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digital preservation consulting services

open-source sofware for archives and libraries

@rchivematica。







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Product Manager,
Archivematica



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Joseph Perry Software Engineer

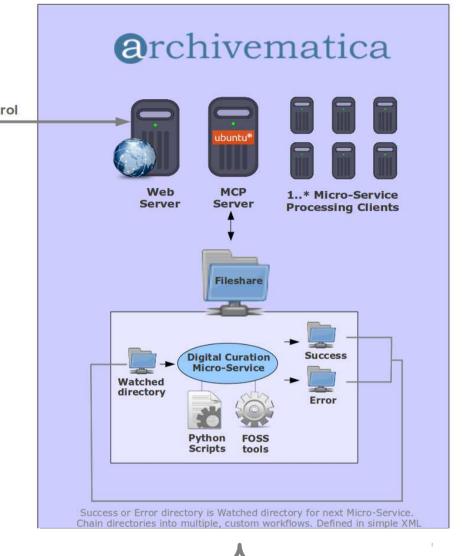


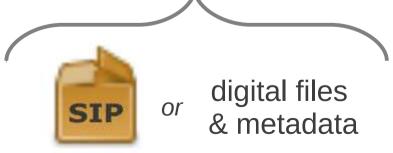
Mike Cantelon Software Engineer









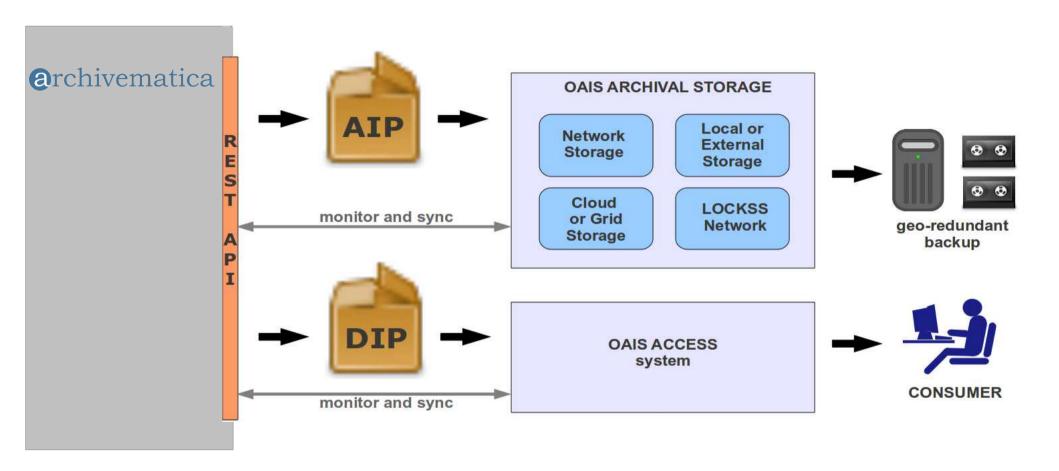












The Archivematica Archival Information Package (AIP)

- The ingested digital objects
- Preservation versions of the objects
- Submission documentation
- Logs
- The METS file
 - PREMIS metadata



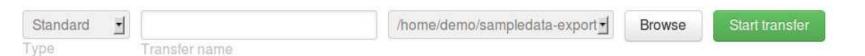
The METS file

```
<dmdSec> (descriptive metadata)
 Dublin Core XML
<amdSec> (administrative metadata)
  <techMD>
   PREMIS: object
  <digiProvMD>
   PREMIS: events
   PREMIS: agents
  <rightsMD>
   PREMIS: rights
<fileSec> (a list of the files and their roles and relationships)
<structMap> (a representation of the physical structure of the AIP)
```

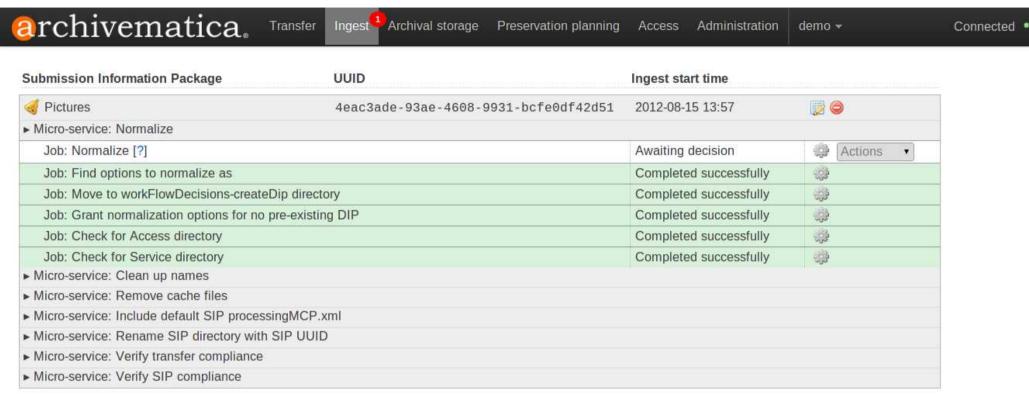




▶ Micro-service: Complete transfer



Transfer	UUID	Transfer start time	
√ Pictures	ba113e3a-f809-462d-8e4d-34f7fb4f7640	2012-08-15 10:15	
► Micro-service: Approve transfer			
Job: Approve transfer [?]		Awaiting decision	Actions -
Mail dear	4bb41b9e-1c6b-4cb1-9e41-56fe0ba3dd64	2012-08-14 15:44	2 0
▶ Micro-service: Create SIP from Transfer			
► Micro-service: Complete transfer			
▶ Micro-service: Characterize and extract metadata			
► Micro-service: Clean up names			
▶ Micro-service: Scan for viruses			
► Micro-service: Extract packages			
▶ Micro-service: Generate METS.xml document			
► Micro-service: Verify transfer checksums			
▶ Micro-service: Assign file UUIDs and checksums			
▶ Micro-service: Include default Transfer processingN	ICP.xml		
► Micro-service: Rename with transfer UUID			
► Micro-service: Approve transfer			
Bad names	747da9a9-46f6-4d77-bf98-caa7d5ee29f8	2012-08-14 14:32	
Micro-service: Create SIP from Transfer			







PREMIS events

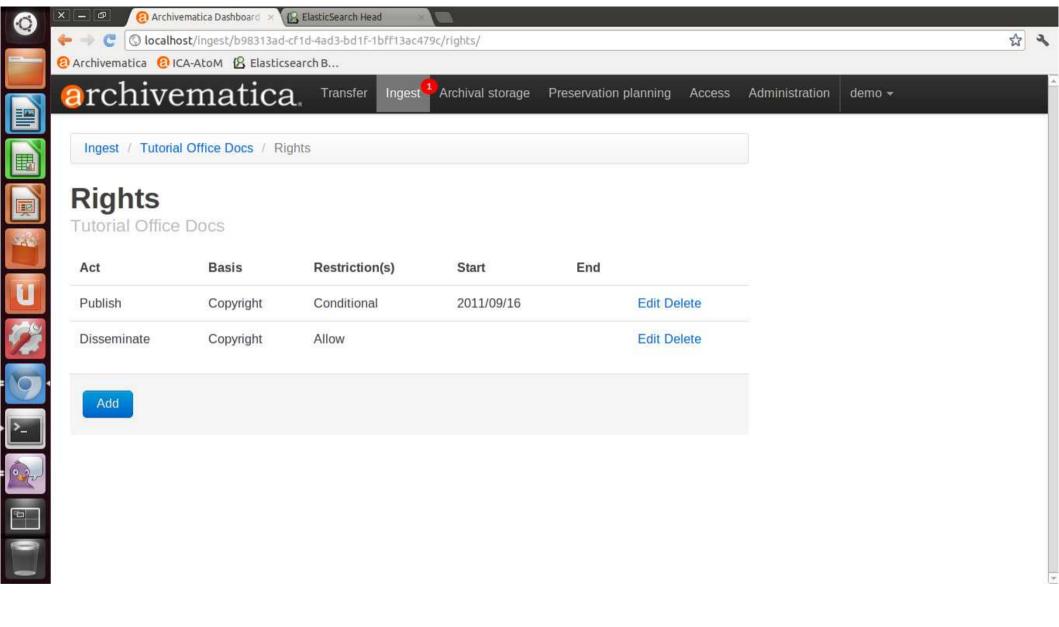
- Ingestion
- Fixity check
- Message digest calculation
- Identifier assignment
- Unpacking

- Virus check
- Name cleanup
- Format identification
- Validation
- Normalization

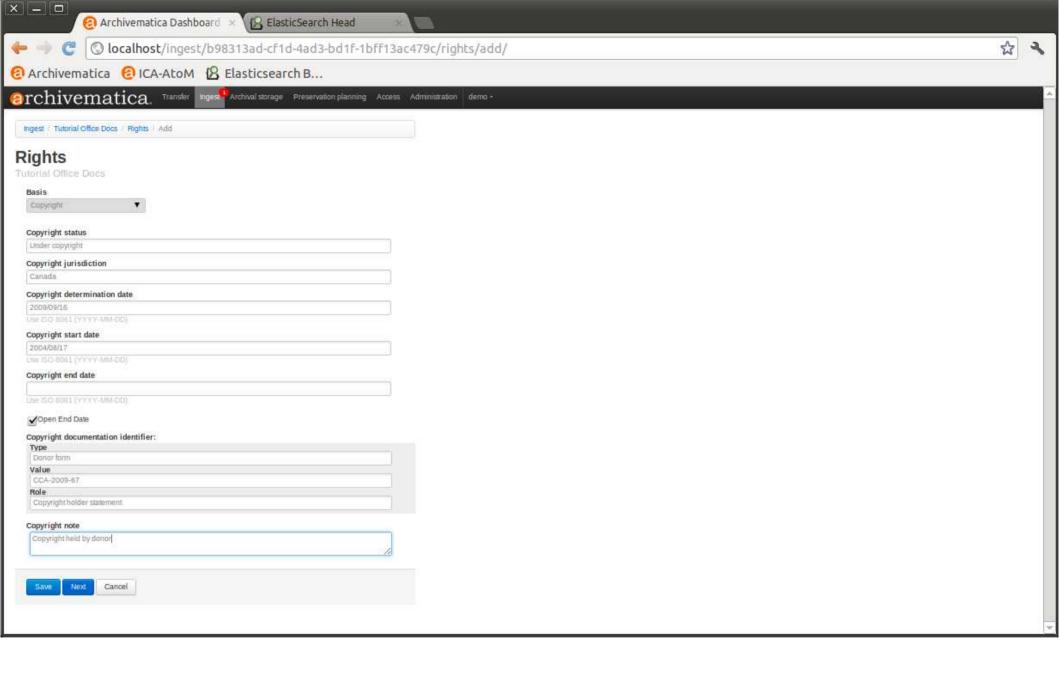


Archivematica 0.9 / PREMIS 2.2

- Restriction can be "Allow", "Disallow" or "Conditional".
- If Restriction is "Disallow" or "Conditional", rights restricted start and end dates in PREMIS will be in a <termOfRestriction> container.
- If Restriction is "Allow", rights granted start and end dates will be in a <termOfGrant> container.
- All note fields should be a repeatable field.
- Basis remains "Copyright", "Statute", "License", "Policy", and "Donor". However, "Policy" and "Donor" will be expressed as <otherRights> in the PREMIS file.
- All rights now have Documentation identifier sections which allow the user to make intellectual links between rights statements and external documentation, such as institutional policy documents or donor agreements.
- All rights now have start and end dates linked to the rights basis as well as to an act. For example, a policy can have a start date of 1992 but acts it allows (such as dissemination) have separate start and end dates.
- No agents will be linked to rights statements.
- Use "OPEN" for open-ended terms of restriction granted, rights granted, and permission granted. (checkbox in Archivematica)
- A blank end date indicates either end date unknown or the permission statement applies to many objects with different end dates. In this case, endDate is omitted from the metadata

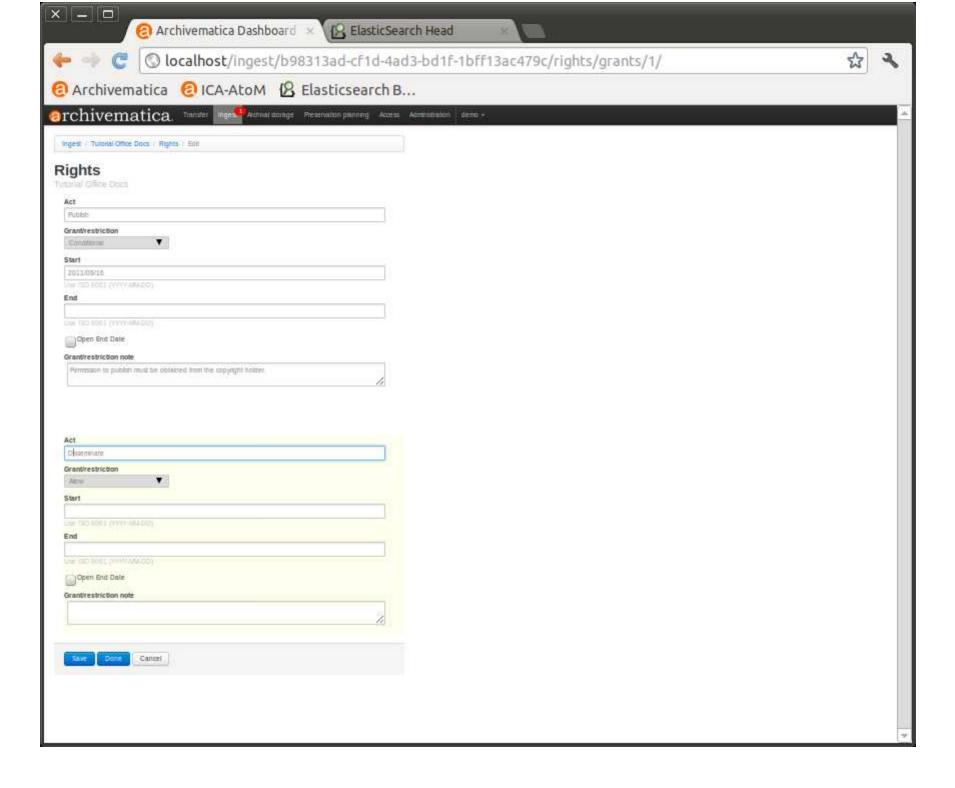












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   -<rightsStatement>
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        k1qv7f9f30h6</rightsStatementIdentifierValue>
      </rightsStatementIdentifier>
      <rightsBasis>Copyright</rightsBasis>
     -<copyrightInformation>
        <copyrightStatus>Under copyright</copyrightStatus>
        <copyrightJurisdiction>ca</copyrightJurisdiction>
        <copyrightStatusDeterminationDate>2009-09-16</copyrightStatusDeterminationDate>
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      -<copyrightDocumentationIdentifier>
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         2009-67</copyrightDocumentationIdentifierValue>
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        </copyrightDocumentationIdentifier>
      -<copyrightApplicableDates>
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         <endDate/>
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      </copyrightInformation>
     -<rightsGranted>
        <act>Publish</act>
        <restriction>Conditional</restriction>
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        </termOfRestriction>
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         Permission to publish must be obtained from the copyright holder
        </rightsGrantedNote>
      </rightsGranted>
    --dentifier>
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        dinkingObjectIdentifierValue52cbad80-70fd-4f46-887f-a1be7f9f30e0/linkingObjectIdentifierValue
      /linkingObjectIdentifier>
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   </rights>
 </premis>
```

```
--remis>
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        </statuteCitation>
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      </statuteInformation>
     -<rightsGranted>
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        <restriction>Conditional</restriction>
      -<termOfRestriction>
          <startDate>2011-09-19</startDate>
          <endDate>open</endDate>
        </termOfRestriction>
      -<rightsGrantedNote>
          Researcher must sign form CCA-12.56-1, Personal Data Research Agreement
        </rightsGrantedNote>
      -<rightsGrantedNote>
         Information can be published only in anonymized aggregate form
        </rightsGrantedNote>
      </rightsGranted>
     --dentifier>
```

```
--remis>
   -<rights>
      -<rightsStatement>
         -<rightsStatementIdentifier>
                 <rightsStatementIdentiferType/>
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             <ri>dhtsBasis>License</rightsBasis></ri>
                                                                                                                                                                             OTHER: Policy
          -censeInformation>
                                                                                                                                                                                                               Donor agreement
             --licenseDocumentationIdentifier>
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                    licenseDocumentationRole>Accession form
                 /licenseDocumentationIdentifier>
             -censeTerms>
                    This file is licensed under the Creative Commons Attribution-Share Alike 3.0 Unported license
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                    <endDate>open</endDate>
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                 <restriction>Allow</restriction>
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                    <endDate>open</endDate>
                 </termOfGrant>
                 <ri>description </rights/frantedNote </rights/rights/frantedNote ></rights/frantedNote >
             </rightsGranted>
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                 /linkingObjectIdentifier>
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                 kingAgentRole/>
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2011-12-01/5

Accession number

2011-12-01/5

Acquisition date *

2009-7-14



Source of acquisition *

Fonds was donated by Emily Wordsworth, former Special Collections Archivist at the University of Crawford, ca. 2009.

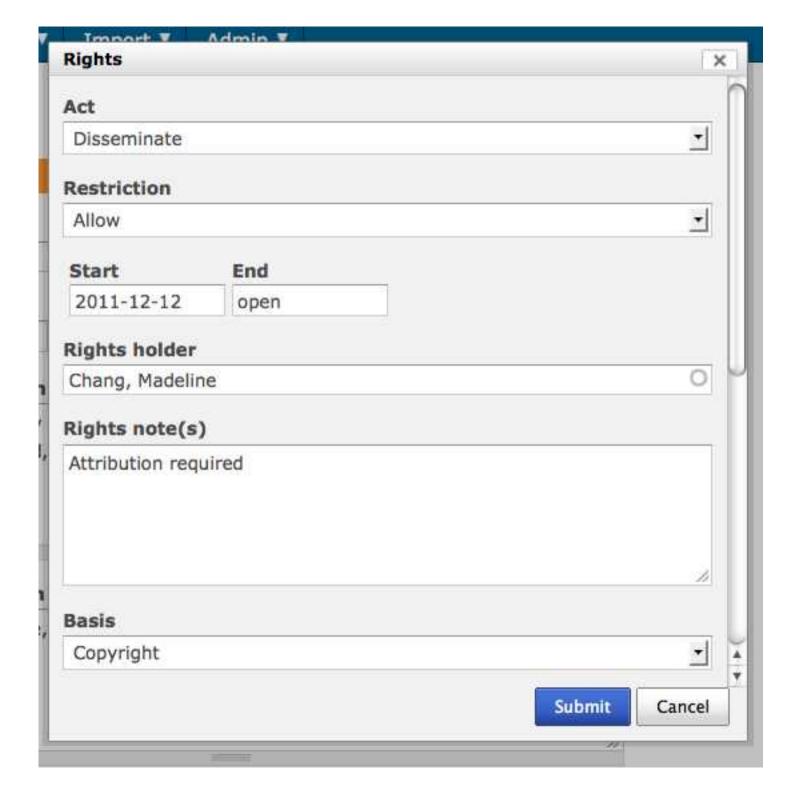
Location information *

Archives main storage, aisle 04, shelf B.

- Donor/Transferring body area
- Administrative area
- Rights area

Cancel

Save



View archival description File 13 – Job no. 580: Vancouver City Hall construction site



Identity area

Antarence code	CA CVA Add. MSS. 1399-13-13
Title	Job no. 580: Vancouver City Hall construction site
Dete(s)	01/02/36 (Creation)
eval of description	File
Extent and medium	1 photograph : silver gelatin print ; 7 x 12 cm

Context area

- 110711 See - Se		
Name of creator	Townley, Matheson and Partners	
Repository	City of Vancouver Archives	

Rights area

ghts area.			
M Act			
Replicate			
Restriction			
Allow			
Start date			
2011-12-13			
Basis			
Copyright			
Copyright status			
Public domain			
Copyright status da			
2011-12-13			
Copyright jurisdiction			

Canada

Archival institution

City of Vancouver Archives

Creator(s)

Townley, Matheson and Partners

Fonds

- Fonds Add. MSS. 1399 -Townley, Matheson and Pa...
 - Series 13 Project photographs
 - File 632 Famous Cloak and Suit Company, Ltd.
 - File 13 Job no. 580: Vancouver City Hall cons...

Export

- Dublin Core 1.1 XML
- EAD 2002 XML.