

# Exploring GAip as a potential digital preservation tool for archives in Wales

National Library of Wales

and

Gloucestershire Archives

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# Exploring GAip as a potential digital preservation tool for archives in Wales

## Objectives:

1. include repository deposit (Sword)
2. include METS
3. provide Cymraeg

Duration: July, August, September 2009

# GAip: Gloucestershire Archives' open digital curator

GAip is a demonstrator tool to support

- a) hands on learning, and
- b) digital curation advocacy

Open...	>
Save as...	>
Close	
Exit	

Save new digital object

Ingest package... >

Production object... >

Curated object... >

Metadata template

Title:	
Local identifier:	
Subject:	
Rights:	
Owner:	
Creator:	
Create year:	
Marked*:	
Metadata date*:	
Digital object id*:	
Instance id*:	
Derived from*:	
Original id*:	
Certificate*:	
Format*:	
Language*:	
Usage terms*:	
Web statement*:	
Rating:	
Advisory:	
Contributor:	
Coverage:	
Description:	
Label:	

Cancel

OK

# GAip: Gloucestershire Archives' open digital curator

1. OAIS
2. Digital Asset Management Systems
3. “Scholars' workbench”
4. Archives and digital curation
5. Integrated digital curation workflow

# GAip: Gloucestershire Archives' open digital curator

## Before / After

# GAip: Gloucestershire Archives' open digital curator

## Create

1. Archival Information Package (AIP)
2. Dissemination Information Package (DIP)
3. preservation format migration
4. intrinsic XMP metadata



1238318125.gaip  
34.8 KB

File Browser window titled "/ on 1238318125.gaip - File Browser". The window has a menu bar (File, Edit, View, Go, Bookmarks, Tabs, Help) and a toolbar with buttons for Back, Forward, Up, Stop, Reload, Home, Computer, and Search. The address bar shows the current location as "1238318125.gaip". The view is set to "Icon View" at 200% zoom. The window displays five items:

- original**: A folder icon labeled "original" containing "1 item".
- ingest.log**: A text file icon labeled "ingest.log" with a size of "1.5 KB". The preview shows log entries: "Started G1", "[OK] Mac", "[OK] Cop", "[INFO] t", "[INFO] t", "[INFO] sha", "[INFO] t", "[INFO] t", "[INFO] t".
- ingest.xml**: A document icon labeled "ingest.xml" with a size of "1.2 KB".
- manifest**: A document icon labeled "manifest" with a size of "221 bytes".
- preserved.png**: A PNG image icon labeled "preserved.png" with a size of "26.8 KB". The preview shows a line graph with "amount" on the y-axis and "time" on the x-axis. The graph features a solid blue line that increases linearly, then a dashed blue line continuing the slope, and a dashed red line that branches off horizontally.

The status bar at the bottom of the window indicates "5 items".

AIP ▾ 1 item, Free space: 9.6 GB

[GAip: Gloucestershir... / on 1238318125.gaip ... AIP

Applications Places System



cymal Sat 19 Sep, 12:05





# GAip: Gloucestershire Archives' open digital curator

Provide

1. repository deposit using Sword
2. extrinsic METS metadata
3. Cymraeg – English support

# GAip: Gloucestershire Archives' open digital curator

## 1. Repository deposit

Simple web-service offering repository deposit  
“Sword”

Open... >

Save as... > Save new digital object

Close

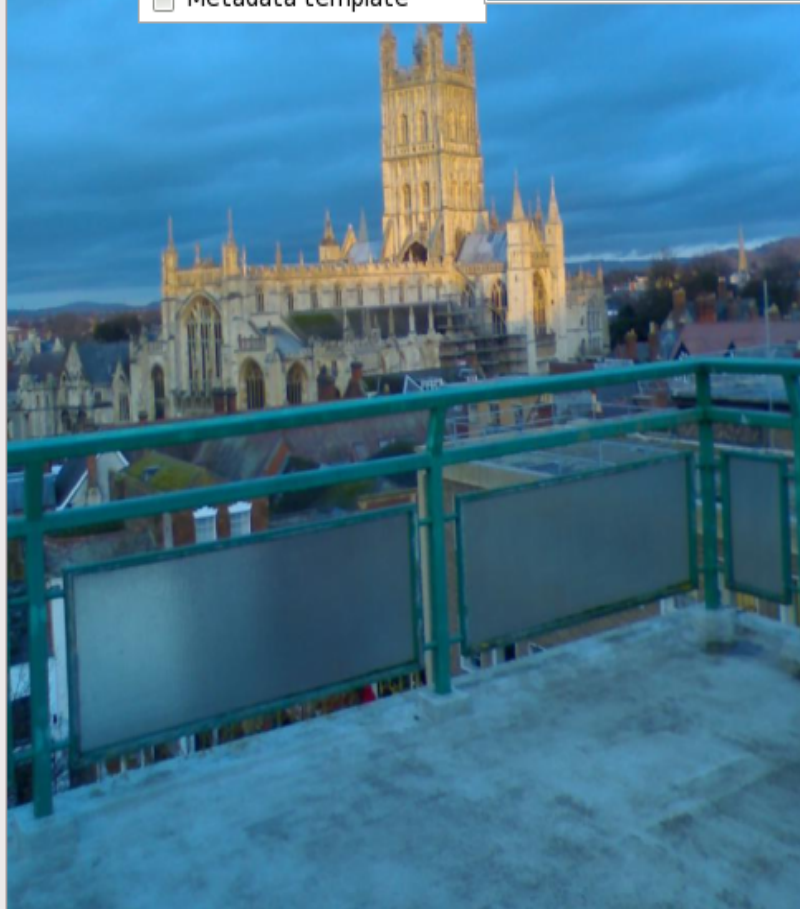
Exit

Ingest package... > As a file or repository deposit

Production object... >

Curated object... > File

Metadata template Deposit



Title:

Local identifier:

Subject:

Rights:

Owner:

Creator:

Create year:

Marked\*:

Metadata date\*:

Digital object id\*:

Instance id\*:

Derived from\*:

Original id\*:

Certificate\*:

Format\*:

Language\*:

Usage terms\*:

Web statement\*:

Rating:

Advisory:

Contributor:

Coverage:

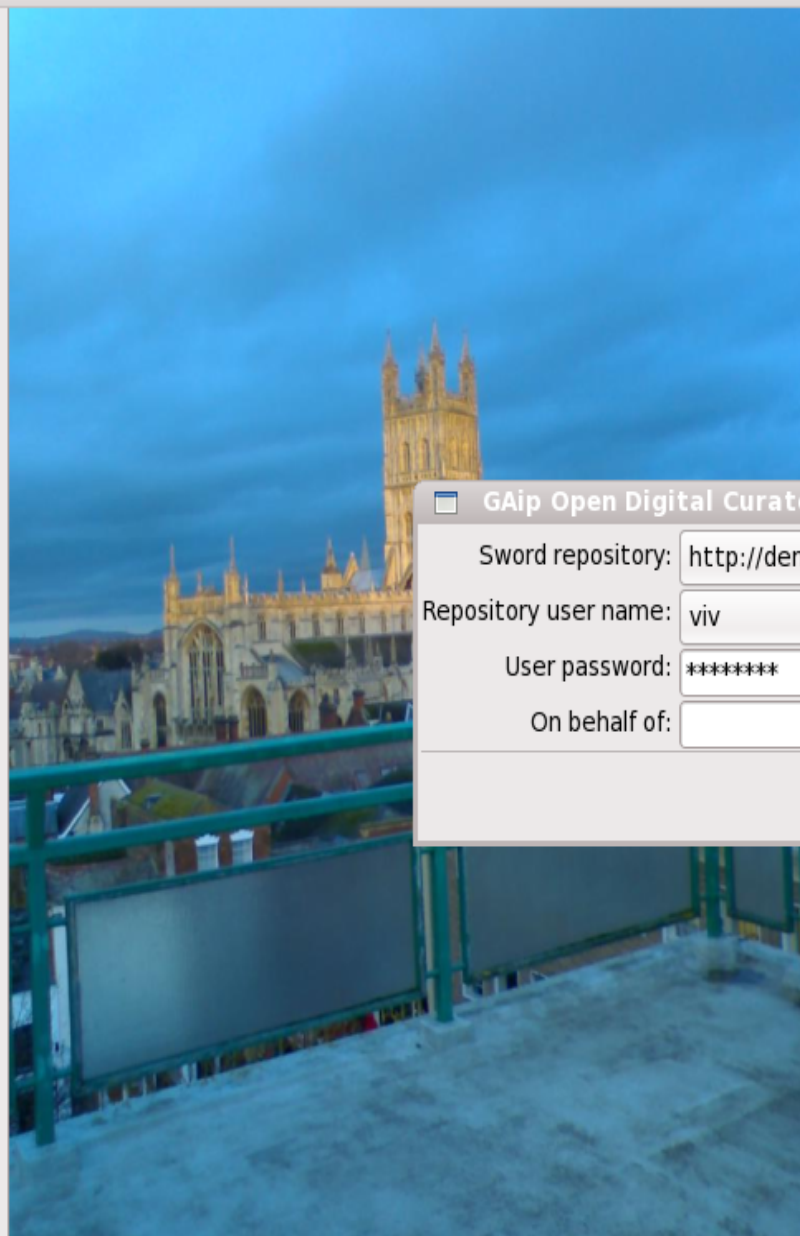
Description:

Label:

/home/cymal/Pictures/jayne/Photo12091545.jpg

Cancel

OK



Title:

Local identifier:

Subject:

Rights:

Owner:

Creator:

Create year:

Marked\*:

Metadata date\*:

Digital object id\*:

Usage terms\*:

Web statement\*:

Rating:

Advisory:

Contributor:

Coverage:

Description:

Label:

☐ GAip Open Digital Curator: choose where to deposit ingest package file(s) ✕

Sword repository:  ▼

Repository user name:  ▼

User password:

On behalf of:

✕ Cancel ✓ Apply

/home/cymal/Pictures/jayne/Photo12091545.jpg

✕ Cancel

↩ OK

# GAip: Gloucestershire Archives' open digital curator

## 2. Extrinsic metadata

Metadata Encoding and Transmission Standard  
METS

### Preferred metadata template

☐ set default template file

### Optional metadata elements

☐ always include optional metadata elements

### Metadata language element

choose default language value

### Ingest package options

☐ always include preservation format file

☒ always include METS file

### Production options

Document production format ☐ PDF/1a ☒ PNG

Image production format ☐ JPEG ☒ PNG ☐ TIFF

Set JPEG image production quality

Set PNG image production quality

Choose image footer colour

### SWORD parameters

add Sword collection  remove Sword collection

add Sword servicedocument  remove Sword servicedocument

add Sword user  remove Sword user



1249935147.gaip 4

200%

Icon View



1  
3 items



2  
3 items



3  
3 items



4  
3 items



manifest.sha1  
761 bytes



mets.xml  
517 bytes

6 items



```
</METS:xmlData>
</METS:mdWrap>
</METS:dmdSec>
- <METS:dmdSec ID="dmdSec3">
  - <METS:mdWrap>
    - <METS:xmlData>
      - <xmpRights:Certificate>
        http://www.gloucestershire.gov.uk/archives/certificate.pdf
      </xmpRights:Certificate>
      <dc:date>2009:00:00</dc:date>
      <dc:creator>Viv</dc:creator>
      <xmpMM:DerivedFromDocumentID>uuid:9AB5ED14DD93DE11A95CE8C128FD5A4C</xmpMM:DerivedFromDocumentID>
      <xmpMM:DocumentID>uuid:99B5ED14DD93DE11A95CE8C128FD5A4C</xmpMM:DocumentID>
      <xmpMM:InstanceID>uuid:9AB5ED14DD93DE11A95CE8C128FD5A4C</xmpMM:InstanceID>
      <dc:language> </dc:language>
    - <xmp:Identifier>
      Collection ref. This shows using a descriptive template
    </xmp:Identifier>
    <xmpRights:Marked>1</xmpRights:Marked>
    <xmp:MetadataDate>2009:08:30</xmp:MetadataDate>
    <xmpMM:OriginalDocumentID>uuid:9CF23B3D8A85DE11B5A5DF2BDCA14626</xmpMM:OriginalDocumentID>
    <xmpRights:Owner>Demonstration</xmpRights:Owner>
    <dc:rights>eg copyright</dc:rights>
    <dc:subject>Collection subject</dc:subject>
    <dc:title>QRI-16A test image</dc:title>
  - <xmpRights:UsageTerms>
    http://www.gloucestershire.gov.uk/archives/usageterms.pdf
  </xmpRights:UsageTerms>
  - <xmpRights:WebStatement>
    http://www.gloucestershire.gov.uk/archives/statement.pdf
  </xmpRights:WebStatement>
</METS:xmlData>
</METS:mdWrap>
</METS:dmdSec>
- <METS:dmdSec ID="dmdSec4">
```



# GAip: Gloucestershire Archives' open digital curator

## 3. Cymraeg – English

A		B
1	About GAip	Ynghylch GAip
2	Advisory	Ymgynghorol
3	Apply	Ceisio [neu gosod? Apply fel rhoi cais neu fel apply cha
4	As a file or repository deposit	Fel ffeil neu adnau i'r ystorfa
5	Cancel	Diddymu
6	Certificate	Tystysgrif
7	Close	Cau
8	Collections	Casgliadau
9	Contributor	Cyfrannwr
10	Coverage	Ymdriniaeth
11	Create year	Blwyddyn creu
12	Creator	Crëwr
13	Curated object	Gwrthrych a guradwyd
14	Deposit	Adnau
15	Deposit message digest	Crynhoad negeseuon adnau
16	Deposited curated object(s)	Gwrthrych(au) adnau a guradwyd
17	Derived from	Yn deillio o
18	Description	Disgrifiad
19	Digital object id	ID y gwrthrych digidol
20	Directory	Cyfeiriadur

Ffeil Offer Cymorth English

Agor... >

Cadw fel... > Cadw'r gwrthrych digidol newydd

Cau

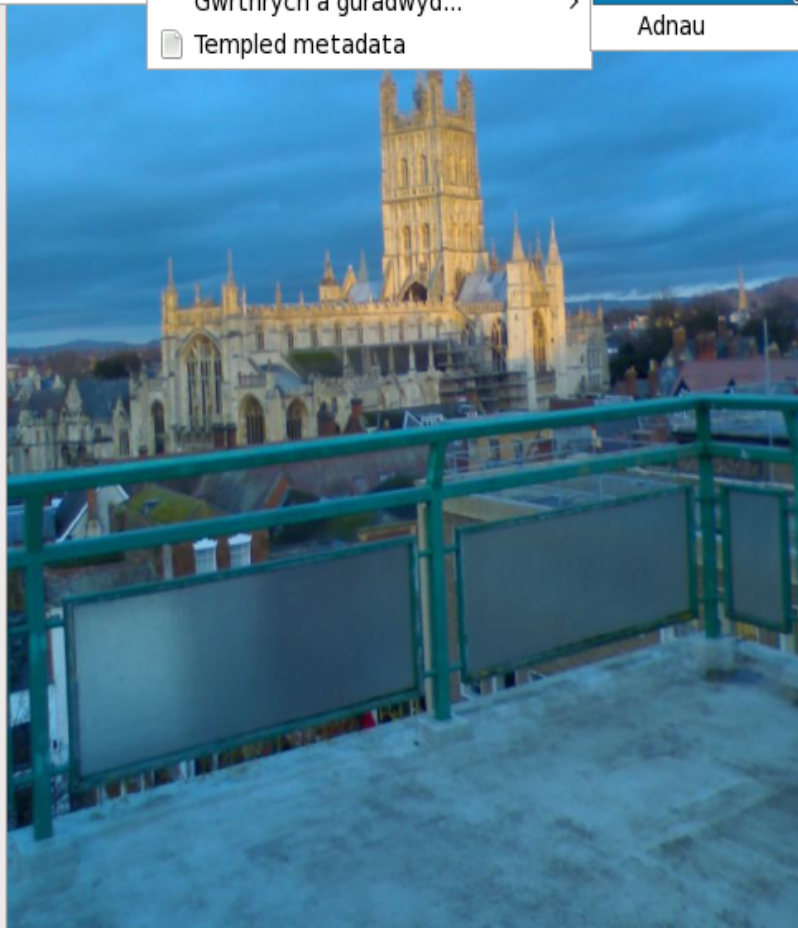
Gadael

Pecyn amlyncu... > Fel ffeil neu adnau i'r ystorfa

Gwrthrych cynhyrchu... >

Gwrthrych a guradwyd... > Ffeil

Templed metadata Adnau



Teitl:

Dynodwr lleol:

Pwnc:

Hawliau:

Perchennog:

Crëwr:

Blwyddyn creu:

Wedi ei farcio\*:

Dyddiad y metadata\*:

ID y gwrthrych digidol\*:

ID y fersiwn\*:

Yn deillio o\*:

ID gwreiddiol\*:

Tystysgrif\*:

Fformat\*:

Iaith\*:

Telerau defnydd\*:

Datganiad gwe\*:

Graddio:

Ymgynghorol:

Cyfrannwr:

Ymdriniaeth :

Disgrifiad:

Label:

/home/cymal/Pictures/jayne/Photo12091545.jpg

Diddymu

Iawn

# Exploring GAip as a potential digital preservation tool for archives in Wales

Thank you

Questions?

Credits: Sally McInnes and Glen Robson

