

Access to Memory

A flexible open-source application
for standards-based description and access



[About](#)[Downloads](#)[Documentation](#)[Community](#)[Wiki](#)[Demo](#)

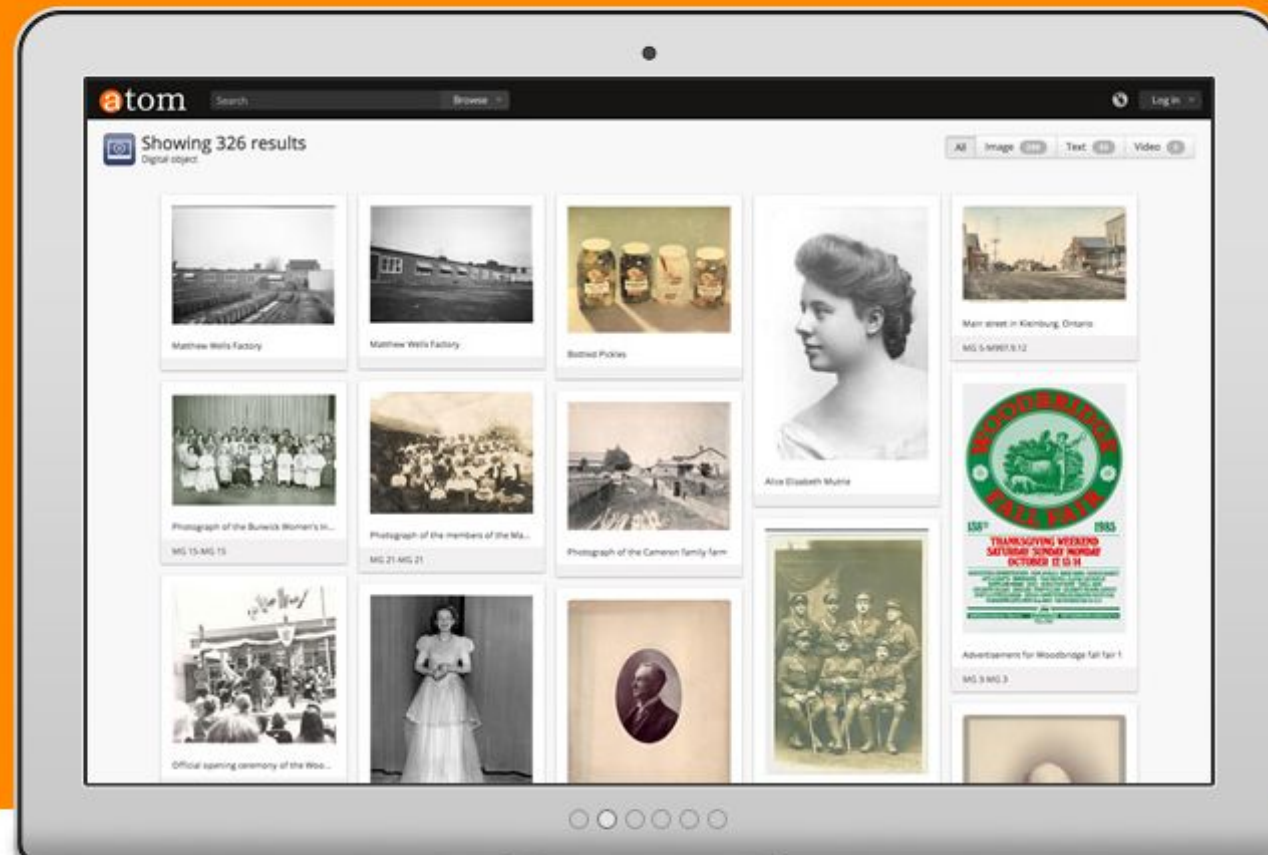
Providing access to memory since 2007

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.



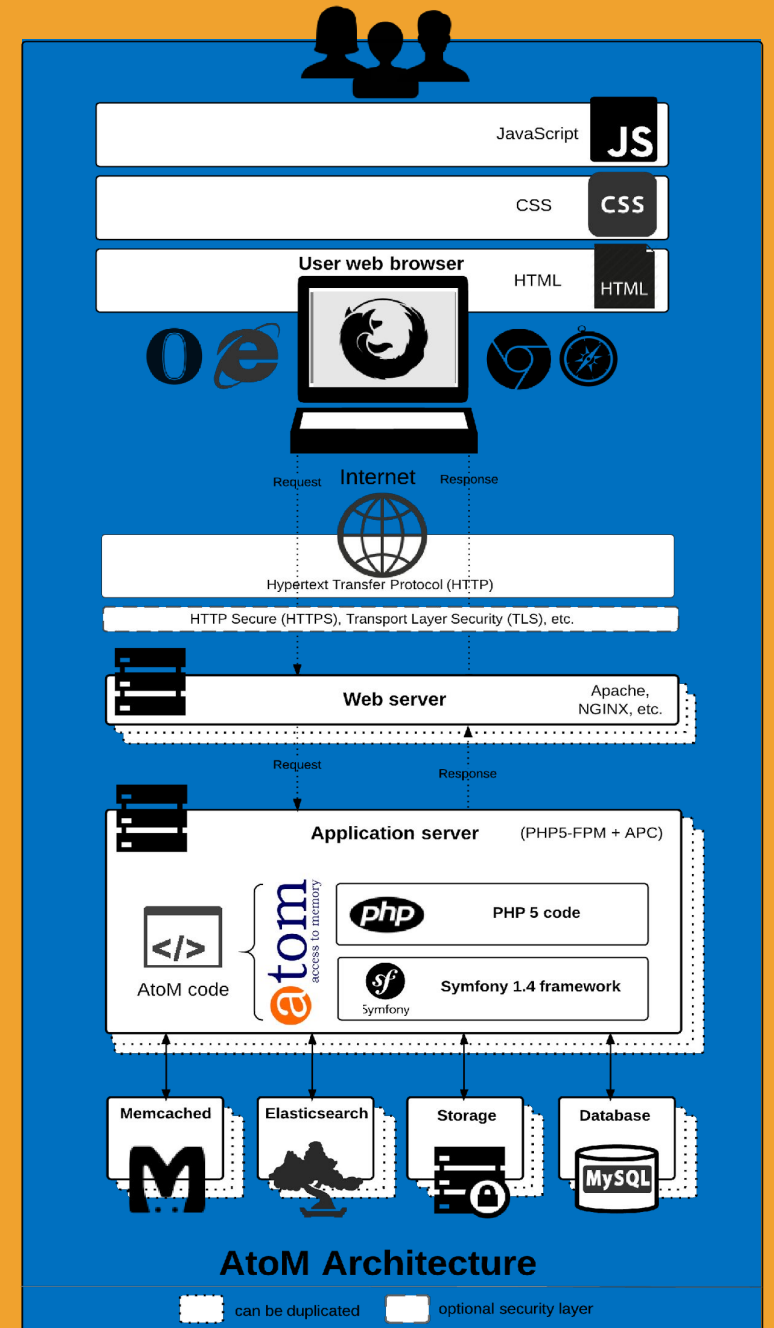
Web-based: platform independent

Browser-based user interface.

- Anyone with access to a browser (e.g., Chrome, Internet Explorer, Firefox, Safari etc.) has access to all the features and functionality of the AtoM application.

Platform independent application.

- The application runs on a web server that can be installed and run on many platforms.



Open source: free as in freedom

AtoM is built with open source tools (NGINX, MySQL, Symfony, Elasticsearch), rather than proprietary (i.e., closed-source). The underlying software code of AtoM is open source.



Free to use
Free to modify
Free to share

GitHub This repository Search Explore Features Enterprise Blog Sign up

artefactual / atom Watch 21 Star 28

Open-source, web application for archival description and public access. <http://www.accesstomemory.org>

1,982 commits 50 branches 20 releases 15 contributors

branch: qa/2.2.x atom / +

Generic label for admin/bio history, refs #7948 ...

djuhasz authored 6 days ago latest commit c74e11f3b1

.tx	Transifex: update slug for 2.2	6 months ago
apps/qubit	Generic label for admin/bio history, refs #7948	6 days ago
cache	Stop using .gitignore under certain directories.	3 years ago
config	Enable escaping_strategy, refs #7647 #7699	a month ago
css	Merge branch '1.x' into 2.x	2 years ago
data	Finding Aid changes, refs #7723	27 days ago

Code Pull Request Pulse Graphs

HTTPS clone URL <https://github.com/artefactual/atom>

You can clone with Subversion.

Clone Download

Open source: free as in freedom

Documentation is freely available

Public User Forum for troubleshooting
and community-building





Wiki with community resources,
example users, etc.

YouTube video tutorials and webinar
recordings



Main menu

The **main menu** is a navigational tool that appears in the AtOM **header bar** for authenticated (i.e. logged in) users. It consists of 4 sub-menus, represented by icons:

- **Add** - represented by a  icon
- **Manage** - represented by a  icon
- **Import** - represented by a  icon
- **Admin** - represented by a  icon

Each sub-menu is designed as a **drop-down menu** - hovering over an icon in the **main menu** will cause a **tooltip** to appear with the name of the sub-menu (Add, Manage, Import, or Admin). Clicking on one of the icons will cause the drop-down to reveal the options available.

Access to the elements of the main menu (the sub-menus) depends on the **access privileges** associated with each user account. Consequently, some users may not see some of the icons for the sub-menus in the **main menu** after logging in. Access privileges are determined by the **user role** associated with a **user account** - for example, a **contributor** will see the **Add** and **Manage** menus, but not the **Import** or **Admin** menus. Only **administrators** will see all 4 sub-menus (Add, Manage, Import, Admin) in the **main menu**.

- For information on user roles, see: [User roles](#)
- For information on managing User accounts see: [Manage user accounts](#).
- For information on changing the permissions associated with an account or a group, see: [Edit user permissions](#)

Tip

Administrators can add and remove options in the sub-menus (Add, Manage, Import, Admin) of the main menu via **Admin > Menus**. For more information, see [Manage menus](#)

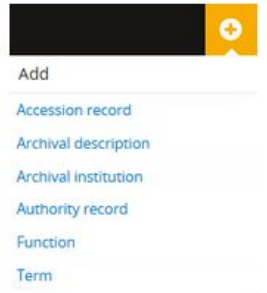
+ ADD

The Add menu's options will redirect users to blank records in **edit mode**, ready for data entry. Using the Add menu, users can quickly create new **accession records**, **archival descriptions**, **archival institutions**, **authority records**, **functions**, and **terms**.

All records are created independently of other records, and will not be a part of a pre-existing hierarchy - that is to say, they will be top-level records.

Find more information on working with:

- [Accession records](#)
- [Archival descriptions](#)
- [Archival institutions](#)
- [Authority records](#)
- [Functions](#)
- [Terms](#)



MANAGE

The Manage menu allows authenticated (i.e. logged in) users to quickly access browse lists for key **entity types** in AtOM - **accessions**, donors, **physical storage**, **rights holders**, and **taxonomies**. When selecting from the Manage menu's **drop-down**, the user is redirected to a browse page for the selected **entity** or record type.



Standards-based description

User-friendly content standard edit templates

atom Demo Search City of Greater Sudbury Archives Browse Log In

Fonds 016 - Kantokoski (Koski), Koivula & Korpela Family

Holdings Quick search

- Fonds 016 - Kantokoski (Koski), Koivula & Korpela Family
- Sous-fonds .1 - Ann Eva Chisholm (nee ...)
- Series 1 - Kantokoski (Koski) Family
- Series 2 - Koivula Family
- Series 3 - Korpela Family

Sisters L - front row: Os...

Results 1 to 20 of 34 Show all

Title and statement of responsibility area

Title proper	Kantokoski (Koski), Koivula & Korpela Family
Title notes	Source of title proper: Title based on the content of the fonds.
Level of description	Fonds
Repository	City of Greater Sudbury Archives
Reference code	ON00120 016

Dates of creation area

Date(s)	[ca. 1906] - 2011 (Creation)
Creator	Kantokoski (Koski), Koivula & Korpela Family

Physical description area

Physical description	0.130 m of textual records 1 3 1/2-inch floppy disc 27 photographs : b&w & col. copy print; 25 x 20 cm or smaller 2 photographs : sepia copy print; 17 x 22 cm 1 drawing : ceramic
----------------------	--

Archival description area

Name of creator	Kantokoski (Koski), Koivula & Korpela Family (1924 - present (in Canada))
Biographical history	

Reports
Export
Dublin Core 1:1 XML
EAD 2002 XML
Related people and organizations
Kantokoski (Koski), Koivula & Korpela Family (Creator)
Related places
Canada » Ontario » Sudbury, Greater

atom Demo Search City of Greater Sudbury Archives Browse Log In

016 - Kantokoski (Koski), Koivula & Korpela Family

Holdings Quick search

- Fonds 016 - Kantokoski (Koski), Koivula & Korpela Family
- Sous-fonds .1 - Ann Eva Chisholm (nee ...)
- Series 1 - Kantokoski (Koski) Family
- Series 2 - Koivula Family
- Series 3 - Korpela Family

Amalia Koivula with Grand...

Results 1 to 20 of 34 Show all

Elements area

Identifier	016
Title	Kantokoski (Koski), Koivula & Korpela Family
Creator	Kantokoski (Koski), Koivula & Korpela Family (1924 - present (in Canada))
Date(s)	[ca. 1906] - 2011 (Creation)
Creator	Kantokoski (Koski), Koivula & Korpela Family
Description	This fonds consists of photographs and various textual material.
Format	0.130 m of textual records 1 3 1/2-inch floppy disc 27 photographs : b&w & col. copy print; 25 x 20 cm or smaller 2 photographs : sepia copy print; 17 x 22 cm 1 drawing : ceramic
Language	English
Language	Finnish
Relation (sLocatedAt)	City of Greater Sudbury Archives
Coverage (spatial)	Sudbury, Greater

Reports
Import
XML
CSV
Export
Dublin Core 1:1 XML
EAD 2002 XML
Related people and organizations
Kantokoski (Koski), Koivula & Korpela Family (Creator)
Related places
Canada » Ontario » Sudbury, Greater

Templates: ISAD(G), DACS, RAD, DC, MODS, ISAAR-CPF, ISDIAH, ISDF



Multi-lingual support

Translate

Content and user interface elements

인간과기억아카이브 atom
HUMAN AND MEMORY ARCHIVES ATOM SYSTEM

Search *인간과기억아카이브 Browse

소장기록물 정보 인물·단체별 정보 기록소장처별 정보 장소별 기록물 디지털 기록물

Fonds F1 - 이창윤 기증기록물 fonds

개인기증 collection > 이창윤 기증기록물 fonds

Identity area

Reference code	KR HMA C1>F1
Title	이창윤 기증기록물 fonds
Level of description	Fonds
Extent and medium	노트 반쪽

Context area

Repository	*인간과기억아카이브
------------	------------

Content and structure area

Scope and content	시간적 범위: 1984 내용적 범위: 모친에게 보낸 안부 메모 1건
-------------------	--

Conditions of access and use area

Language of material	Korean
----------------------	--------

Allied materials area

Existence and location of originals	1번서가-가열-1단
Existence and location of copies	이창윤 컬렉션에 해당하는 1건의 기록은 복사본을 제작하여 기증자에 공하였다. 소장 기록물 홍보를 위해 또 다른 복본 1부를 제작하여 안 보관하고 있음

Holdings Quick search

Collection C1 - 개인기증 collection

Fonds F1 - 이창윤 기증기록물 fonds

File FL1 - 군대생활 file

CIDARQ
CENTRO DE INFORMAÇÃO, DOCUMENTAÇÃO E ARQUIVO
UFG

acervo

Divisão Central de Informações do Estad...
Monumento aos Bandeirantes
Universidade Federal de Goiás

Centro de Informação, Documentação e Arquivo da UFG

instituição arquivística > Centro de Informação, Documentação ...

CIDARQ CENTRO DE INFORMAÇÃO, DOCUMENTAÇÃO E ARQUIVO

Zona de identificação

Identificador	GOUFG
Forma autorizada do nome	Centro de Informação, Documentação e Arquivo da UFG
Tipo	Universitário

Zona de contato

Atendimento Geral	CONTACTO PRINCIPAL
Endereço	Região: Goiânia

Archives communales VD Rechercher Naviguer

Inventaires des archives communales du Canton de Vaud

LANGUE

français	102
anglais	1

TYPE D'ENTITÉ

Tout	
Collectivité	83
Personne	10
Famille	1

Affichage de 102 résultats
Notice d'autorité

Recherche de notice d'autorité

Trier par: Par ordre alphabétique

Amicale fribourgeoise des Avants et environs
1945 - 2013

Association de Parents pour la Petite Enfance APPE
1988-actuel

Association de la Maison Visinand

Association des Intérêts de Tavel
XX - XX

Association des nouvelles orgues de Saint-Vincent

Bienne - Archives de la ville
1945-nos jours

Billard Club Ouest Lausannois BOL
1942-2012

Multi-repository support

per-institution theming

Upload logos and banners, change background colors via user interface

Narrow your results by:

Showing 627 results

Search archival institution

Sort by

LANGUAGE

- English 627
- French 16

ARCHIVE TYPE

- All
- University/College 20
- Government 17
- Community 14
- Religious Organization 9
- Historical Society 8
- Municipal 6
- Library 5
- Educational Organization 5
- Museum 4
- Medical Organization 4

REGION

- All
- ontario 89
- bc 4
- manitoba 1

Acadia University Archives

Admiral Digby Library and Hist...

Agassiz-Harrison Museum

Alberni District Historical Society

Alberni Valley Museum

Alberta Health Services Archives

Alberton Museum

Alder Grove Heritage Society Ar...

Alex Youck School Museum

Alert Bay Library and Museum

Results 1 to 10 of 627

1 2 3 4 5 6 7 ... 63 Next »

atom Search University of St. Michael's College, John M. Kelly Library Special Collections Browse Log in

University of St. Michael's College, John M. Kelly Library Special Collections

Archival institution University of St. Michael's College, John...

JOHN M. KELLY LIBRARY
Special Collections & Archives

Holdings

- Douglas Ellory Pett fonds
- New Catholic Times Inc. fonds
- Patrick O'Neill fonds
- Sheila Watson fonds

PLEASE NOTE: The John M. Kelly Library will be closed December 24-25, and January 1. Regular service hours resume January 2, 2014.

Identity area

Authorized form of name
Other form(s) of name

Contact area

Description area

Records management
collecting

ARCHIVESCANADA.ca
Canadian Archives
Réseau canadien d'information archivistique BETA

HOME CONTACT US FRANÇAIS LOG IN ALSO VISIT CANADIAN COUNCIL OF ARCHIVES

Search Laurentian University Archives

Laurentian University Archives

Archival institution Laurentian University Archives

Laurentian University
Université Laurentienne

Holdings

- Barbara M. Hanley fonds
- Brotherhood of Railway Carmen, Local 18...
- Buchanan family fonds
- Cleve Kidd fonds
- Dorothy Wigmore fonds
- Dorothy Zaborzky fonds
- Elmer Sopha fonds
- Floyd Laughren fonds
- Fonds Jean Noël Desmarais
- Fonds Jean Étienne Fournier

Browse 27 holdings

Map

Primary contact

935 Ramsey Lake Road
Sudbury, Ontario
CA P3E 2C6

Website Email

Identifier ON00159
Authorized form of name Laurentian University Archives
Parallel form(s) of name Archives l'Université Laurentienne
Type University/College

Contact area

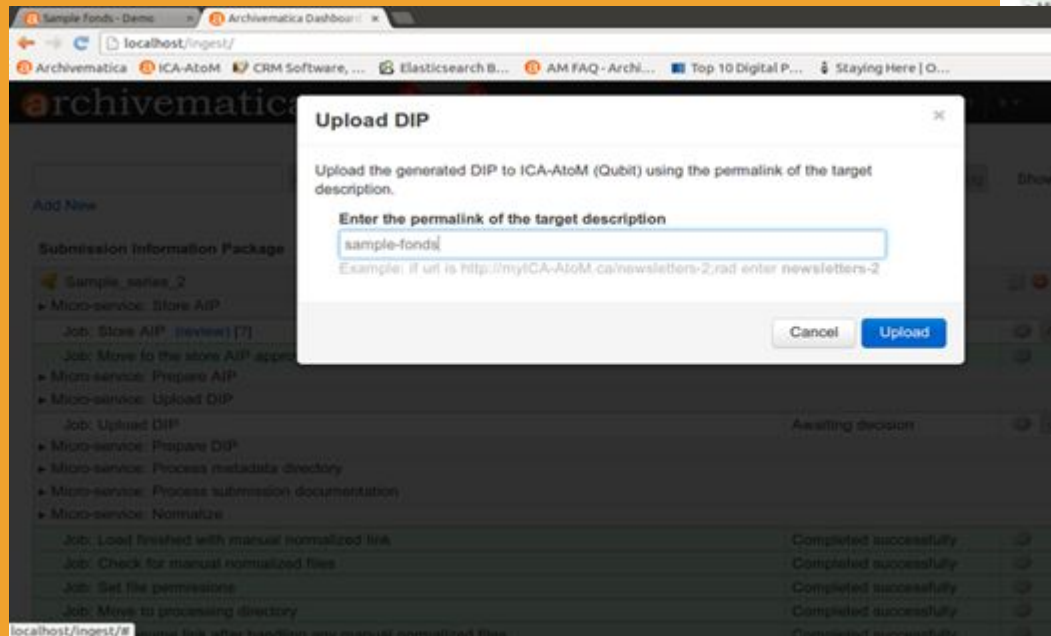
Address

Street address: 935 Ramsey Lake Road
Locality: Sudbury
Region: Ontario
Country name: Canada
Postal code: P3E 2C6

Archivematica integration

DIP upload to AtoM

Maintain link between Archivematica AIP and uploaded DIP objects in AtoM



The screenshot displays the Archivematica web interface. At the top, there's a navigation bar with tabs: Transfer, Ingest, Archival storage, Preservation planning, Access, and Administration. The 'Transfer' tab is active. Below the navigation bar, there's a form for creating a new transfer, including fields for 'Type', 'Transfer name', 'Accession no.', and a 'Browse' button. A 'Start transfer' button is also present. Below this form is a table of transfers. The first transfer is 'Memphis Jack files' with a UUID of '55d7d82-48cb-463e-a623-1c41283e92e0' and a start time of '2013-04-29 13:43'. Below the transfer table, there's a section for 'Digital object metadata' which lists various metadata fields and their values.

Transfer	UUID	Transfer start time
Memphis Jack files	55d7d82-48cb-463e-a623-1c41283e92e0	2013-04-29 13:43

Job	Status	Actions
Micro-service: Create SIP from Transfer	Awaiting decision	Actions
Job: Create SIP(s) [7]	Completed successfully	- Create SIP(s) manually
Job: Load options to create SIPs	Completed successfully	- Send to backlog
Job: Check transfer directory for objects	Completed successfully	- Reject transfer

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

Atom's DEVELOPMENT

2008

0.X-BETA

ICA Atom

1.0-BETA



FIRST
NON-BETA
RELEASE

1.1

1.2

1.3

2014

atom
access to memory

2.0

2009

2010

2011

2012

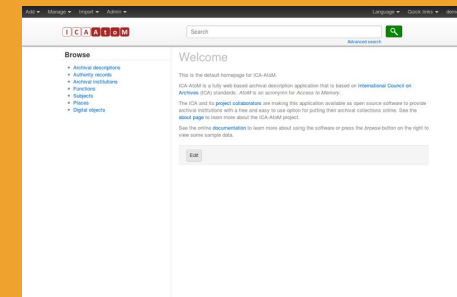
2013



ICAAtom 
open source archival description software



TRILLIUM THEME



Atom's DEVELOPMENT

2013

2019



JOB SCHEDULER CLIPBOARD

ICA Atom

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

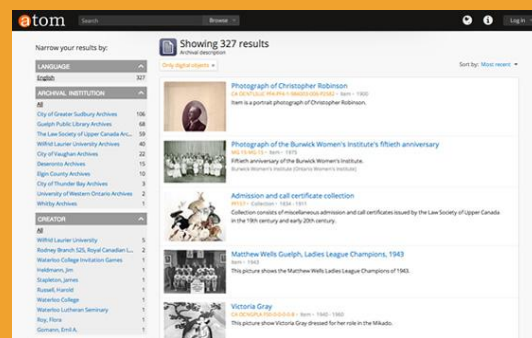
2.0.1

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



Atom installations



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](#)

ACCOUNT

- [Contributions](#)
- [Log in](#)
- [Request account](#)

PAGE

- [Discussion](#)
- [Edit](#)
- [History](#)

SEARCH



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



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



Development Philosophy

We  pull requests!

Because the code is open to inspection, any member of the community can fix problems, or develop new features and contribute code back. For any given problem, the community can troubleshoot it together.

DEVELOPMENT RESOURCES

These are pages that have been created to assist developers interested in working with AtoM's code, and sharing that code with the broader AtoM community.

- [Code review process](#)
- [Coding standard](#)
- [Contribute code](#)
- [Functional testing](#)

See also

- [Resources/Code repository](#)
- [About the AtoM documentation \(including how to contribute\)](#)
- [Community resources](#)
- [Community development](#)
- [Development philosophy](#)

https://wiki.accesstomemory.org/Development#Development_resources

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>

