

AtoM and Archivematica

Use Cases

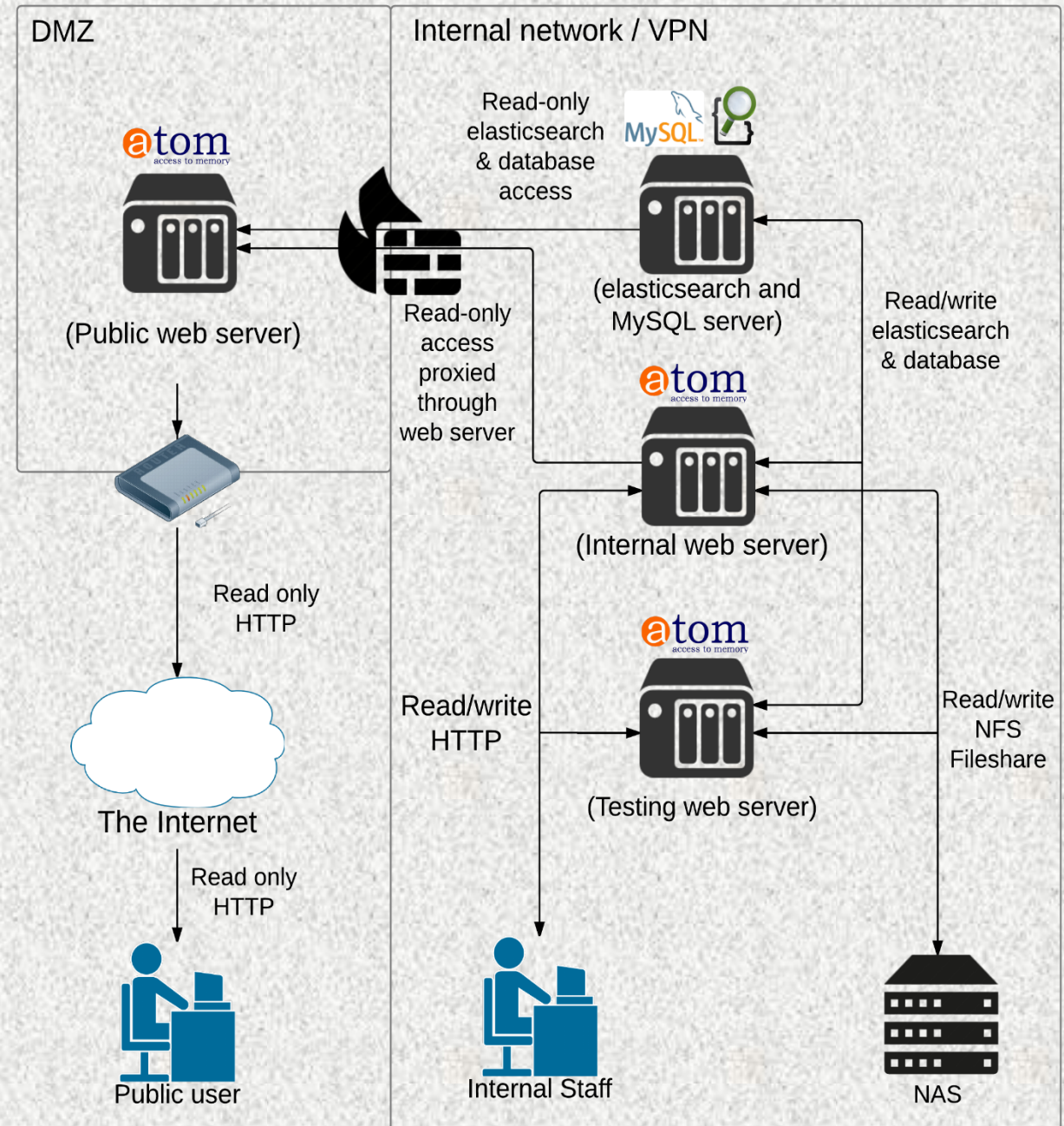


Some examples of how AtoM and Archivematica are used by our global communities

AtoM Use Cases

Medium to Large Deployment Model (Artefactual):

- ES and MySQL deployed on separate server
- Internal read/write and testing web servers
- Separate public read-only front-end web server – content proxied via firewall and replication script



AtoM Use Cases

BC Archives – Royal BC Museum



ROYAL BC
MUSEUM

BC ARCHIVES COLLECTION SEARCH

Browse

Search



[Advanced Search](#)

BROWSE BY

[Archival descriptions](#)

[People/Organizations](#)

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POPULAR THIS WEEK

[Who, me?](#)

28 visits

[Archives visual records collection](#)

22 visits

[Abbott, William](#)

21 visits

[Adams, J.R.](#)

20 visits

Welcome to the online catalogue for the BC Archives. This catalogue contains the archival descriptions of government and private records that are of enduring value to the province of British Columbia. New information is continually added, including some digital copies of records, giving ever growing access to the archival materials.

Access and Search Tips

To begin accessing the descriptions, explore the records by using the search box or advanced search options above. Alternatively, use one of the browse options to access records by title or associated authority (people/organizations, places or subjects).

For precise searching, use the search operator AND (must be in uppercase) in any given search box (e.g. Begbie AND Douglas; Esquimalt AND Macaulay; etc.). Quotation marks should be used when searching for phrases and/or numbers (e.g. "Denman Island"; Princeton AND "coal mine"; "E-07403", "GR-1372.1.9a"; "CM/B1580", etc.). You can also use the * and ? symbols as multiple and single character wildcards (e.g. parade*; legislat*; m?crae). For more detailed information about searching, please visit our [brief](#) or [extended](#) search guides.

To search within a particular type of record, please see the links below:

[Cartographic records](#)

[Visual records](#)

[Moving image records](#)

<http://search-bcarchives.royalbcmuseum.bc.ca/>

AtoM Use Cases

ArchivesCanada – Canadian Portal



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[ALSO VISIT CANADIAN COUNCIL OF ARCHIVES](#)

Browse by



Archival descriptions



Authority records



Archival institutions



Subjects



Places



Digital objects

ARCHIVESCANA.ca *The Gateway to Canada's Past*

ARCHIVESCANA.ca is your gateway to resources in archives across Canada:

Through this gateway, search descriptions of archival materials, find digital images, visit virtual exhibits, browse information about archives in every province and territory, and discover the archives with the information you need.

ARCHIVESCANA.ca is your national portal to Canada's documentary heritage, found in over 800 archives.

Popular this week

BAnQ - Québec 99 visits

BAnQ - Vieux-Montréal 97 visits

Original: mâle, femelle, veau - Sachez les diffé... 76 visits

Virtual exhibits

Hans S. De
University of S

<https://archivescanada.accesstomemory.ca/>

AtoM Use Cases

Using TRIM as the EDRMS System of Record with AtoM for archival access:

- TRIM CSV export
- Custom transformation script of TRIM CSV to AtoM-compatible format
- Import into AtoM





BROWSE ▾



World Bank Group Archives Holdings



- 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

- Records of President Robert S. Mc...
- Pedro-Pablo Kuczynski files **96 visits**
- Records of the Office of the Presid...
- Records of President Eugene R. Bla...
- World Bank Group Archives **79 visits**

Welcome



<https://archivesholdings.worldbank.org/>

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

AtoM Use Cases

United Nations - ARMS Archives and Records Management Section

Welcome to the United Nations. It's your world.

عربي 中文 English Français Русский Español



United Nations
Archives and Records Management Section

*Protecting the Present
Preserving for the Future*

[Use UN Archives](#) [Manage UN Records](#) [Resources](#) [Exhibitions](#) [About Us](#)

Browse ▾

Search UN Archives



Browse by

Catalogue

Digital Objects

Popular this week

United Nations Relief and Rehabilitation Administration (UNRRA) (1943-1946) **64 visits**

Organisations Statut der Landesorganisation der Sozialistischen Partei. Oesterreichs **59 visits**

Middle East Relief and Refugee Administration (MERRA)/United Nations Relift and Rehabilitation Agency (UNRRA) - Policy **51 visits**

Status of Forces Agreement (SOFA) and Status of Mission Agreement (SOMA) **46 visits**

International Refugee Organization (IRO) **43 visits**

United Nations Truce Supervision Organization (UNTSO) - Code Cable

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: 1945-1952

Secretariat Departments

- UN Registry (1946-1983)
- Department of Economic and Social Affairs- DESA

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

AtoM Use Cases

Sponsored development for 2.4
Bulk import via web UI – Including transformation script



Import CSV

Import options

Type

Archival description

Update behaviours

Update matches ignoring blank fields in CSV

☐ Skip unmatched records

Limit matches to:

Top-level description

☐ Do not index imported items ☒ Include transformation script

Select file

Select a file to import

Browse...

No file selected.

Import

Details – see AtoM Roadmap: https://wiki.accesstomemory.org/Releases/Roadmap#Import_and_export

AtoM Use Cases

Archives Society of Alberta
Sponsoring Community Resources

archives
SOCIETY OF ALBERTA



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ALBERTA
ON RECORD 

Browse ▾

Search



BROWSE BY

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POPULAR THIS WEEK

→ [South Peace Regional Archives](#) 94 visits

→ [Glenbow Archives Posters collection](#) 68 visits

→ [The City of Calgary, Corporate Records, Archives](#) 67 visits

→ [Calgary Normal School](#) 58 visits

Welcome

Welcome to the Archives Society of Alberta's online portal to archival collections in Alberta. **Alberta on Record** gives access to collections preserved in many archives throughout the province. You can search thousands of descriptions of archival records, photographs, and textual records held in Alberta's archives. The database also hosts records from Yukon archival collections.

Use the search box with names or keywords to find particular records or use the browse option to discover the memory and evidence of Alberta.

For access to holdings or for reproduction information, please contact the archival institution that is responsible for the records you are interested in.

<https://albertaonrecord.ca/>

AtoM Use Cases

Archives Society of Alberta
Sponsoring Community Resources

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AtoM CLI Tutorials: Video 1 - Using Vagrant

Access to Memory (AtoM) command-line interface tutorials

ArtefactualSystems • 10 videos • 415 views • Last updated on Apr 8, 2016

Access to Memory (AtoM) is a web-based open source application for standards-based archival description and access. Learn more about the project at: <https://www.accesstomemory.org>.

This series of tutorial videos will introduce AtoM users to some... more

[▶ Play all](#)[◀ Share](#)[+ Save](#)

1



AtoM CLI Tutorials: Video 1 - Installing the AtoM Vagrant Box
by ArtefactualSystems

3:16

2



AtoM CLI Tutorials: Video 2 - Using PuTTY for SSH access (Windows Users)
by ArtefactualSystems

2:04

3



AtoM CLI Tutorials: Video 3 - Vagrant SSH access for Linux and Mac users
by ArtefactualSystems

3:38

4



AtoM CLI Tutorials: Video 4 - Using Debug mode and accessing the webserver error logs
by ArtefactualSystems

9:05

5



AtoM CLI Tutorials: Video 5 - running basic maintenance tasks in the command-line interface
by ArtefactualSystems

9:51

6



AtoM CLI Tutorials: Video 6 - Using the bulk XML import command-line task
by ArtefactualSystems

13:03

<https://www.youtube.com/playlist?list=PLZiwlG5eSMeyeETe15EsEBSu5htPLK-wm>

AtoM Use Cases

Seneca College Archives
Sponsoring Community Resources

Seneca

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- [Functions](#)
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SENECA COLLEGE ARCHIVES

Welcome to Seneca College Archives

The Archives identifies, preserves, and makes available for use the documentary heritage of Seneca College.

We collect in-active records of long-term value produced by the departments and faculties of Seneca College (College Records), as well as the records of individuals and organizations closely associated with the College (Private Records).

Records in our collection include, but are not limited to the following formats: textual, moving image, sound, graphic, architectural drawings, publications, and artifacts.

Our resources are open to all members of the College community for the purposes of research, teaching, publication, television and radio programmes, and for general interest.

Reproduction or referral to the Archives' holdings must be cited accurately. For more information on citation contact the Archivist.

© 2016 [Seneca Libraries](#). All Rights Reserved.

<https://senecacollege.accesstomemory.org/>

Create a custom theme

In most cases, it's probably enough to build a custom theme upon an existing one and preferably to use one that relies on our base theme Dominion, so you don't have to get your hands too dirty. It's in the details where most of the complexities are found. Dominion is the result of a cyclic process of testing and refining by a large community of users, try not to underestimate that!

AtoM bundles two themes: arDominionPlugin and arArchivesCanadaPlugin. Their names follow the naming convention of Symfony 1.x plugins, because that is how themes are implemented in AtoM. You may want to read more about Symfony plugins later following [one of their guides](#).

arDominionPlugin is the default theme, i.e. the theme that will be used in a fresh installation.

arArchivesCanadaPlugin was developed as an extension of the former and the following instructions will show you how to create your custom theme as we did with arArchivesCanadaPlugin.

Assuming that you already have AtoM installed in your development environment (you can use our [Vagrant box](#)), let's start building the plugin structure from the command line. Our theme is going to be called Corcovado (arCorcovadoPlugin). We are going to track its contents with git and publish them in a remote repository hosted by GitHub so we can enable others to contribute in the development. The repository is open source so you can use it for your own reference, see <https://github.com/artefactual-labs/atom-theme-corcovado>. You can also [create your own repository](#).

Let's begin to do some real work:

```
$ cd ~/atom/plugins
$ mkdir arCorcovadoPlugin
$ git init
$ echo "# Corcovado theme" > README.md
$ git add README.md
$ git commit -m "Initial commit"
$ git remote add origin git@github.com:artefactual-labs/atom-theme-corcovado.git
$ git push
```

We've created an empty directory where our plugin is going to be built. We've created our first file and published our work to GitHub! However, our plugin is not yet recognized by AtoM to recognize it and allow us to enable it. Let's make that happen:

```
$ cd ~/atom/plugins/arCorcovadoPlugin
```

- Version 2.3
- Version 2.4

Archivematica Use Cases

Simon Fraser University

Building a Digital Repository with Archivematica and AtoM

SFU

SFU AtoM

Browse ▾

Search



Your portal to SFU's archival holdings

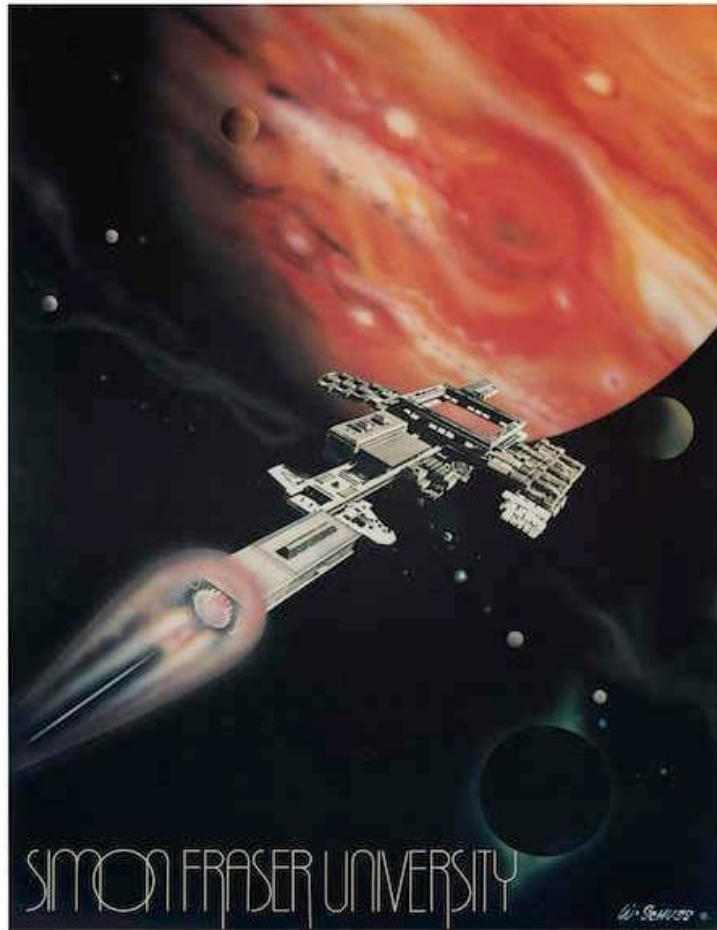
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- [Repositories](#)
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- [Subjects](#)
- [Places](#)
- [Digital objects](#)

Popular this week

- [Course outlines database export](#) **69 visits**
- [Desiderata.pdf](#) **24 visits**
- [Simon Fraser University Archives and Records Management Department](#) **22 visits**
- [Women's movement collection \(Anne Roberts collector\)](#) **19 visits**
- [Mark Winston fonds](#) **17 visits**
- [Pestology Centre](#) **14 visits**
- [Convocation June 2016](#) **13 visits**
- [W.A.C. Bennett fonds](#) **11 visits**
- [Patrick McTaggart-Cowan fonds](#) **11 visits**
- [Apiculture \(beekeeping\) collection](#) **11 visits**

SFU AtoM Home



SFU AtoM (Access to Memory) is a collaborative venture of SFU Archives and SFU Library's Special Collections and Rare Books.

SFU AtoM provides a single interface for searching the archival holdings of both repositories. The database contains descriptions of records existing in many media and formats; where digital copies are available, they are accessible directly from the description. Over time, we will be increasing the digital content available through the site.

To get started, use the search box or select a browse option.

[Search tips](#)

[Copyright policy](#)

Image source:

F-211, Simon Fraser University poster collection

File F-211-0-0-0-1, Campus and event posters

<http://atom.archives.sfu.ca/>

Archivematica Use Cases

Simon Fraser University
Building a Digital Repository with Archivematica and AtoM

 **SFU** SIMON FRASER UNIVERSITY
ENGAGING THE WORLD

Archives and Records Management

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RESEARCHER RESOURCES

DONOR RESOURCES

Digital Preservation at SFU

In 2016, SFU launched its digital repository for archival materials. This enables the Archives and Records Management Department to acquire, preserve and provide access to important digital records created by the university, as well as privately donated digital archival materials.

Digital preservation goes beyond simple storage. It means preserving the ability to access authentic and reliable digital records over time and across changes in computing technology, as the hardware and software environments in which records were originally created become obsolete. There is still much work in front of us, but the Archives and Records Management Department is now positioned to carry its mandate into the digital world of modern records.

UNIVERSITY RECORDS

Digital records of the university are scheduled under [Records Retention Schedule and Disposal Authorities \(RRSDAs\)](#).

- Digital records with an archival disposition (i.e. final disposition = *Selective Retention* or *Full Retention by the Archives*) may be transferred to the digital repository at the end of their total retention period.
- Contact the Archives and Records Management Department

PRIVATE RECORDS

Links

TRANSFER DIGITAL RECORDS

- Transfer forms and procedures
- Download links for SFU MoveIt, a desktop utility for packaging digital files for transfer

TECHNICAL OVERVIEW

Additional information on the technical infrastructure, standards and architecture of the digital repository.

- Resources supporting best-practices for digital records

<http://www.sfu.ca/archives/digital-repository.html>

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Technical Overview

SFU Archives' digital repository is built on the **Archivematica** platform, an open-source software application developed by **Artefactual Systems Inc.** Archivematica transforms digital objects transferred to the repository into **OAIS**-compliant Submission Information Packages (SIPs) and processes them through a series of micro-services provided by Archivematica scripts and a suite of integrated, open-source tools bundled in the Archivematica system. Micro-services uncompress all zipped files, assign unique IDs and checksums to each object, run virus checks, extract and record technical metadata, identify file formats, and normalize files (make copies) to preservation and access formats based on rules codified in the Archives' **Format Policy Registry (FRR)**.

At the end of the micro-services "pipeline," Archivematica produces two OAIS-compliant outputs. The Archival Information Package (AIP) contains the original object, plus a copy normalized to the preservation format, plus all the associated metadata wrapped together as a single object using the **METS**, **PREMIS**, and **BagIt** standards. The AIP is sent to archival storage for long-term preservation. In addition, Archivematica outputs a Dissemination Information Package (DIP), containing an access copy plus minimal descriptive metadata. Archivematica sends the DIP to the repository's access system, SFU AtoM, for further description by an archivist, following which it can be made available for public access.

SFU AtoM

SFU AtoM is the public access component of the Archives' digital repository and runs on **AtoM** (Access to Memory), an open-source, web-based application for archival cataloguing that integrates with Archivematica and allows digital materials to be directly linked to their archival descriptions.

SFU AtoM implements the Canadian descriptive standard, the **Rules for Archival Description (RAD)**, and it is shared by both SFU Archives and SFU Library's Special Collections and Rare Books divisions, which maintain their own metadata and their own holdings of digital

What is an archival digital repository?

The Archives' digital repository implements the functional requirements of the Open Archival Information System (OAIS), an ISO standard and reference model. The project is guided by Trusted Digital Repository (TDR) best-practices and professional standards to ensure the long-term accessibility, usability, and authenticity of digital archival records, a vital resource for administrative continuity and planning, legal compliance, and historical research.

System architecture

together hardware, software, VMs, and disk space. Click the image to

<http://www.sfu.ca/archives/digital-repository/dr-overview.html>

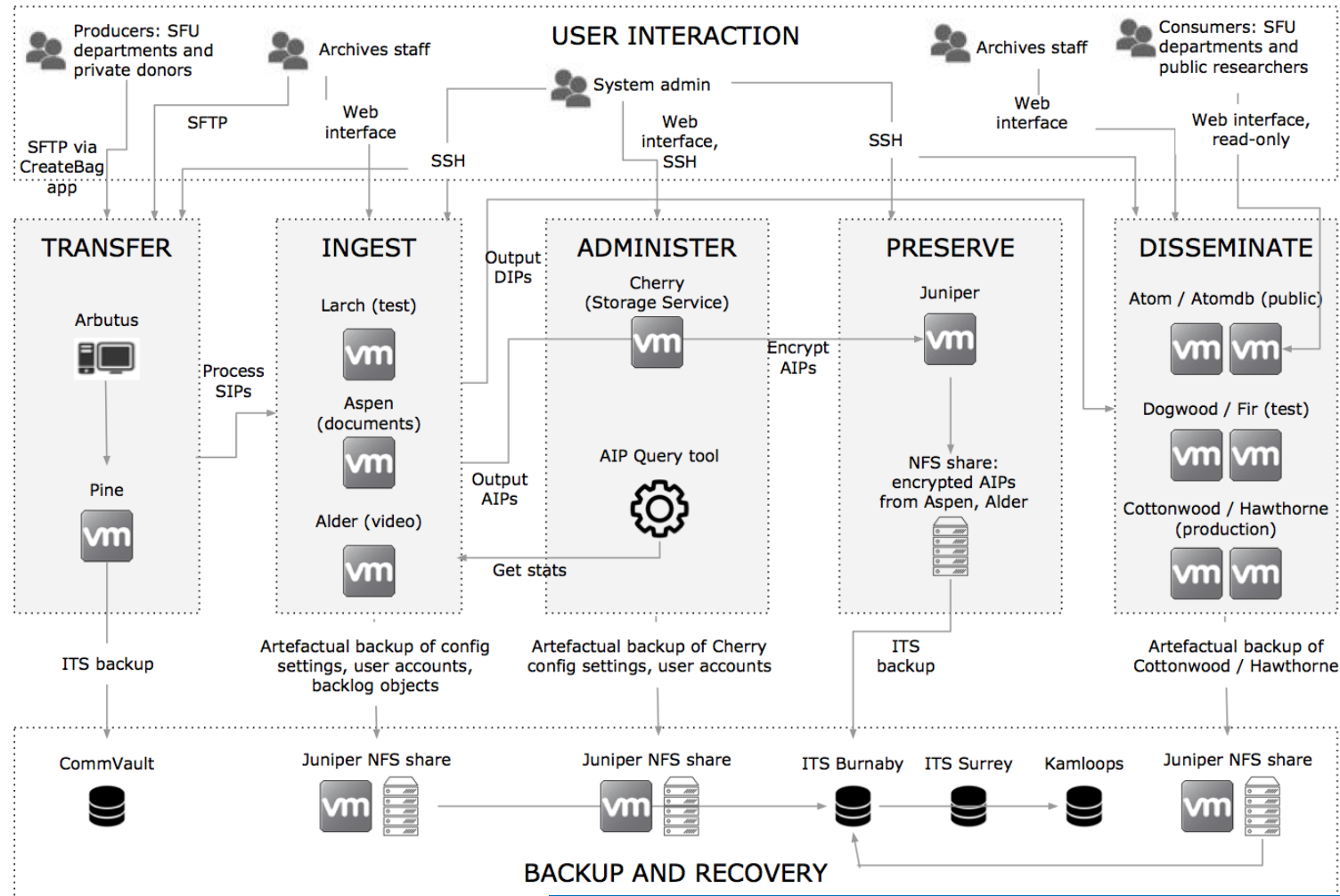
Archivematica Use Cases

Simon Fraser University

Building a Digital Repository with Archivematica and AtoM

SFU Archives Digital Repository Infrastructure (v10) – Oct 9, 2015

SIP = Submission Information Package
AIP = Archival Information Package
DIP = Dissemination Information Package



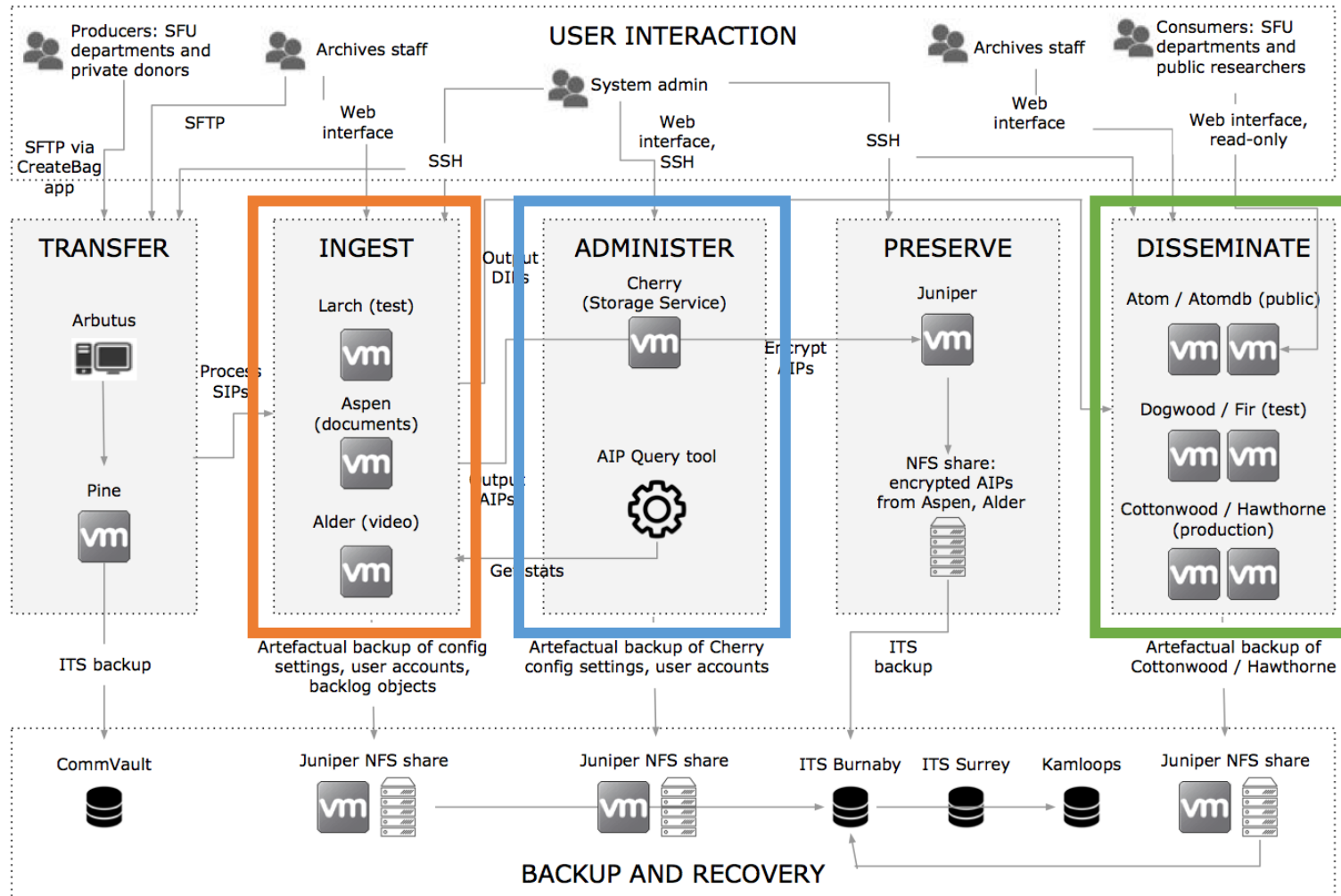
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SFU Archives Digital Repository Infrastructure (v10) – Oct 9, 2015

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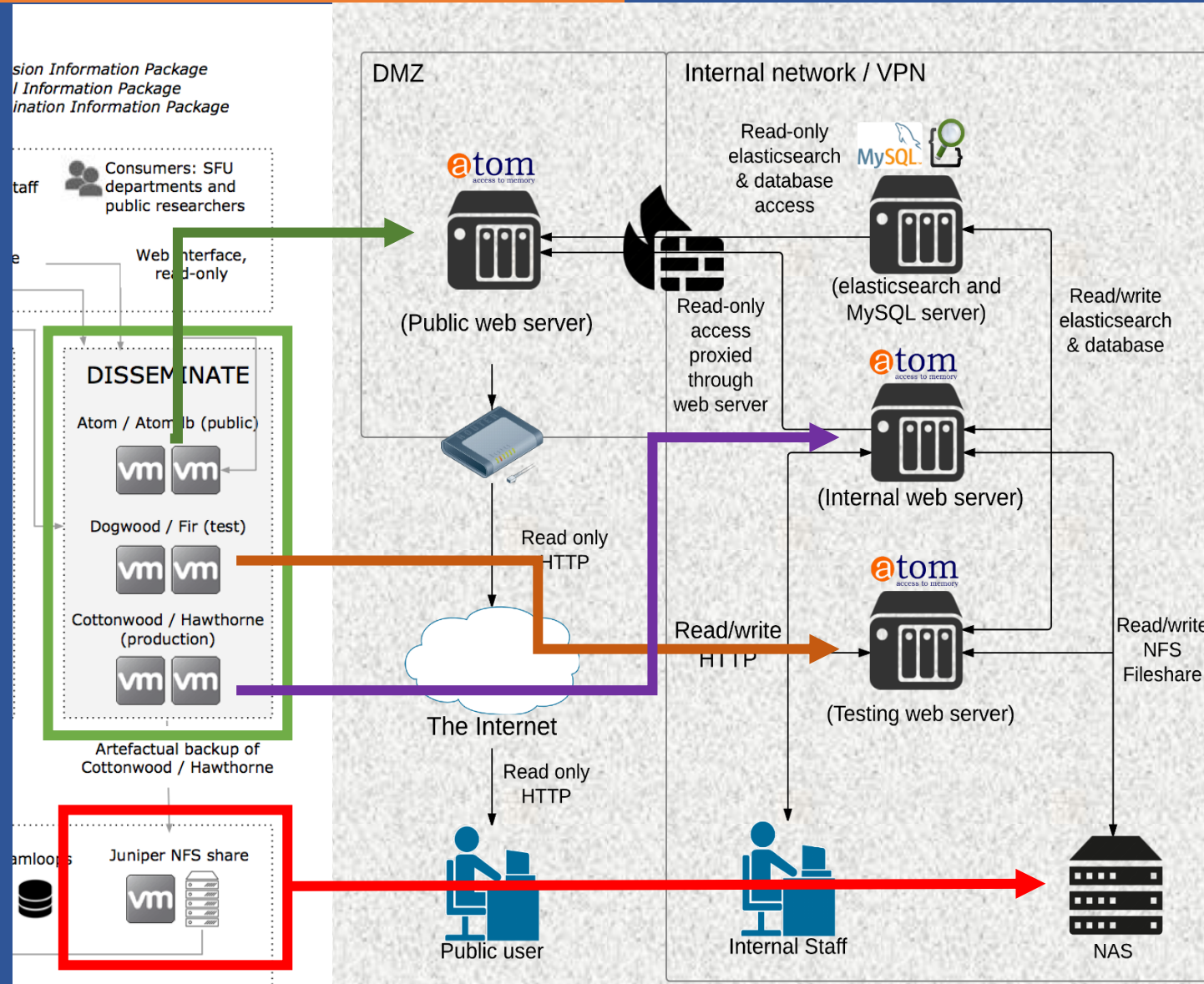


-  = Archivematica pipelines
-  = AM Storage Service
-  = SFU AtoM

Archivematica Use Cases

Simon Fraser University

Building a Digital Repository with Archivematica and AtoM



Archivematica Use Cases

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Building a Digital Repository with Archivematica and AtoM



Type of document

Standard

Date

July 20, 2016

Document status

Draft

Version

v2.2

Comments

Circulating for comment

STN-9

SFU Archives Format Policy Registry

<http://www.sfu.ca/content/dam/sfu/archives/DigitalPreservation/FormatPolicyRegistry.pdf>



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Questions?

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