

EAD + XSLT = PDF

Creating full-text PDF finding aids from AtoM descriptions



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Mike Gale
Code4Lib BC 2014

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

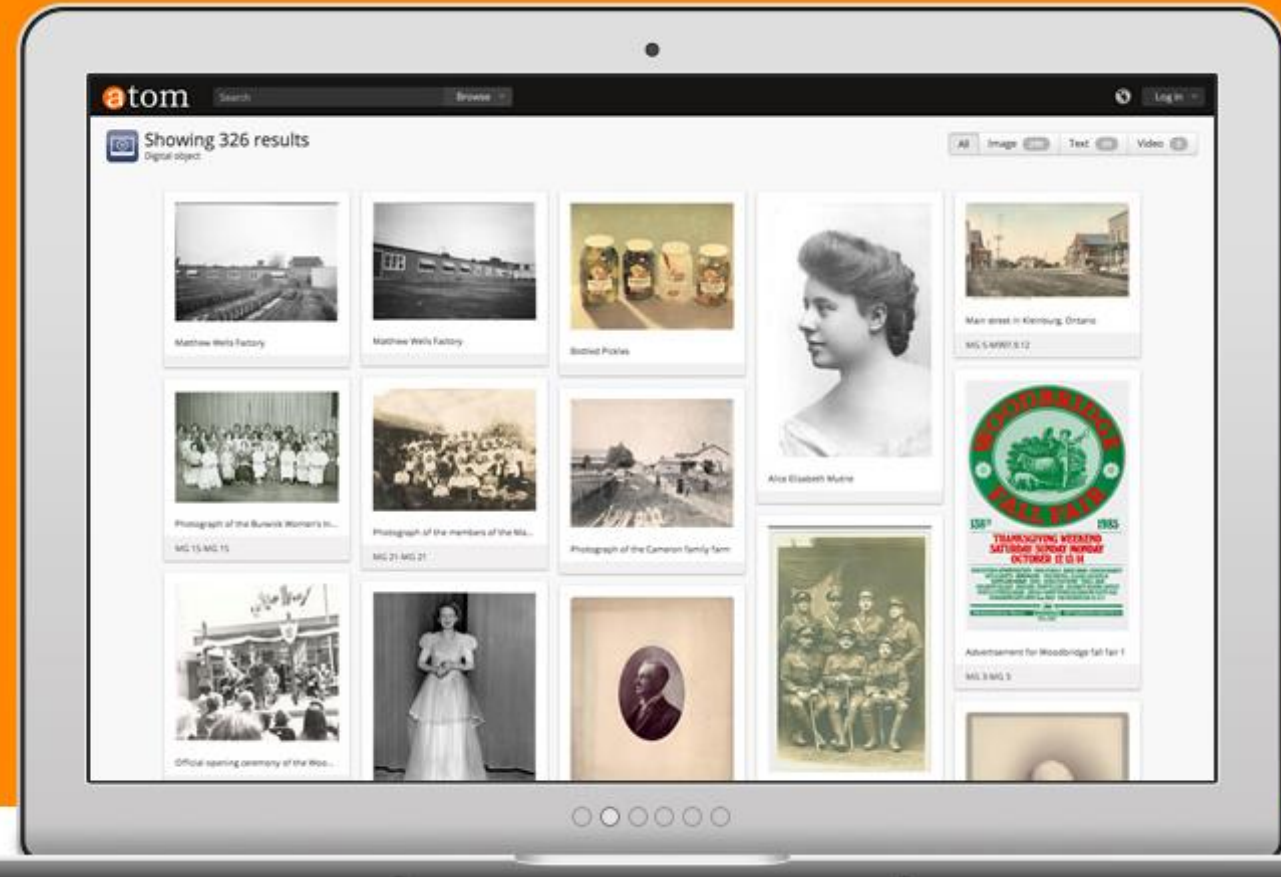
Providing access to memory since 2007

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's DEVELOPMENT

2008

0.X-BETA

ICAAtom

1.0-BETA

FIRST
NON-BETA
RELEASE

1.1

1.2

1.3

2014

atom
access to memory

2.0

2009

2010

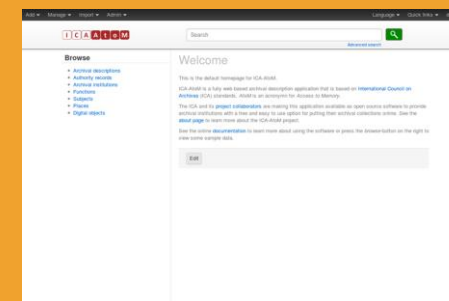
2011

2012

2013



TRILLIUM THEME



SFU
LIBRARY

2013

BACKGROUND

2013

- SFU Archives and SFU Library Special Collections and Rare Books migration to AtoM
- Implementation of Archivematica for digital preservation
- RFQ for several new features in both applications

BACKGROUND

2013 - 2014

- Request for ability to transform whole AtoM descriptions into PDF finding aids for researchers
- Mid 2013: High-level requirements, implementation planning
- Late 2013-2014: Development

BACKGROUND



Holdings

Quick search

▼ Fonds F-250 - Bill Richards fonds

► Series F-250-1 - Personal records

► Series F-250-2 - Teaching records

► Series F-250-3 - Correspondence

► Series F-250-4 - Research

► Series F-250-5 - Presentations and writings

► Series F-250-6 - Grants

Fonds F-250 - Bill Richards fonds

Title and statement of responsibility area

Title proper	Bill Richards fonds
General material designation	Multi-media Textual record Sound recording Moving images Photographic material
Title notes	Source of title proper: Title is based on the name of the fonds creator.
Level of description	Fonds
Repository	Simon Fraser University Archives and Records Management Department
Reference code	F-250

Dates of creation area

Date(s)	1971 - 2007 (Creation)
Creator	Richards, Bill

Physical description area

Physical description	1.7 m of textual records 9 audio cassettes 3 optical discs 3 computer disks (3.5" floppy) 2 videocassettes 1 photograph
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Archival description area

Name of creator	Richards, Bill (17 December 1948 - 23 August 2007) Biographical history:
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Reports

Export

[Dublin Core 1.1 XML](#) [EAD 2002 XML](#)

Finding aid

[Download](#)

Related subjects

[BC Thesaurus »](#)
[Communications](#)Related people and
organizations[Richards, Bill](#) (Creator)
[School of Communication](#)
(Subject)

ARCHIVAL DESCRIPTION IN Atom



Holdings

Quick search

▼ Fonds [F-250 - Bill Richards fonds](#)▼ Series [F-250-3 - Correspondence](#)File [F-250-3-0-0-1 - Network Letters \(pr...](#)File [F-250-3-0-0-2 - Correspondence](#)File [F-250-3-0-0-3 - Letters](#)File [F-250-3-0-0-4 - NEGOPY letters and ...](#)File [F-250-3-0-0-5 - NEGOPY - letters - g...](#)File [F-250-3-0-0-6 - Correspondence reg...](#)File [F-250-3-0-0-7 - Departmental mem...](#)

...

File F-250-3-0-0-3 - Letters

[Bill Richards fonds](#) » [Correspondence](#) » Letters

Title and statement of responsibility area

Title proper	Letters
General material designation	Textual record
Level of description	File
Repository	Simon Fraser University Archives and Records Management Department
Reference code	F-250-3-0-0-3

Dates of creation area

Date(s) 1976 - 1980 (Creation)

Archival description area

Name of creator [Richards, Bill](#) (17 December 1948 - 23 August 2007)

Notes area

Restrictions on access Pending review

Control area

Status	Published
Level of detail	Minimal

[Reports](#)*Export* [Dublin Core 1.1 XML](#) [EAD 2002 XML](#)*Physical storage*Archival box - standard:
250-2

ARCHIVAL DESCRIPTION IN Atom

- **Q:** How can we offer researchers a way to view and print the entire finding aid?

BACKGROUND

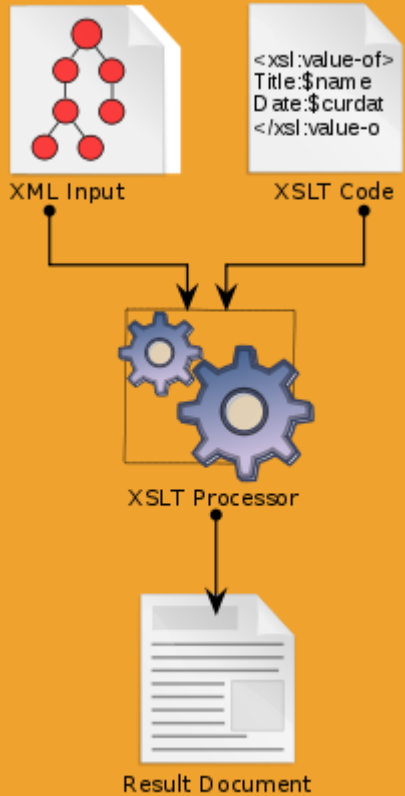
- **A:** Transform EAD output into PDF!

BACKGROUND

`</>` E-A-Whaa? `</>`

- Encoded Archival Description
- XML-based
- Metadata exchange standard for archival description
- Maintained by SAA and LoC
- Version 2 released in 2002 (current)
- EAD3 currently in Gamma (2015 release)

</> X-S-L-Huh? </>



- eXtensible Stylesheet Language Transformation
- Language for transforming XML
- Maintained by W3C
- 1.0 Version - 1999
- 2.0 Version – 2007 (but not well supported)
- 3.0 Version currently in Last Call Draft Status

EAD + XSLT = PDF

EAD + XSLT = PDF

EAD + XSLT + XSL-FO = PDF
ApacheFOP



Holdings

Quick search

▼ Fonds F-70 - Allan B. Cunningham fonds

► Series F-70-1 - Correspondence

► Series F-70-2 - SFU Historical Essays

Fonds F-70 - Allan B. Cunningham fonds

Title and statement of responsibility area

Title proper	Allan B. Cunningham fonds
Title notes	Source of title proper: Title of collection based on provenance.
Level of description	Fonds
Repository	Simon Fraser University Archives and Records Management Department
Reference code	F-70

Dates of creation area

Date(s)	1961 - 1989 (Creation)
Creator	Cunningham, Allan B.

Physical description area

Physical description	25 cm of textual records
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Archival description area

Name of creator	Cunningham, Allan B. (- January 1988) Biographical history : Allan Cunningham was the first head of the History Department at Simon Fraser University. He obtained his BA degree from the University of Durham, and his MA and PhD degrees from the University of London. He was a Senior Research Fellow at Oxford ... »
Scope and content	Fonds consists primarily of the personal and professional correspondence of Allan Cunningham and a collection of historical essays about SFU.

Notes area

[Reports](#)

Export

[Dublin Core 1.1 XML](#) [EAD 2002 XML](#)

Finding aid

[Download](#)Related people and
organizations[Cunningham, Allan B.](#)
(Creator)

ARCHIVAL DESCRIPTION IN Atom


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        Burnaby BC V5A 1S6
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      <addressline>Telephone: 778.782.2380</addressline>
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    </corpname>
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EAD EXPORT IN AtoM

Finding Aid - Allan B. Cunningham fonds (F-70)

Printed: March 07, 2014
Language of description: English

Simon Fraser University Archives
8888 University Dr.
Burnaby BC V5A 1S6
Canada
<http://www.sfu.ca/archives.html>
<http://sfu.test.artefactual.com/f-70>

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Series descriptions 5
 F-70-1, Correspondence, 1961 - 1975 5
 F-70-2, SFU Historical Essays, 1985 - 1989 5

Summary information

Repository:	Simon Fraser University Archives
Creator:	Cunningham, Allan B.
Title:	Allan B. Cunningham fonds
ID:	F-70
Date:	1961 - 1989 (dates of creation)
Date:	1920-1921 (dates of accumulation)
Physical description:	25 cm of textual records

Administrative history / Biographical sketch

Allan Cunningham was the first head of the History Department at Simon Fraser University. He obtained his BA degree from the University of Durham, and his MA and PhD degrees from the University of London. He was a Senior Research Fellow at Oxford University, when he accepted an appointment to SFU in 1964 to set up the History Department. Cunningham was a specialist in the Middle East and Arab-Israeli relations. A fellow of the Royal Geographic Society, the Royal Historical Society, and the Turkish Historical Society, Cunningham won a Guggenheim fellowship in 1979. He also served two terms as Dean of Arts during the early years of the University.

In addition to his career as a historian, Cunningham had a distinguished record as a spitfire pilot during World War II. He was also an accomplished painter and a well-known mountaineer. The Peak of the Brothers in the Andes is named after him and his brother, Frank Cunningham, who taught in SFU's geography department. Allan Cunningham died in January 1988.

Scope and content

Fonds consists primarily of the personal and professional correspondence of Allan Cunningham and a collection of historical essays about SFU.

Notes

Immediate source of acquisition

The fonds was donated to the Archives by Allan Cunningham's wife, Jean, and Professor Bill Cleveland. Allan Cunningham's file on Africa and the Middle East was donated in 1997 by Professor Philip Stigger. Series Two was collected after Cunningham's death by Don Baird, the University Archivist at the time.

Arrangement

The materials were arranged by the archivist.

Restrictions on access

Some files may contain personal or confidential information. Access to these files may be restricted as stipulated by Archives policy or the donor. Files marked 'pending review' must be reviewed by an archivist prior to release, and as a result of the review access restrictions may apply. Please see the file lists and consult the archivist for more details.

Related material

Consult the fonds of the Department of History, F 26 . Also consult the Simon Fraser University Archives sound collection for two cassettes of Cunningham: an oral history (100/12/1) and an interview about foreign travel (100/8/82).

Accruals

All accessions have been processed as of September 2002. No further accruals are expected.

Access points

- Cunningham, Allan B.

Finding aids

Series descriptions and file lists are available.

Access points

- Cunningham, Allan B. (creator)

Series descriptions

Series F-70-1: Correspondence

Date: 1961 - 1975 (date of creation)

Scope and content:

Series consists of the personal and professional correspondence of Cunningham as well as miscellaneous documents apparently kept by Cunningham for their historical value in depicting the early years at SFU. Documents relate to such topics as the opening of the University, administrative and teaching matters, student protests, and the Friends of SFU (a U.S.-based fund-raising organization).

Physical description: 14 cm of textual records

File / item list

Ref code	Title	Dates	Access status	Container
F-70-1-0-0-1	File - Correspondence	1961 - 1964	Open	70-1
F-70-1-0-0-2	File - Correspondence	1965	Open	70-1
F-70-1-0-0-3	File - Correspondence	1965	Open	70-1
F-70-1-0-0-4	File - Correspondence	1965	Restricted in part	70-1
F-70-1-0-0-5	File - Correspondence	1966	Restricted in part	70-1
F-70-1-0-0-6	File - Correspondence	1966	Open	70-1
F-70-1-0-0-7	File - Correspondence	1967	Restricted in part	70-1
F-70-1-0-0-8	File - Correspondence	1967	Restricted in part	70-1
F-70-1-0-0-9	File - Correspondence	1968	Restricted in part	70-1
F-70-1-0-0-10	File - Correspondence	1969	Open	70-1
F-70-1-0-0-11	File - African Studies	1963 - 1973	Open	70-1
F-70-1-0-0-12	File - Opening Ceremonies	1965	Open	70-1
F-70-1-0-0-13	File - General Correspondence	1965 - 1968	Open	70-1
F-70-1-0-0-14	File - Friends of SFU	1968	Open	70-2
F-70-1-0-0-15	File - Art Gallery	1974 - 1975	Open	70-2

Series F-70-2: SFU Historical Essays

Date: 1985 - 1989 (date of creation)

Scope and content:

Cunningham asked several early faculty and other members of the SFU community to write down their recollections of the early years of the University. He had hoped that the University would produce

a collection of essays to mark its 20th Anniversary. On the advice of an anonymous referee, the University decided against publishing the work. Cunningham considered other ways of producing the volume, but died before he could complete the project.

Series includes rough drafts and final drafts of essays selected for the volume by Cunningham. Essays are listed by individual author. Series also includes correspondence about the project, essays not selected for the proposed volume (submissions by Cunningham, G. Bursill-Hall, T. Finlayson, M. Gibbons, E. Harden, A. Hean, D. Roberts, W. Vidauer, and L. Wilson), and a collection of historical essays by Archie MacKinnon.

Physical description: 12 cm of textual records

General note:

All of the files in this series date from the 1980s, but the exact date of most of them (files 2-22) is not known.

File / item list

Ref code	Title	Dates	Access status	Container
F-70-2-0-0-1	File - Correspondence	1985 - 1989	Open	70-2
F-70-2-0-0-2	File - Early drafts	1985	Open	70-2
F-70-2-0-0-3	File - I. Arthur Erickson, Designing Simon Fraser University	1985	Open	70-2
F-70-2-0-0-4	File - II. Mel Linden, Fond Remembrance	1985	Open	70-2
F-70-2-0-0-5	File - III. Ron Baker, The Beginning	1985	Open	70-2
F-70-2-0-0-6	File - IV. Allan Cunningham, For Richer, For Poorer	1985	Open	70-2
F-70-2-0-0-7	File - V. Marilyn Cairns, A Strong Sense of Duty	1985	Open	70-2
F-70-2-0-0-8	File - VI. Thomas J. Mallinson, Brave New University	1985	Open	70-2
F-70-2-0-0-9	File - VII. Sandy Dawson, The Origin of the Professional Development Program	1985	Open	70-2
F-70-2-0-0-10	File - VIII. Marg Sawyer, Unlikely Trail	1985	Open	70-2
F-70-2-0-0-11	File - IX. Gordon Elliott, An Eye-hole in the Frosted Windowpane	1985	Open	70-2
F-70-2-0-0-12	File - X. L. Johanne Stemo, The Lemondae Brigade	1985	Open	70-2
F-70-2-0-0-13	File - XI. Heribert Adam, The Teaching of Political Literacy at SFU	1985	Open	70-2
F-70-2-0-0-14	File - XII. Gregg Macdonald, Man in a Trenchcoat	1985	Open	70-2
F-70-2-0-0-15	File - XIII. Richard Lester, A View from the Board	1985	Open	70-2
F-70-2-0-0-16	File - XIV. Marg Sawyer, Search Committee	1985	Open	70-2
F-70-2-0-0-17	File - XV. Frances Frazer, Jack Worthing on Burnaby Mountain	1985	Open	70-2
F-70-2-0-0-18	File - XVI. Klaus E. Rieckhoff, On Trying to be Responsible and	1985	Open	70-2

NEXT STEPS

- Dev project underway:
 - Print full lower-level descriptions
 - Make available in PDF, RTF, and TXT
 - Make options configurable for AtoM admins
- Will be included in AtoM 2.2 release (2015)

IDEAS? QUESTIONS?



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Thanks!