

Archivematica-as-a-Service

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Webinar

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- Incorporated in Canada in 2000
- Based in Canada, with 30 employees in 5 countries and 5 time zones
 - UK, Spain, Canada, United States, El Salvador
- Multidisciplinary team
 - Archivists, Librarians, Software Developers, Systems Administrators
- Organisational home to two open source software projects:
 - Archivemata and AtoM (Access to Memory)
- Artefactual's mission is to provide the heritage community with vital expertise and technology in the domains of digital preservation and online access.



Council of Prairie and
Pacific University Libraries



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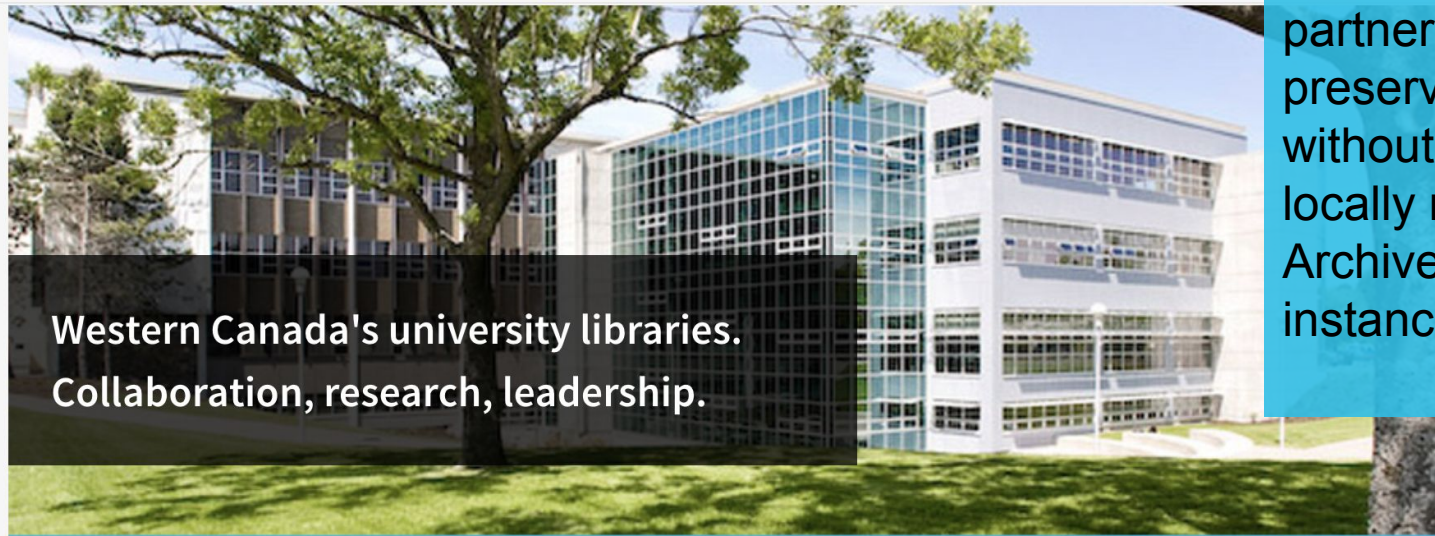
About COPPUL

Licenses & Products

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News and Events



Western Canada's university libraries.
Collaboration, research, leadership.

“COPPUL offers
Archivematica-as-a-
Service for COPPUL
members and other
partners wishing to
preserve digital holdings
without installing and
locally managing
Archivematica
instances.”

University of Victoria Library

archivematica

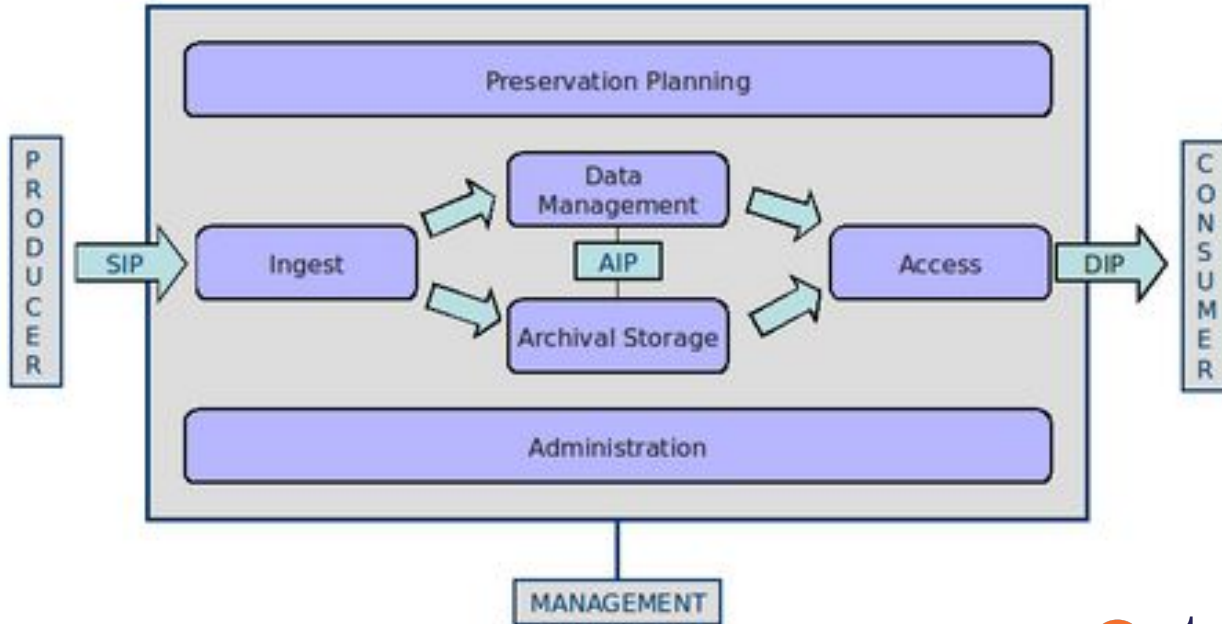
Free and open source software

atom
access to memory

- Digital Preservation System / Description and Access System
- Developed and Maintained by Artefactual
- Software Contributions from 40+ developers across multiple organisations
- Established and Growing International Community of Users
- Based on national and international standards and best practices, including:
 - OAIS, Premis, METS, bagit, PRONOM, ISAD(G), RAD, DACS, DC, MODS, and others

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OAIS-compliant



OAIS-compliant

archivematica.

Transfer

Backlog

Appraisal

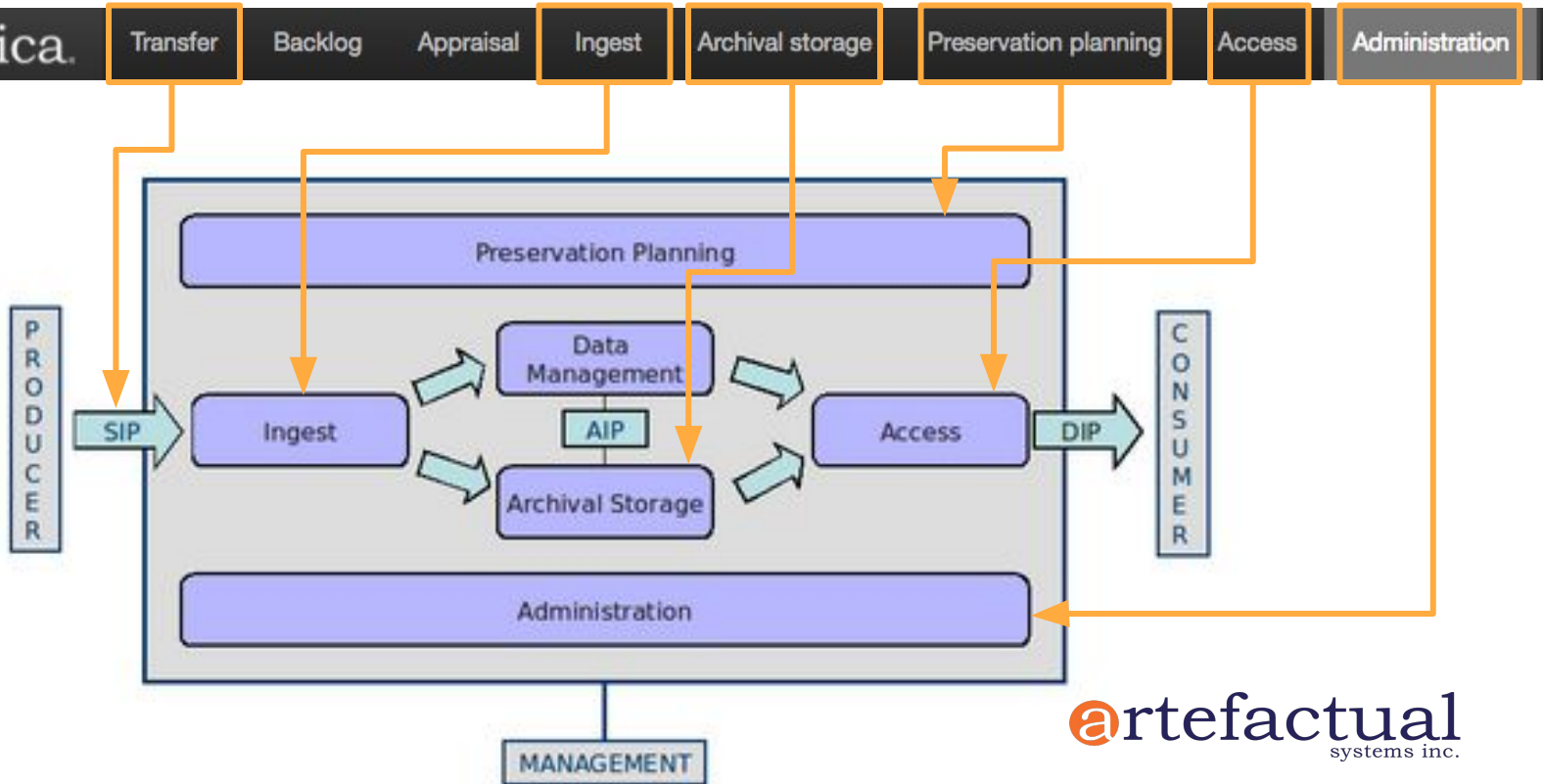
Ingest

Archival storage

Preservation planning

Access

Administration



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Archivematica-as-a-Service

Shared service model

- COPPUL, Artefactual, UBC (EduCloud Server Service)

COPPUL member benefits

- Use existing digital preservation platform: Archivematica installed in VMs hosted by UBC EduCloud
- Hosting & digital object storage and back-up that meets BC provincial privacy requirements under FIPPA
- Storage also in EduCloud (UBC Vancouver, geo-remote back up in UBC Okanagan)
- Training and technical services from Artefactual
- Centralized system administration

Archivematica-as-a-Service

Tiered service levels: all include Archivematica installation (one pipeline) on VM, dashboard, training and technical support

Bronze level (\$5,200):

- 2 CPUs, 16 GB RAM
- 400 GB disk space for processing and storage

Silver level (\$6,900):

- 4 CPUs, 32 GB RAM,
- 1 TB disk space for processing and storage

Gold level (\$11,450):

- + AtoM for online public access to preserved content
- 8 CPUs, 48 GB RAM,
- 2 TB disk space for processing and storage

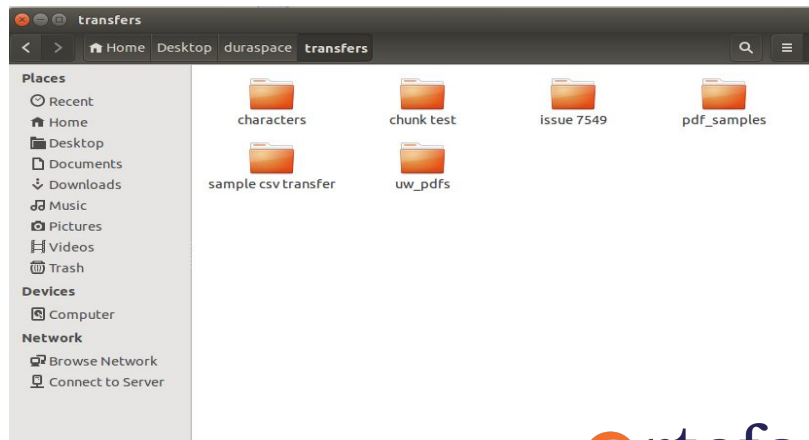
Archivemata-as-a-Service

Additional options:

- Additional storage at all levels is provided at a cost of \$500 per TB.
- DSpace+ integration is available for gold or silver service levels only. Costs are \$4,000 for the first year and \$2,000 for subsequent years, in addition to the costs for Archivemata-as-a-service.
- Pipelines+ service is available for gold or silver service levels only: additional pipelines may be added for \$5,200 per pipeline per year, and each additional pipeline comes with 1 TB of storage.

AaaS: Getting started

- Archivemata will require access to the digital content you want to preserve
- Options:
 - Upload via SFTP
 - Give Artefactual SSH credentials
 - Automation tools



AaaS: Live demo

Need to know

- Use the Archivematica dashboard
- Create an AIP
- Review the storage tab, download and AIP, examine a METS file

Good to know

- Backlog and Appraisal
- The Administration tab and processing configurations
- The Preservation Planning tab
- Send a DIP to AtoM

AaaS: Other workflows

- Re-ingest AIPs to update metadata, create DIPs, re-run preservation services
- View/analyze files, logs and metadata during arrangement
- View normalization reports and results in your browser
- Set your own preservation policies using the FPR
 - Normalization
 - Characterization
 - Policy checking, and more
- Create DIPs for upload to AtoM or manual upload to another access system
- Preserve forensic disk images with imaging metadata

Thank you!



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