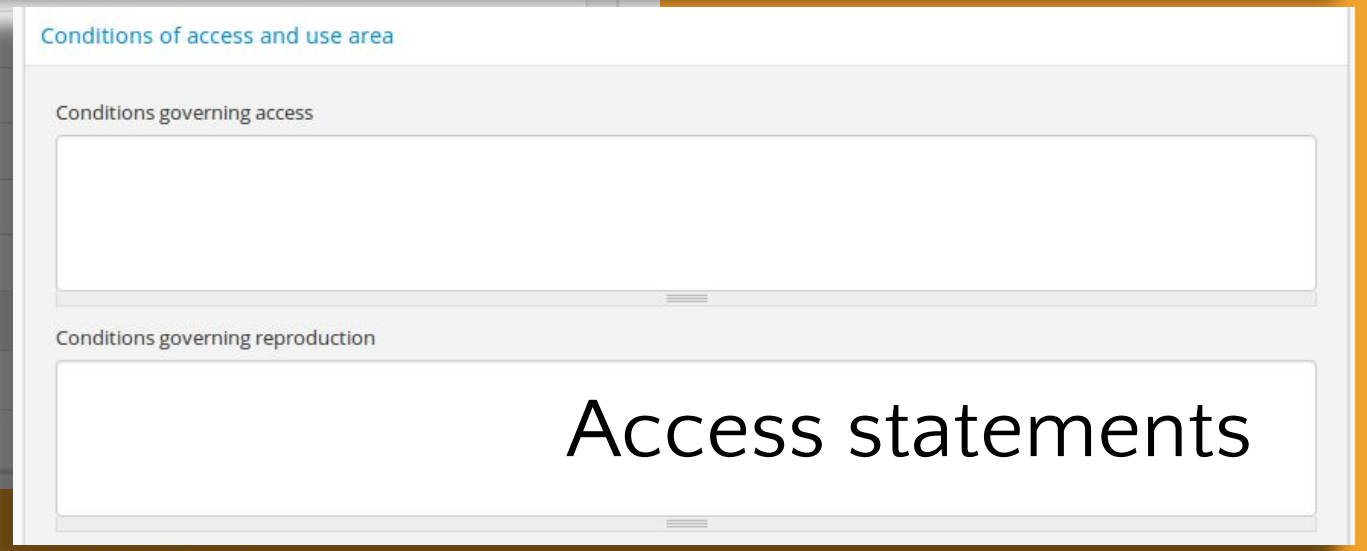
Discussion: Depending on the nature of the repository, the Access Policies may cover:

- statements of what is accessible to which community, and on what conditions;
- requirements for authentication and authorization of accessors;
- enforcement of agreements applicable to access conditions;
- recording of access actions.

Access may be managed partly by computers and partly by humans; checking passports, for instance, before issuing a user ID and password may be an appropriate part of access management for some institutions.

Mapping ISO 16363 to AtoM





Mapping ISO 16363 to AtoM

Permissions

PREMIS access permissions

PREMIS act

Display

Permissions

	Allow			Conditional			Disallow		
Basis	Master	Reference	Thumb	Master	Reference	Thumb	Master	Reference	Thumb
Copyright	☑	☑	☑	☐	☐	☑	☐	☐	☐
License	☑	☑	☑	☐	☑	☑	☐	☐	☐
Statute	☑	☑	☑	☐	☑	☑	☐	☐	☐
Policy	☑	☑	☑	☐	☐	☐	☐	☐	☐
Donor	☐	☑	☑	☐	☐	☑	☐	☐	☐

Mapping ISO 16363 to AtoM

PREMIS access statements

- Copyright
- License
- Statute
- Policy
- Donor

Disallow statement

Access to this record is limited due to copyright restrictions. Please contact the Reference Archivist for more information on accessing this record.

Conditional statement

Access to the original record is limited to those visiting the Reading Room, who sign a statement attesting to non-commercial usage. Please contact the Reference Archivist for more information on accessing this record.

Mapping ISO 16363 to AtoM

Edit PREMIS Rights

Manage Rights inheritance

View Rights

Rights access statement

Mapping ISO 16363 to AtoM

Showing 20 results
Archival description

Only top-level descriptions ×

Sort by: Most recent

6 results with digital objects Show results with digital objects

St. Catharines Local Council of Women fonds

CA ON00028 RG 76 · Fonds · 1918-2001

The first series, Administrative Records, includes annual reports, constitution and by-laws, correspondence, minutes and resolutions. The second series, Non-administrative Records, includes the activities of the Council including membership lists,...

St. Catharines Local Council of Women

Waterloo Lutheran Seminary collection

CA ON00362 U151 · Collection · 1910 -

The collection consists of various textual records including correspondence, reports, notes, promotional material, constitution and by-laws, newspaper clippings, material for publication, award applications, special event programs, church service ...

Waterloo Lutheran Seminary

Mapping ISO 16363 to AtoM

Showing 8 results

Rights holder

Search rights holder

Name	Updated
Munn Family	November 20, 2013 6:19 PM
Kathleen Egan	November 20, 2013 11:05 AM
Percy Photography Studio	October 9, 2013 8:29 PM
Michael Snow	October 9, 2013 8:00 PM
United Church of Canada	October 9, 2013 7:56 PM
Women's College Hospital	October 9, 2013 7:55 PM
Milne Family	October 9, 2013 7:53 PM
Bob Keir	October 9, 2013 7:51 PM

Add new

View rights holder

Percy Photography Studio

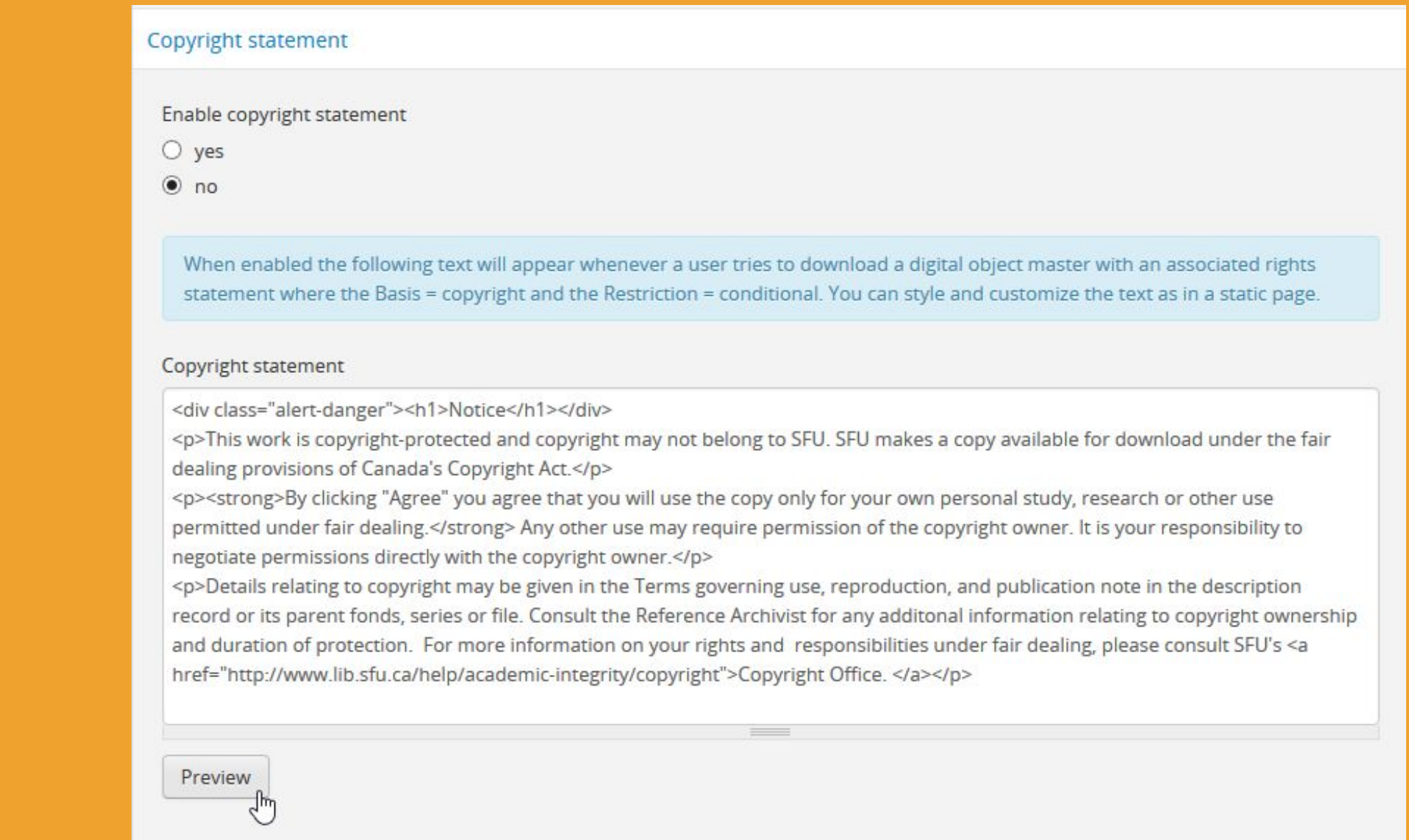
Authorized form of name	Percy Photography Studio

Contact area

	Gavin Percy PRIMARY CONTACT
Type	Proprieter
Address	Street address: 64 West F-Stop Street Locality: PolaroidsVille Region: British Columbia Country name: Canada Postal code: V6A 1Z0
Telephone	1-666-876-0987
Email	percystudios@example.ca
URL	http://www.percystudies.example.net

Edit Delete Add new

Mapping ISO 16363 to AtoM



Mapping ISO 16363 to AtoM

Copyright statement preview

Untitled

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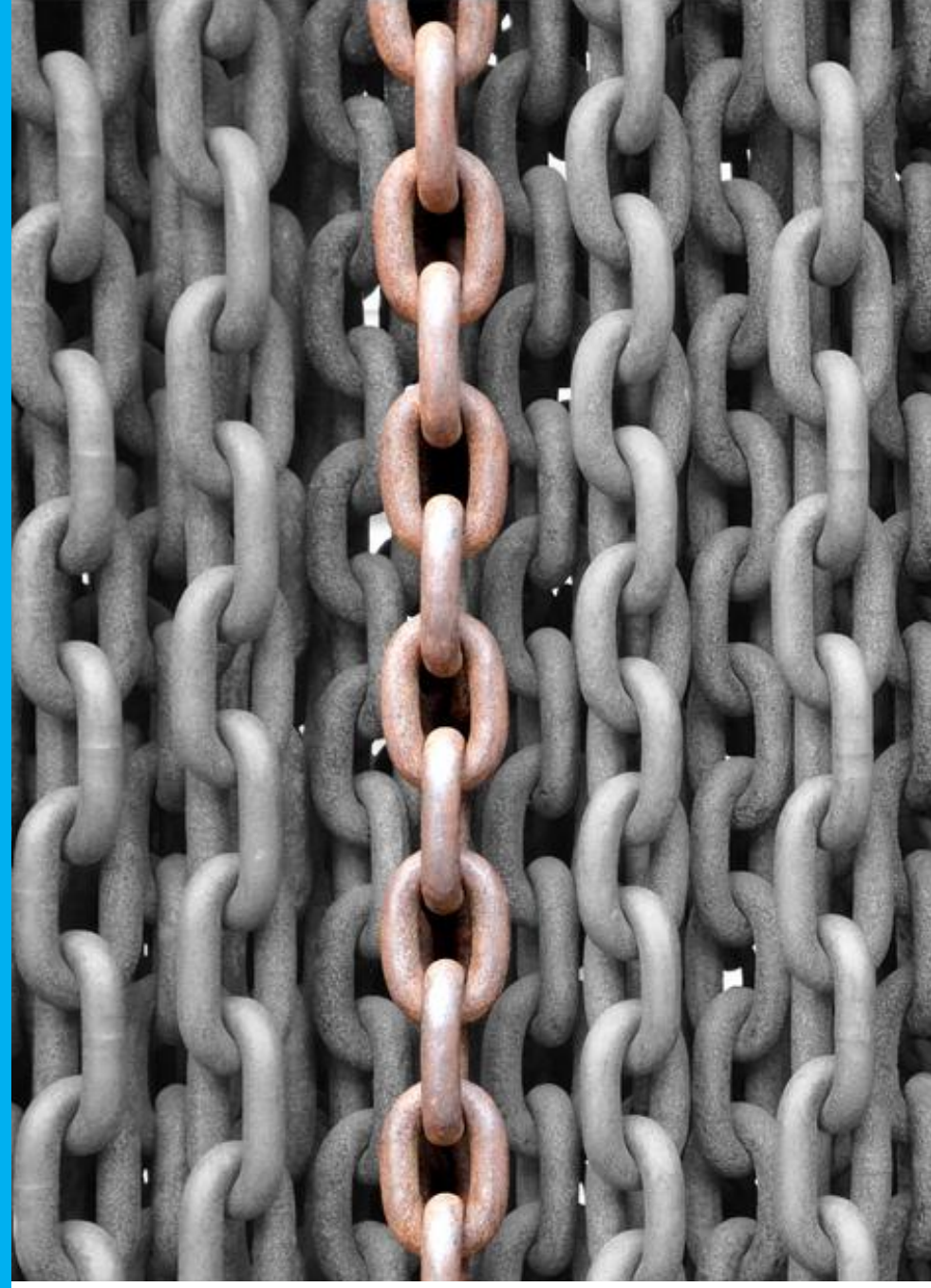
AtoM, Archivematica, and Chain of Custody

- Ability to include and upload DC metadata
- Archivematica's Access tab
- File and AIP UUID stored in AtoM
- Original objects always kept in AIP
- METS file captures all transformations
- AtoM PREMIS actionable rights settings
- ISAD(g) access statement fields
- AtoM Rights holder module
- Publication status and User/Group permissions



Jorge González, "Chains reloaded."July 29, 2011.
https://www.flickr.com/photos/aloriel/6292261464

Future development possibilities

- Shared Format Policy Registry between AtoM and Archivematica
- Ability to start transfers from AtoM uploaded masters
- Better 2-way communication and updates between systems
- Ability to send metadata (EAD XML or CSV) to Archivematica as a separate AIP that can be related via pointers to an existing AIP containing digital objects

QUESTIONS?

info@artefactual.com

Thanks!

RESOURCES

AtoM homepage: https://www.accesstomemory.org

AtoM demo: http://demo.accesstomemory.org

Roadmap: https://wiki.accesstomemory.org/Releases/Roadmap

Documentation: https://www.accesstomemory.org/docs/latest/

User forum: https://groups.google.com/forum/#!forum/ica-atom-users