

# Access to Memory

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

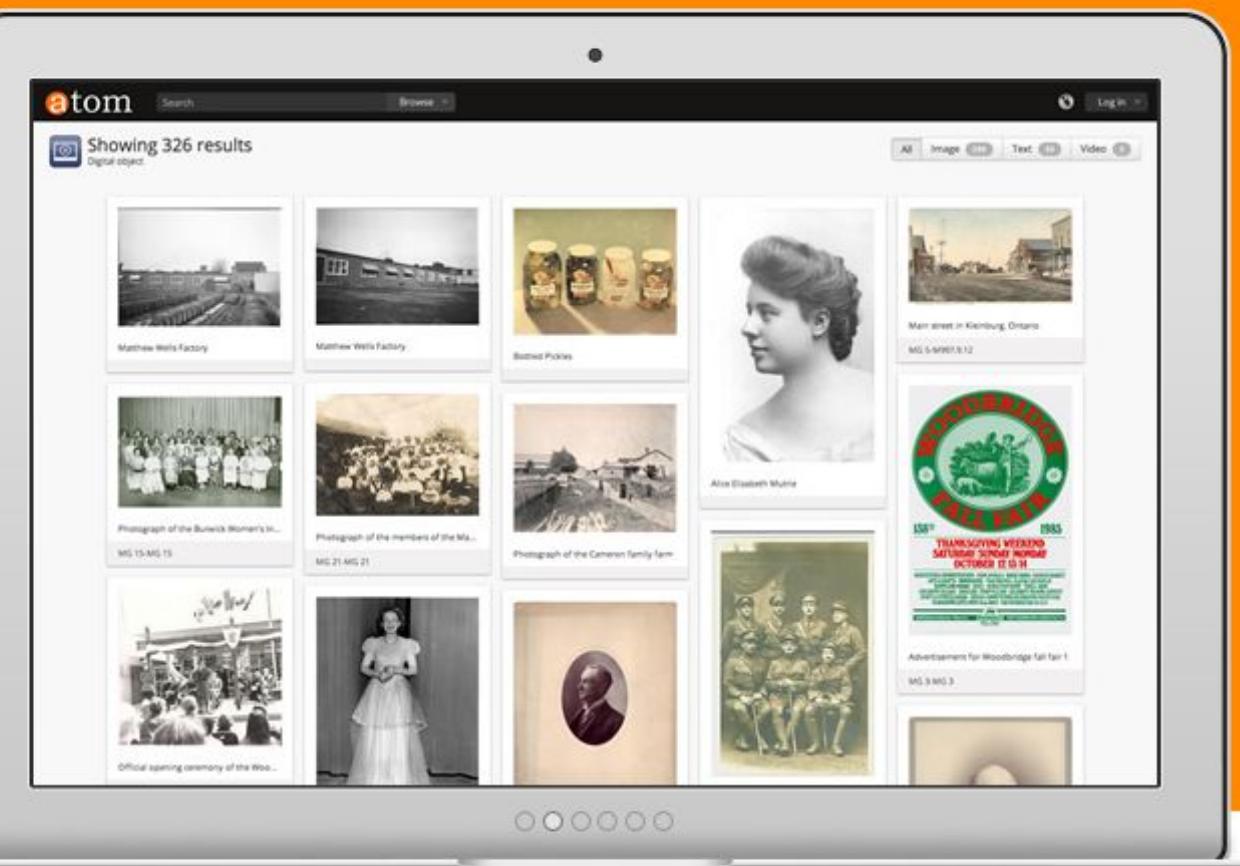


# Providing access to memory since 2007

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



# 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

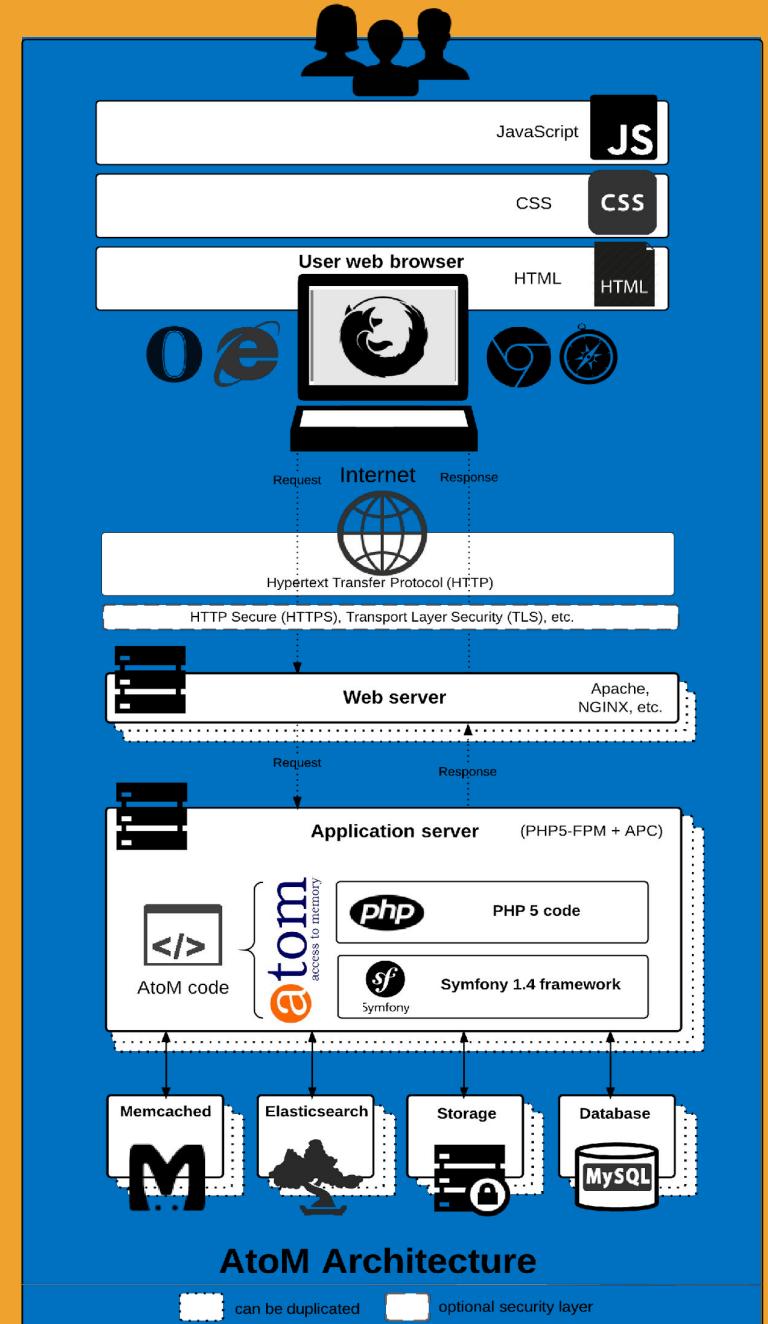
# Web-based: platform independent

## 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**

The screenshot shows the GitHub repository page for 'artefactual / atom'. The page includes the repository name, a summary of 1,982 commits, 50 branches, 20 releases, and 15 contributors. It displays a list of recent commits, such as 'Transifex: update slug for 2.2' and 'Merge branch '1.x' into 2.x', along with their dates and authors. The right sidebar provides options for code, pull requests, pulse, graphs, HTTPS clone, and cloning the repository via Subversion or Git.

Commit	Description	Date
Generic label for admin/bio history, refs #7948	...	6 months ago
djiuhasz authored 6 days ago	latest commit c74e11f3b1	6 days ago
.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

# 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 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](#)



Add

[Accession record](#)

[Archival description](#)

[Archival Institution](#)

[Authority record](#)

[Function](#)

[Term](#)

### 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.

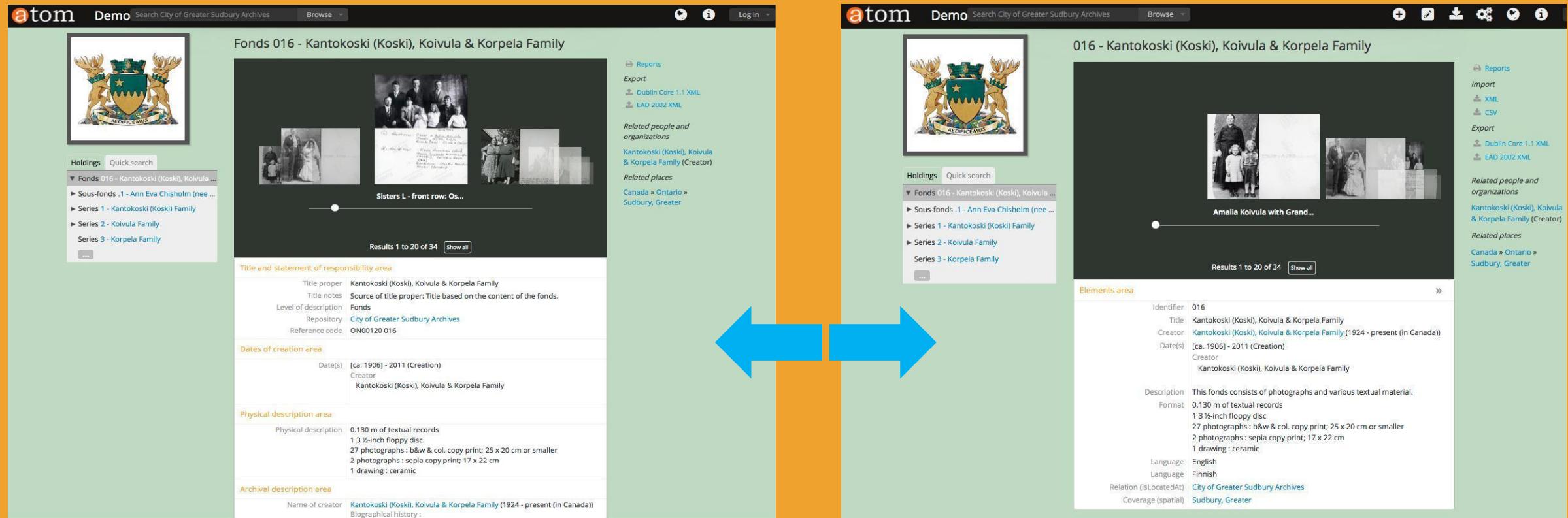


Manage

[Accessions](#)

# Standards-based description

## User-friendly content standard edit templates



The image shows two side-by-side screenshots of the atom interface, a web application for managing archival collections. A large blue double-headed arrow is positioned between the two screens, indicating a bidirectional relationship or comparison between the two views.

**Left Screen (Standard View):**

- Header:** atom Demo Search City of Greater Sudbury Archives
- Thumbnail View:** Shows a grid of images and documents related to the fonds.
- Search Bar:** Holdings Quick search
- Navigation:** Fonds 016 - Kantokoski (Koski), Koivula & Korpela Family
- Details:** Includes sections for Title and statement of responsibility area, Dates of creation area, Physical description area, and Archival description area.

**Right Screen (Advanced View):**

- Header:** atom Demo Search City of Greater Sudbury Archives
- Thumbnail View:** Shows a grid of images and documents related to the fonds.
- Search Bar:** Holdings Quick search
- Navigation:** 016 - Kantokoski (Koski), Koivula & Korpela Family
- Details:** An "Elements area" containing detailed metadata fields such as Identifier, Title, Creator, Date(s), Description, Format, Language, Relation (isLocatedAt), and Coverage (spatial).

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



# Multi-lingual support

## Translate

## Content and user interface elements

Search \*인간과기억아카이브 atom  
HUMAN AND MEMORY ARCHIVES ATOM SYSTEM

Browse ▾

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 기증자에게 공하였다. 소장 기록을 홍보를 위해 또 다른 복본 1부를 제작하여 안보관하고 있음

CIDARQ  
CENTRO DE INFORMAÇÃO,  
DOCUMENTAÇÃO  
E ARQUIVO  
UFG

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

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

Affichage de 102 résultats  
Notice d'autorité

Recherche de notice d'autorité

LANGUE

français	102
anglais	1

TYPE D'ENTITÉ

Tour	83
Collectivité	10
Personne	1

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

Bienna - 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:

- LANGUAGE
  - English 627
  - French 16
- ARCHIVE TYPE
  - All 20
  - University/College 17
  - Community 14
  - Religious Organization 9
  - Historical Society 8
  - Municipal 6
  - Library 5
  - Educational Organization 5
  - Museum 4
  - Medical Organization 4
- REGION
  - All 89
  - ontario 89
  - bc 4
  - manitoba 1

Showing 627 results

Archival institution

Search archival institution

Sort by

Acadia University Archives

Admiral Digby Library and Hist...

AGASSIZ-HARRISON MUSEUM  
HISTORY PRESERVES COMMUNITY

Alberton Museum

Alder Grove Heritage Society Ar...

Alert Bay Public Library & Museum

Albert Valley Museum

Alberta Health Services

Alex Youck School 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... 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

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

Primary contact

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

Search Laurentian University Archives

ARCHIVESCANADA.ca Canadian Archival Information Network Réseau canadien d'information archivistique BETA

Laurentian University Archives

Archival institution > Laurentian University Archives

Laurentian University Université Laurentienne

Primary contact

935 Ramsey Lake Road Sudbury, Ontario CA P3E 2C6 Website Email

Map data ©2013 Google Terms of Use Report a map error

Identifier ON00159

Authorized form of name Laurentian University Archives

Parallel form(s) or 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 shows the Archivematica Dashboard with a modal dialog titled "Upload DIP". The dialog instructs the user to "Upload the generated DIP to ICA-Atom (Qubit) using the permalink of the target description." Below this, there is a text input field containing "sample-fonds" and a note: "Example: If url is http://myICA-Atom.ca/newsletters-2.rdf enter newsletters-2". At the bottom of the dialog are "Cancel" and "Upload" buttons.

The screenshot shows the Archivematica Ingest interface. At the top, there is a navigation bar with tabs for Transfer, Ingest, Archival storage, Preservation planning, Access, Administration, and a Connected status indicator. Below the navigation bar, there is a search bar and a "Start transfer" button. The main area displays a table of transfers. One transfer, "Memphis Jack Bles", is shown with its UID and transfer start time (2013-04-29 13:43). The table includes columns for Transfer, UID, and Transfer start time. To the right of the table, there is a context menu with options like "Actions", "Create SIP(s) manually", "Send to backlog", "Reject transfer", and "Create single SIP and continue processor". Below the table, there is a section titled "Digital object metadata" with a table showing details for a specific digital object. The metadata includes:

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



# Atom's Development

2008



ICAAtom

1.0-BETA

0.0-BETA

FIRST  
NON-BETA  
RELEASE

2014

atom  
access to memory

2.0

1.1

1.2

1.3

2009

2010

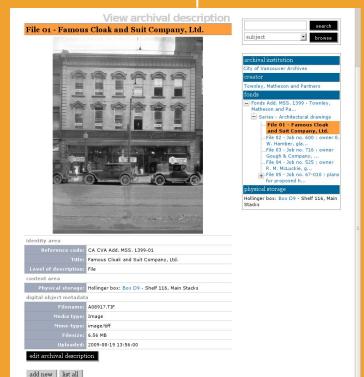
2011

2012

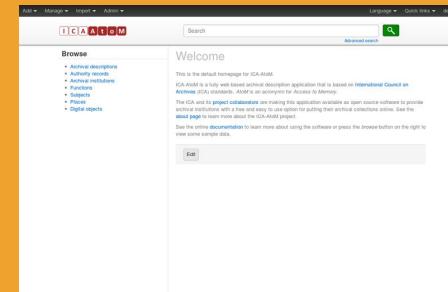
2013



ICAAtom  
open source archival description software



TRILLIUM THEME





# Atom's Development

2013



1.x



2.0



JOB SCHEDULER



CLIPBOARD

2019

2012

1.3.1

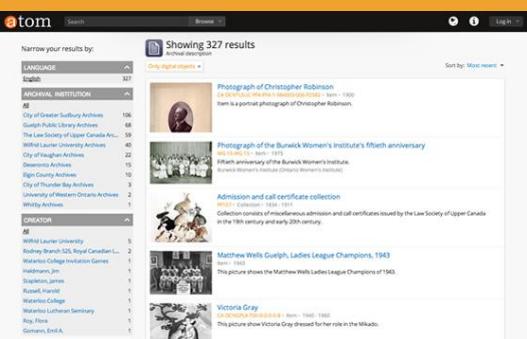
2.0.1

2.1

2.2

2.3

2.4



## 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 communales 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)

#### ACCOUNT

- Contributions
- Log in
- Request account

#### PAGE

- Discussion
- Edit
- History

#### SEARCH

 ↶ 🔍

# a 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

**artefactual**

# RESOURCES

**AtoM homepage:** <https://www.accesstomemory.org>

**AtoM demo:** <http://demo.accesstomemory.org>

**Roadmap:** <https://wiki.accesstomemory.org/Rleases/Roadmap>

**Documentation:** <https://www.accesstomemory.org/docs/latest/>

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

