Access to Memory

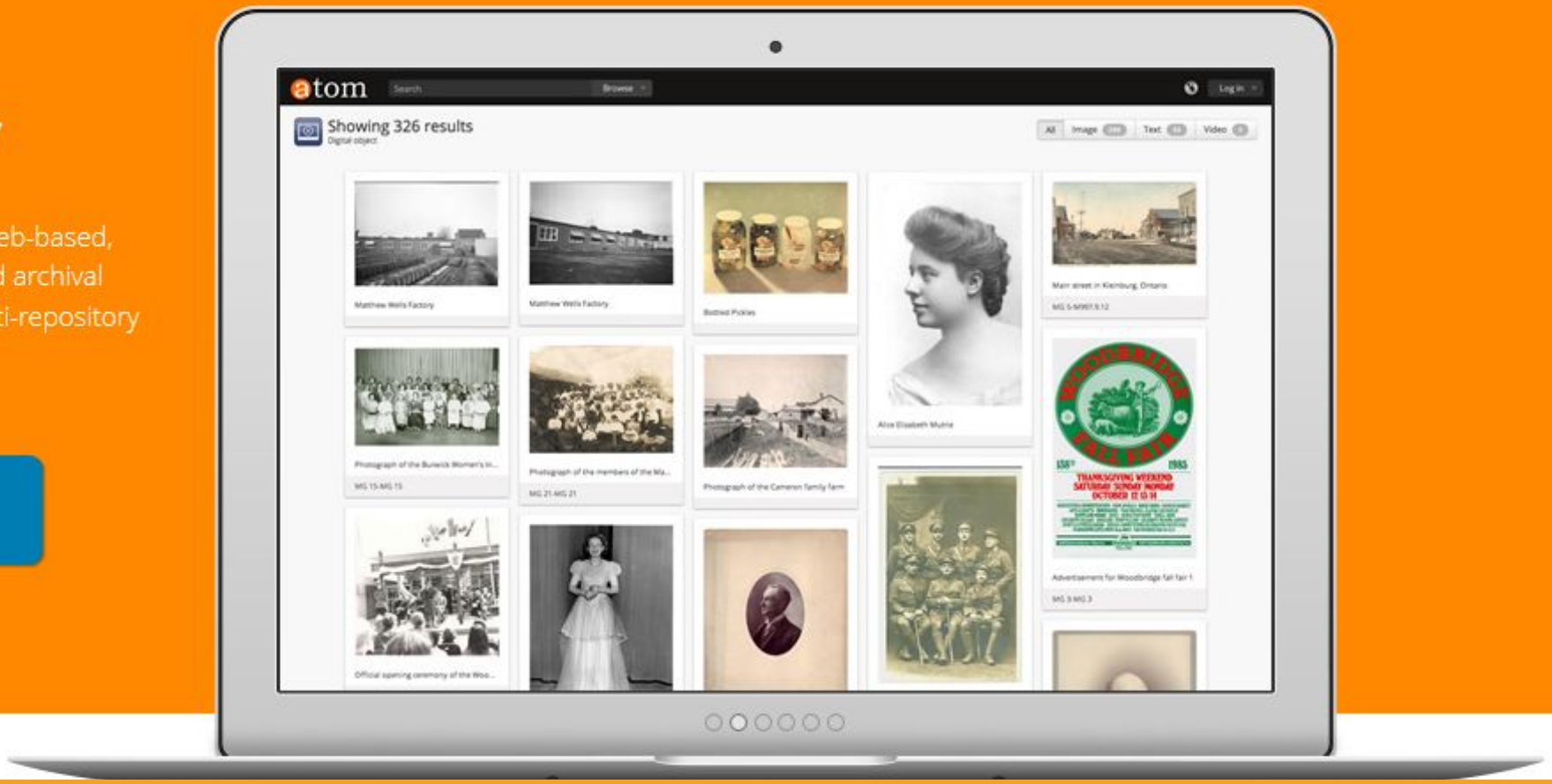
A flexible open-source application
for standards-based description and access

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.

atom
access to memory

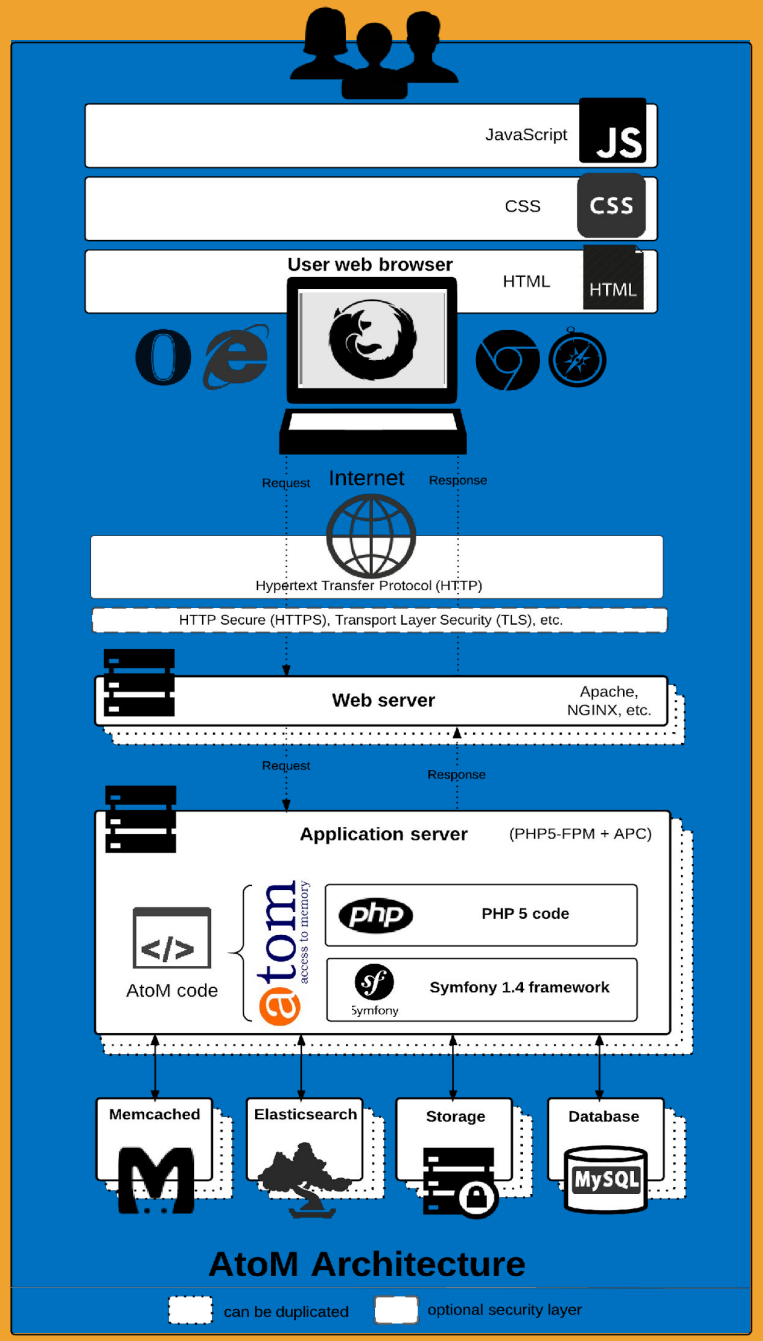
Web-based:
platform independent

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.

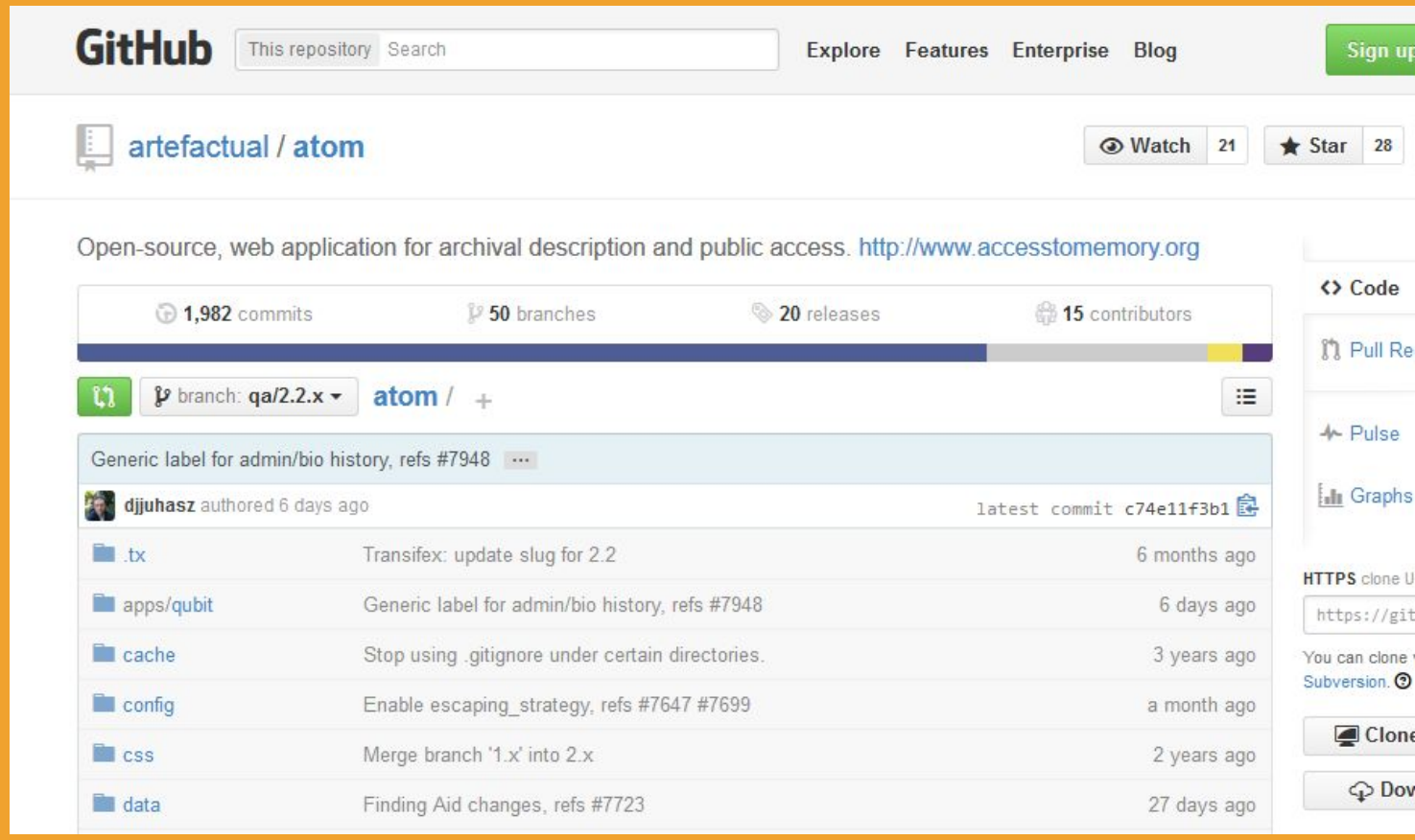


Open source:
free as in freedom

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



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

CC BY SA

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 adminstrators 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

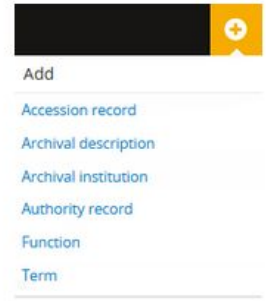
ADD

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*

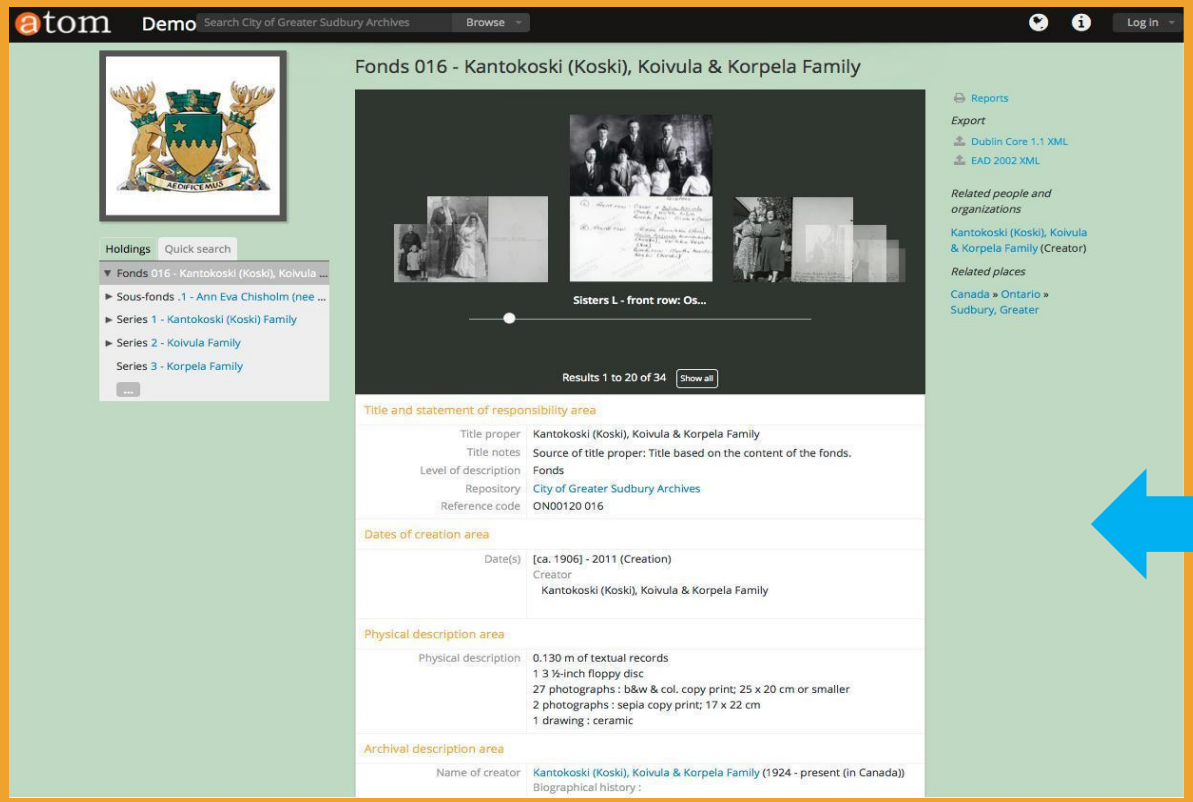


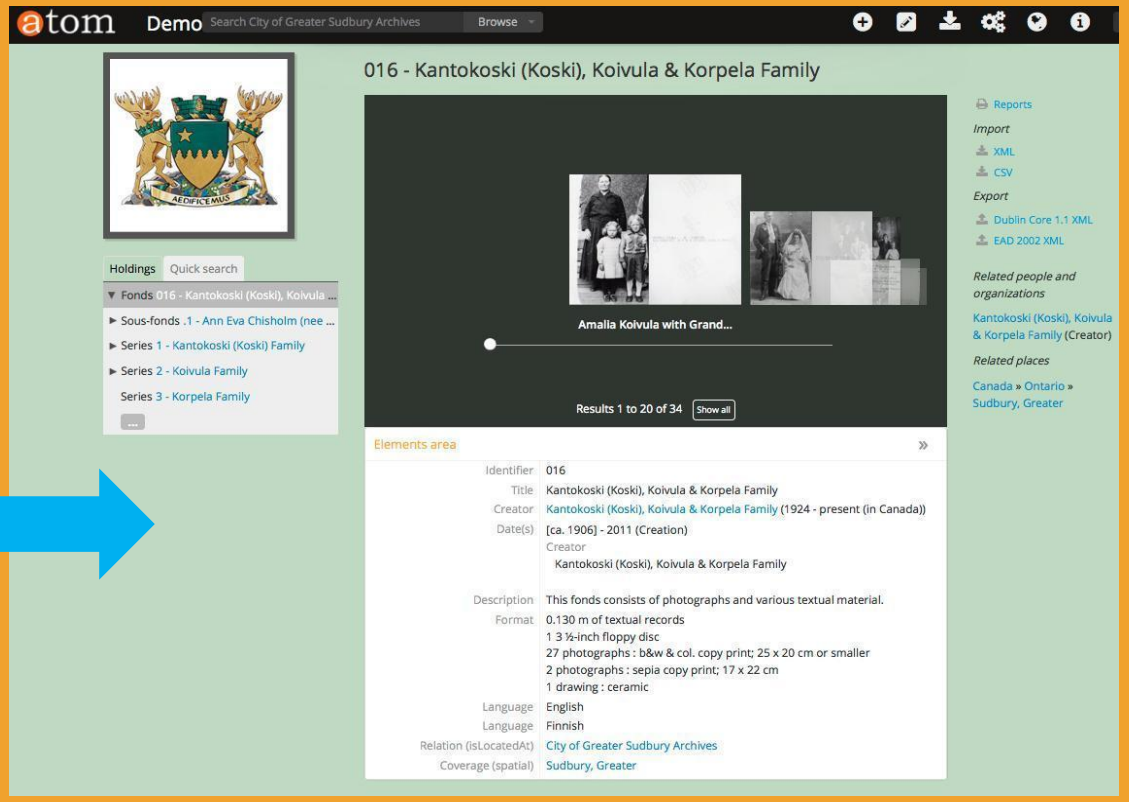
MANAGE

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



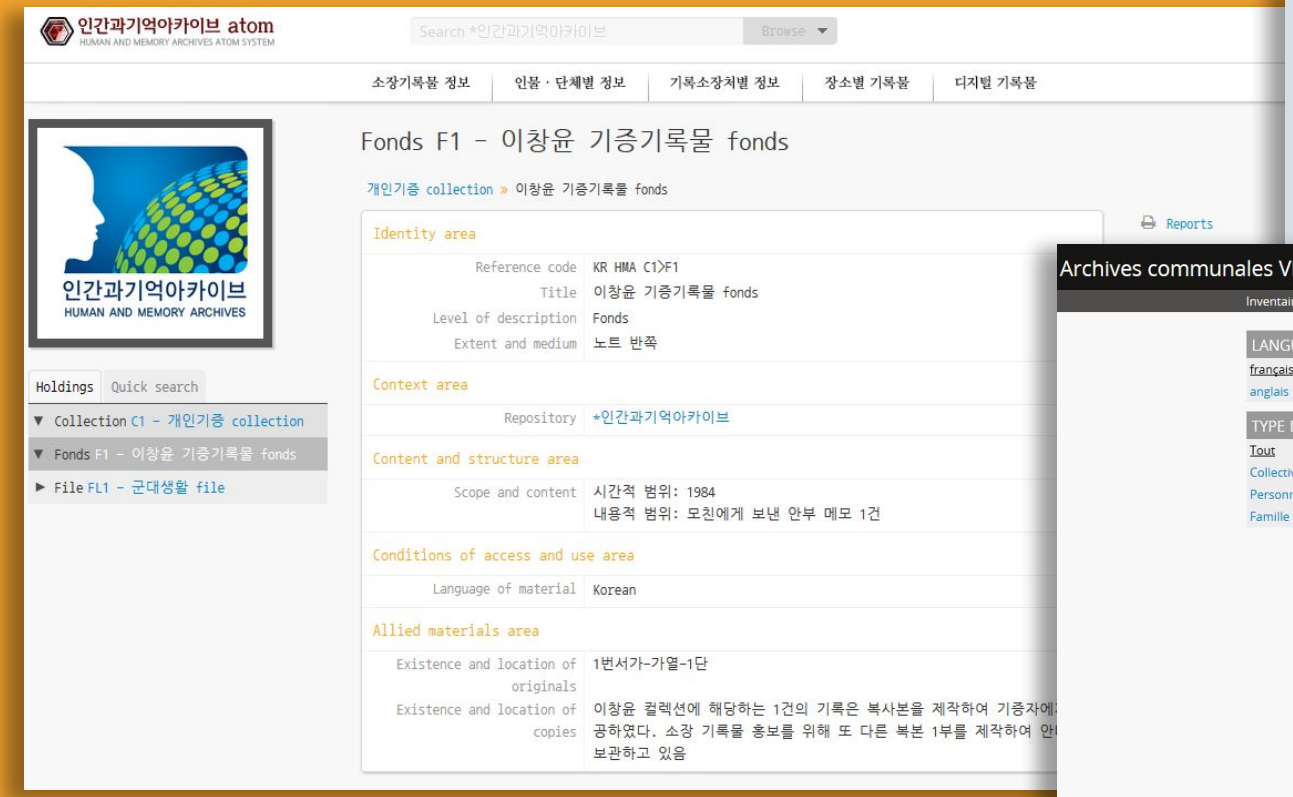


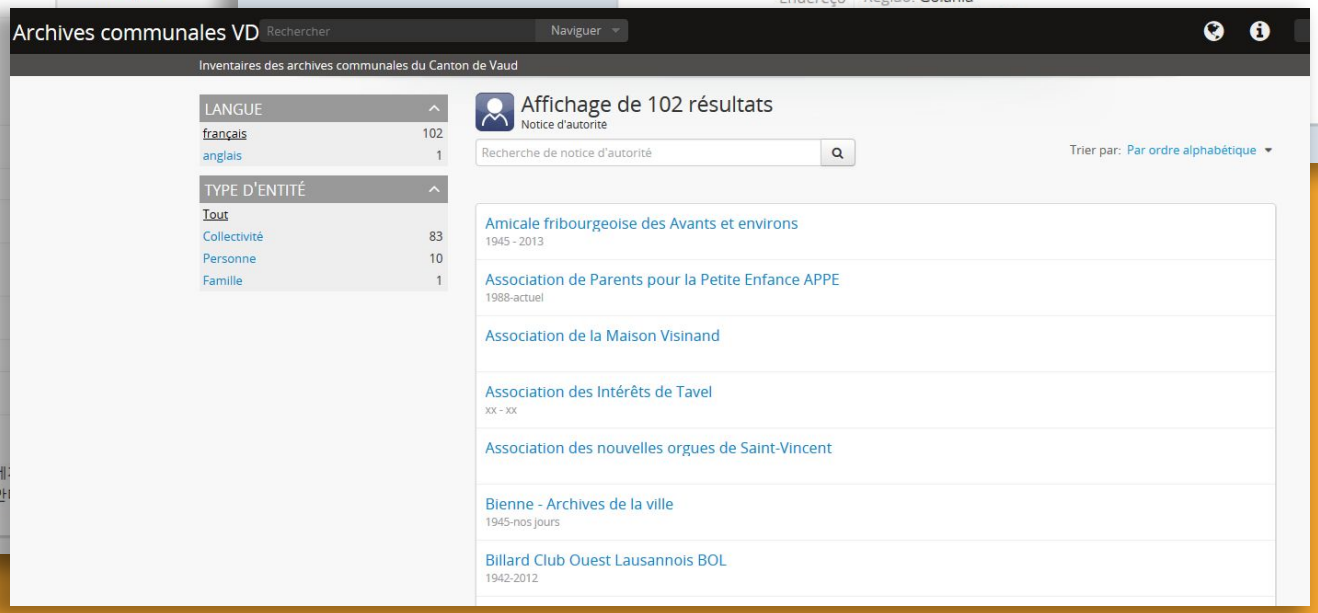
Templates: ISAD(G), DACS, RAD, DC, MODS, ISAAR-CPF, ISDIAH, ISDF

Multi-lingual support

Translate

Content and user interface elements

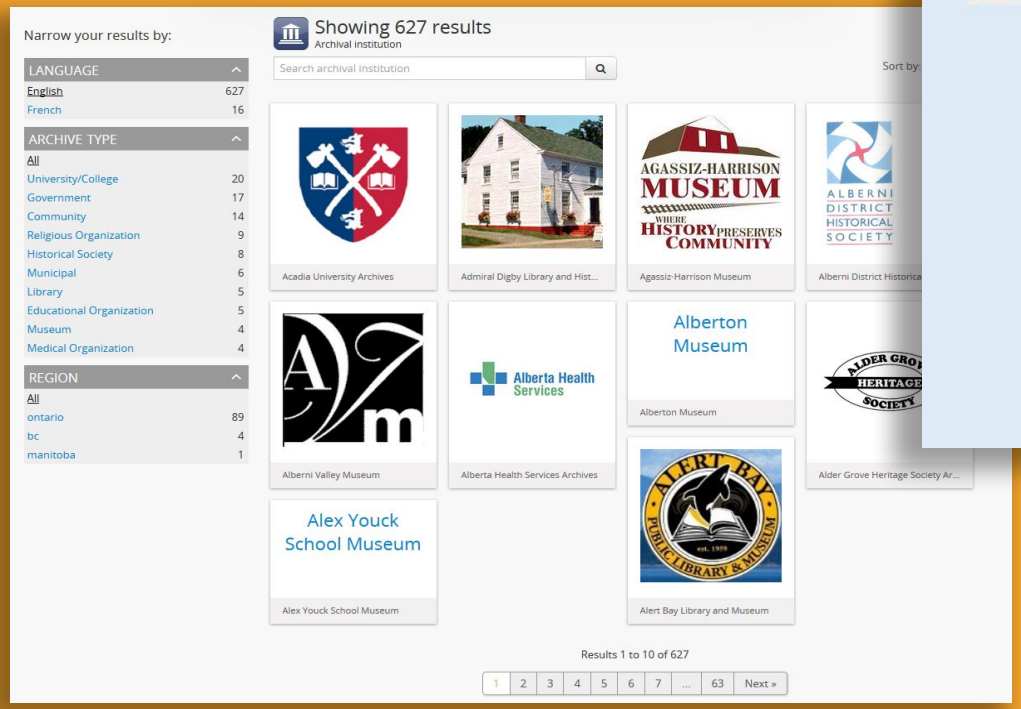


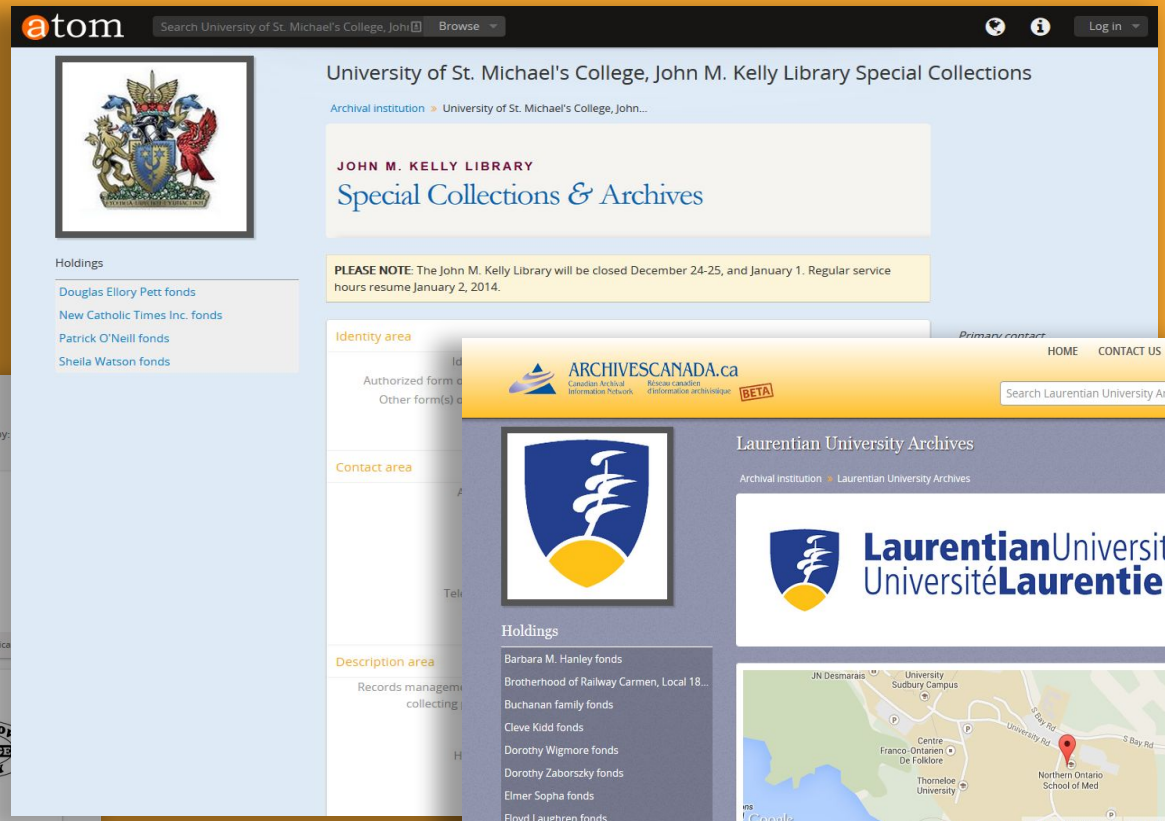


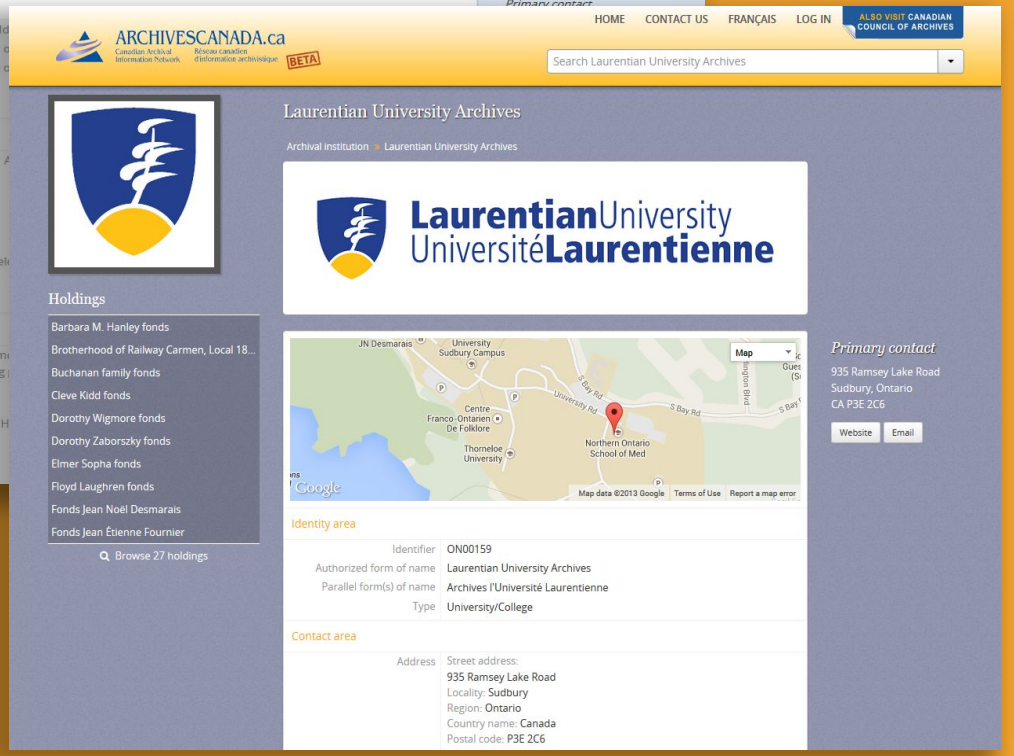
Multi-repository support

per-institution theming

Upload logos and banners, change background colors via user interface



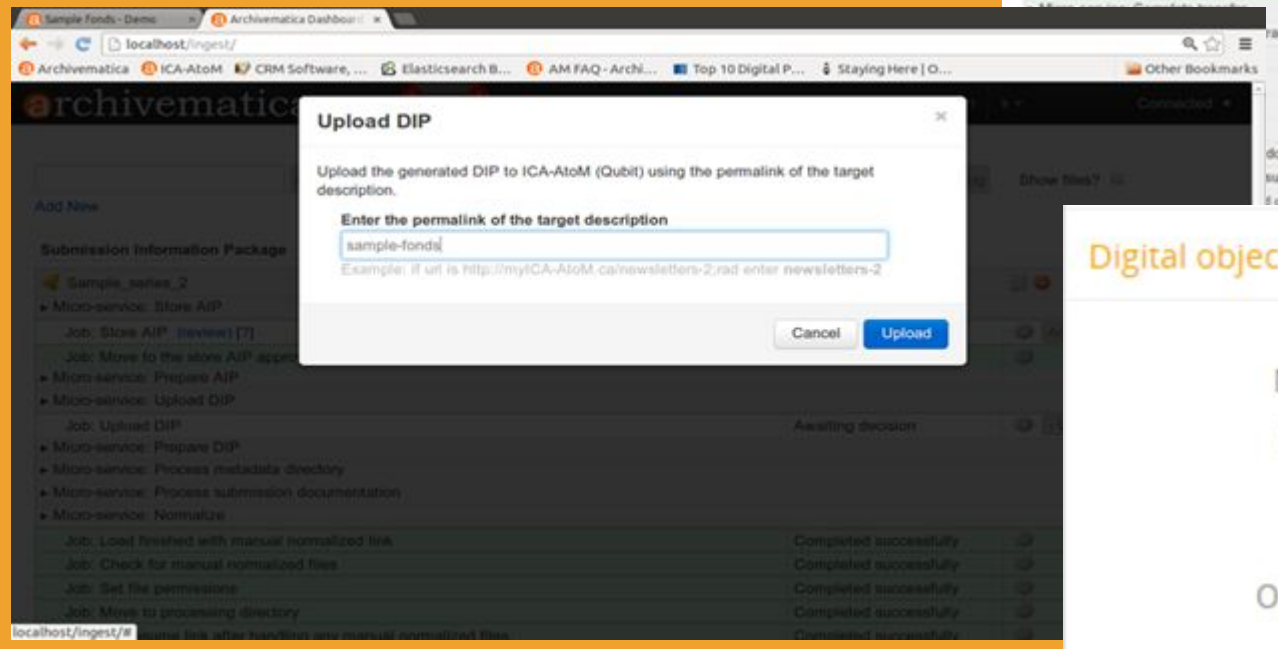


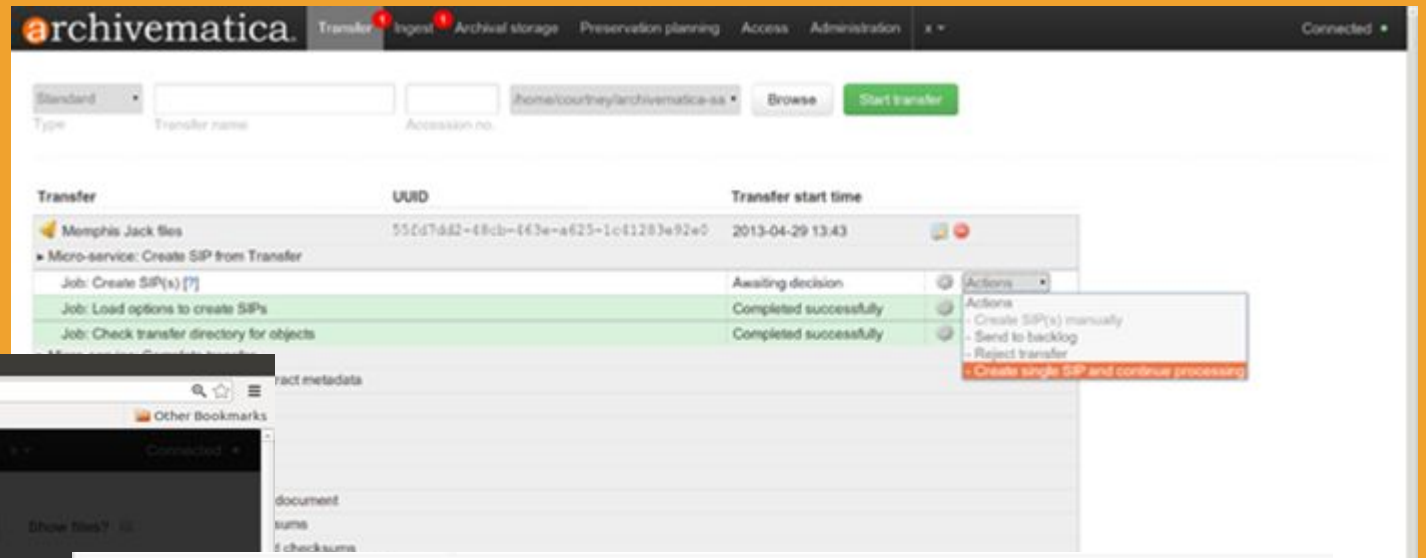


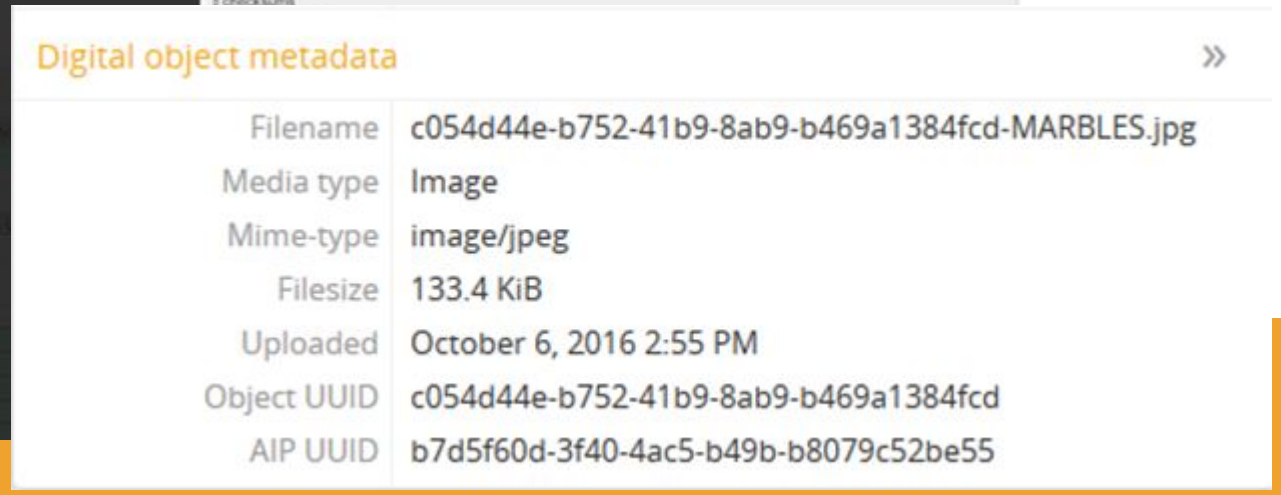
Archivematica integration

DIP upload to AtoM

Maintain link between Archivematica AIP and uploaded DIP objects in AtoM







AtoM'S DEVELOPMENT

2008

ICAAtoM

2014

FIRST NON-BETA RELEASE

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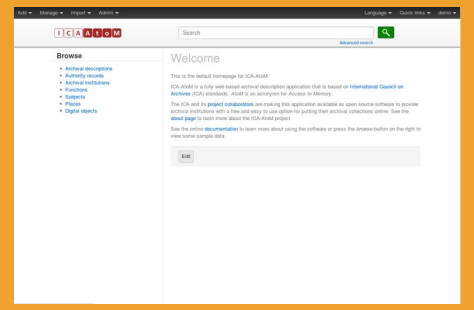
0.X-BETA | 1.0-BETA | 1.1 | 1.2 | 1.3 | 2.0

2009 | 2010 | 2011 | 2012 | 2013

Qubit
open information management toolkit

ICAAtoM
open source archival description software

TRILLIUM THEME



AtoM'S DEVELOPMENT

2013

2019

ICAAtoM

1.x

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2.0

JOB SCHEDULER

2.1

CLIPBOARD

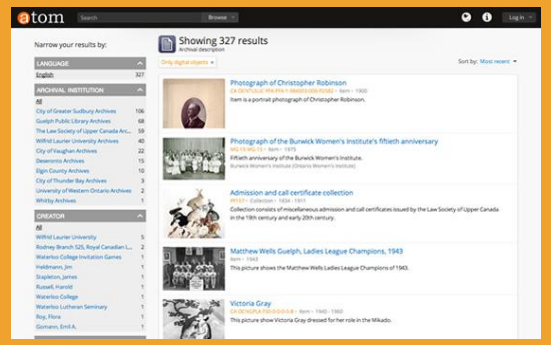
2.2

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

1 pin per locale; only up to v2.1

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

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

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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

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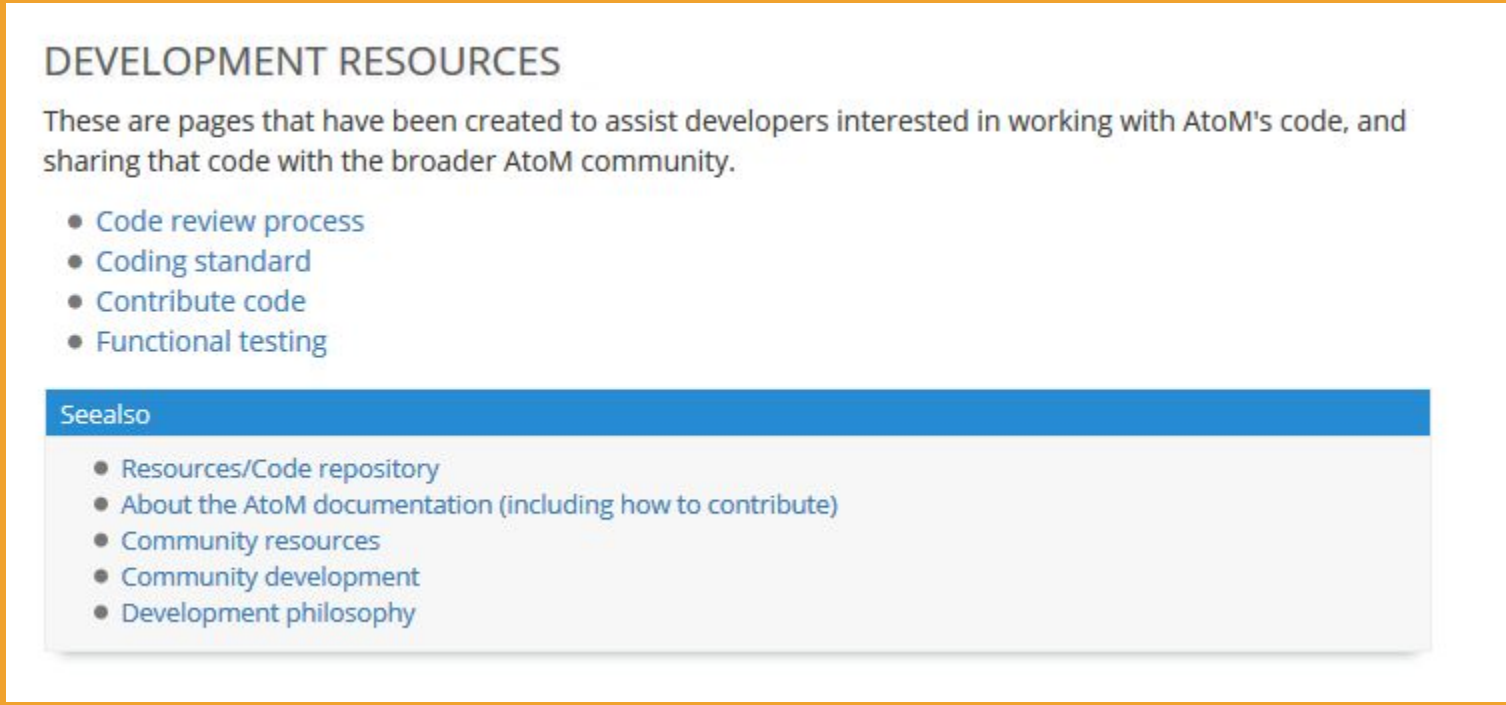
Development Philosophy

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

Seealso

- 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