

Implementing “digital curation” in a local authority archive service

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Gloucestershire Archives' digital curation programme

- objectives
- scope
- constraints
- progress

Programme objectives

- advocacy
- demonstration
- practice based learning

Programme scope

- curation lifecycle
- geographically local
- technologically local
- support professionals
- provide workbench / toolkit

Programme constraints

- local
- small scale
- technologically poor
- no/low cost

Programme progress

- advocacy
- demonstration
- practice based learning

"Curation and Trust"

Object DROID JHOVE Metadata-extractor FITS XENA SWORD Curate Bagit GAip Trust Help

Source object (file, directory or device):

"Curation and Trust"

Object **DROID** JHOVE Metadata-extractor FITS XENA SWORD Curate BagIt GAip Trust Help

Digital Record Object Identification

DROID



DROID (Digital Record Object Identification)

File Edit Identify Tools Help



File list

Status

File

Add Files

Remove Files

Remove All

Identify

Cancel

Identification results

File

PUID	MIME	Format	Version	Status	Warning

Current signature file is V35

actory or device):

"Curation and Trust"

Object DROID JHOVE Metadata-extractor FITS XENA SWORD Curate Bagit GAip Trust Help

Curation tools

'antiword'

'convert'

'dd'

Message digests

DocumentConvertor

'exiftool'

'file'

'identify'

'tar'

'xmllint'

Source object (file, directory or device): /home/workshop/Desktop/Edge Anglican Parish P132 acc 11056/

"Curation and Trust"

Object DROID JHOVE Metadata-extractor FITS XENA SWORD Curate BagIt GAip Trust Help

Gloucestershire Archives ingest packager

GAip



Source object (file, directory or device): /home/workshop/Desktop/Edge Anglican parish P132 acc 11056.tar

Source file: /home/workshop/Desktop/Edge Anglican parish P132 acc 11056.tar

GAip action: create ingest package

Metadata template:



Open

Destination: /home/workshop/Desktop/



Save as



Deposit

Deposit

Reload metadata:



Refresh

Title: Edge parish PCC minutes 1998 to 2005

Local identifier: P132 acc 11056

Subject: PCC minutes

Rights: Copyright

Owner: Incumbent and PCC

Creator: PCC

Create year: 2005

Marked*: FALSE

Metadata date*: 2010:05:13

Digital object id*: urn:archives.gloucestershire.gov.uk:ee6a7ac35589f01998cbfba6e9ceb4c64a9ac6fb

Instance id*:

Derived from*:

Original id*:

Certificate*:

Creation date*:

Format*:

Language*:

Usage terms*:

Web statement*:

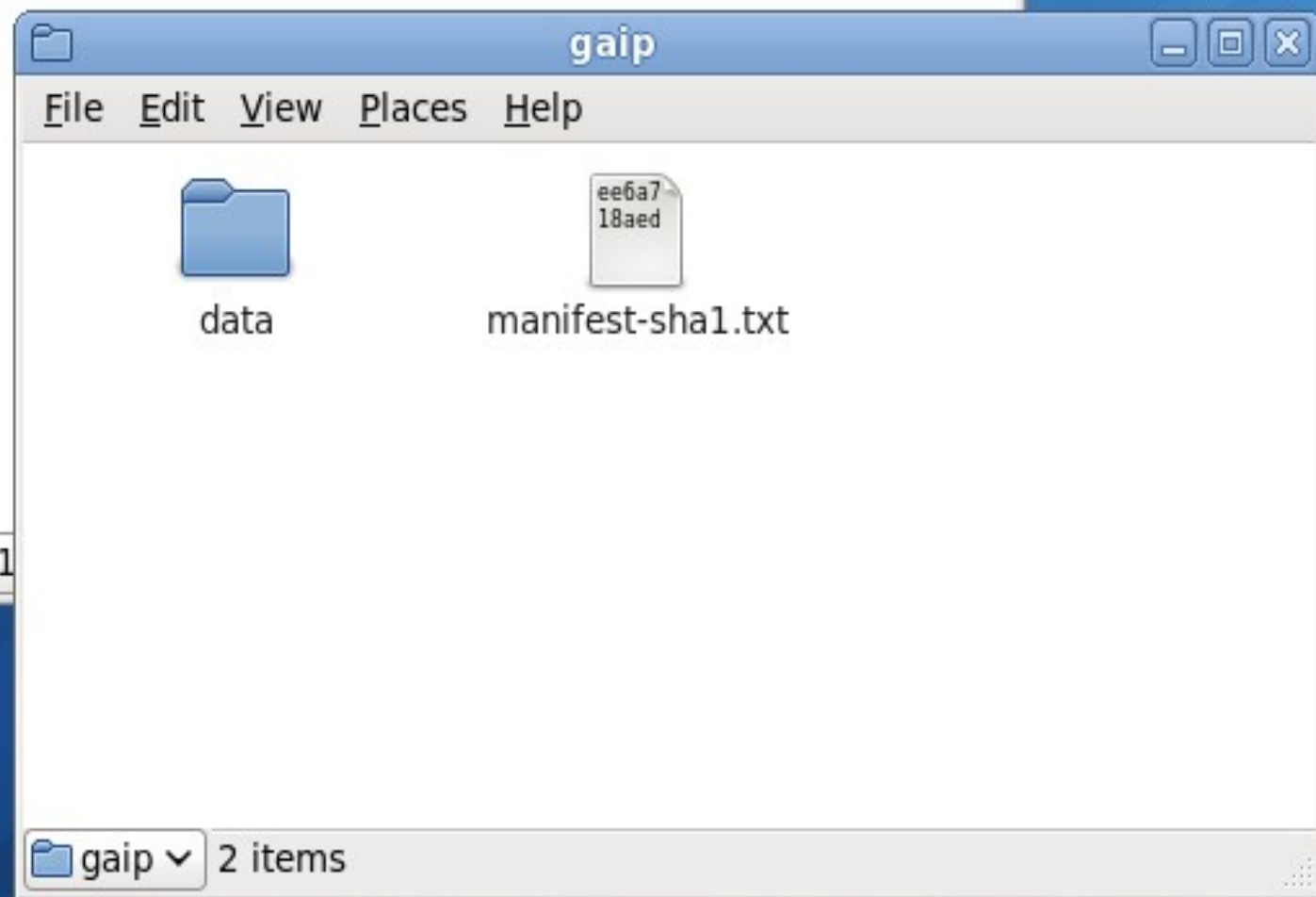
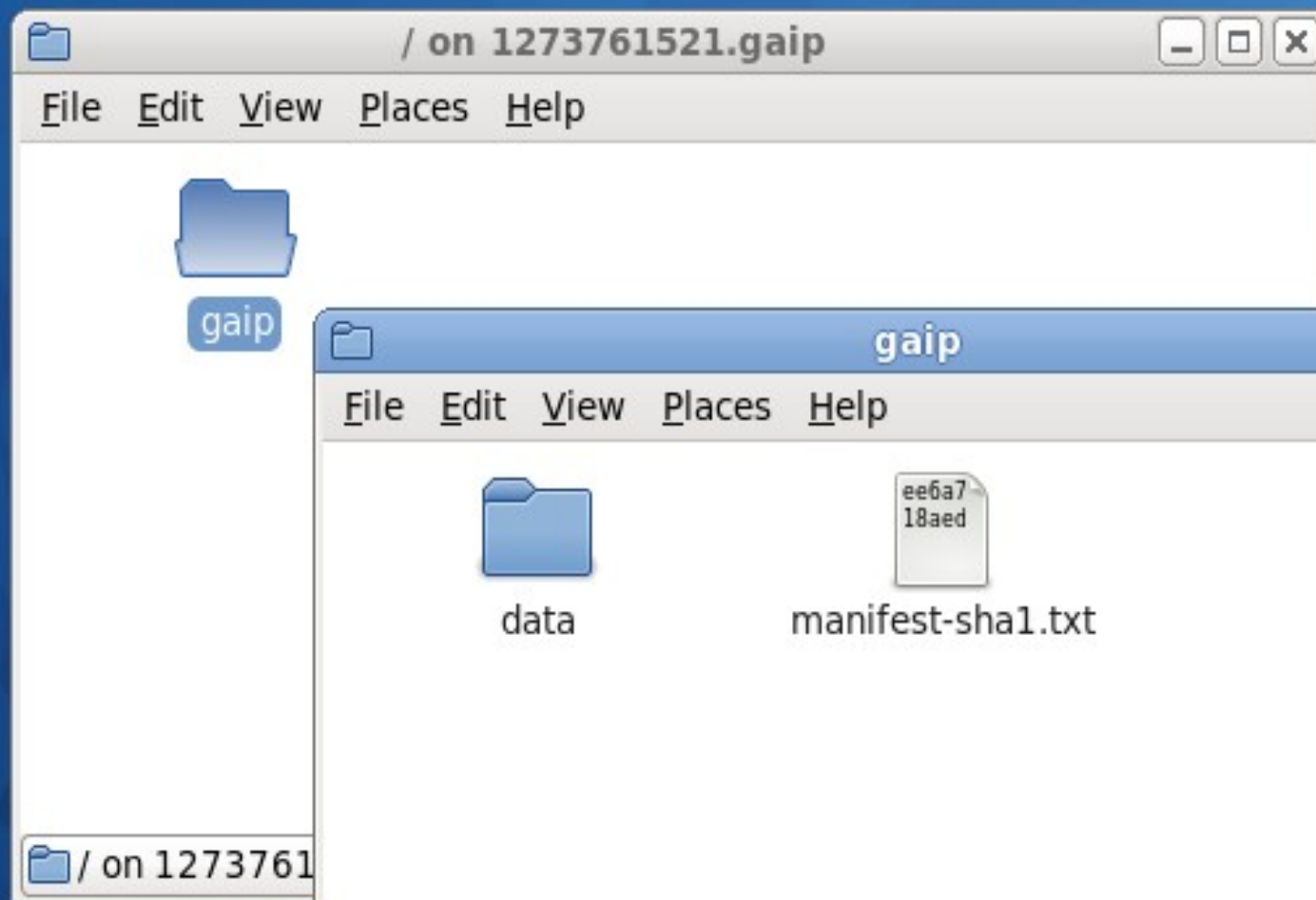
Advisory:

Cancel

Apply



1273761521.gaip



File Edit View Search Tools Documents Help



Open ▾



Save



Undo

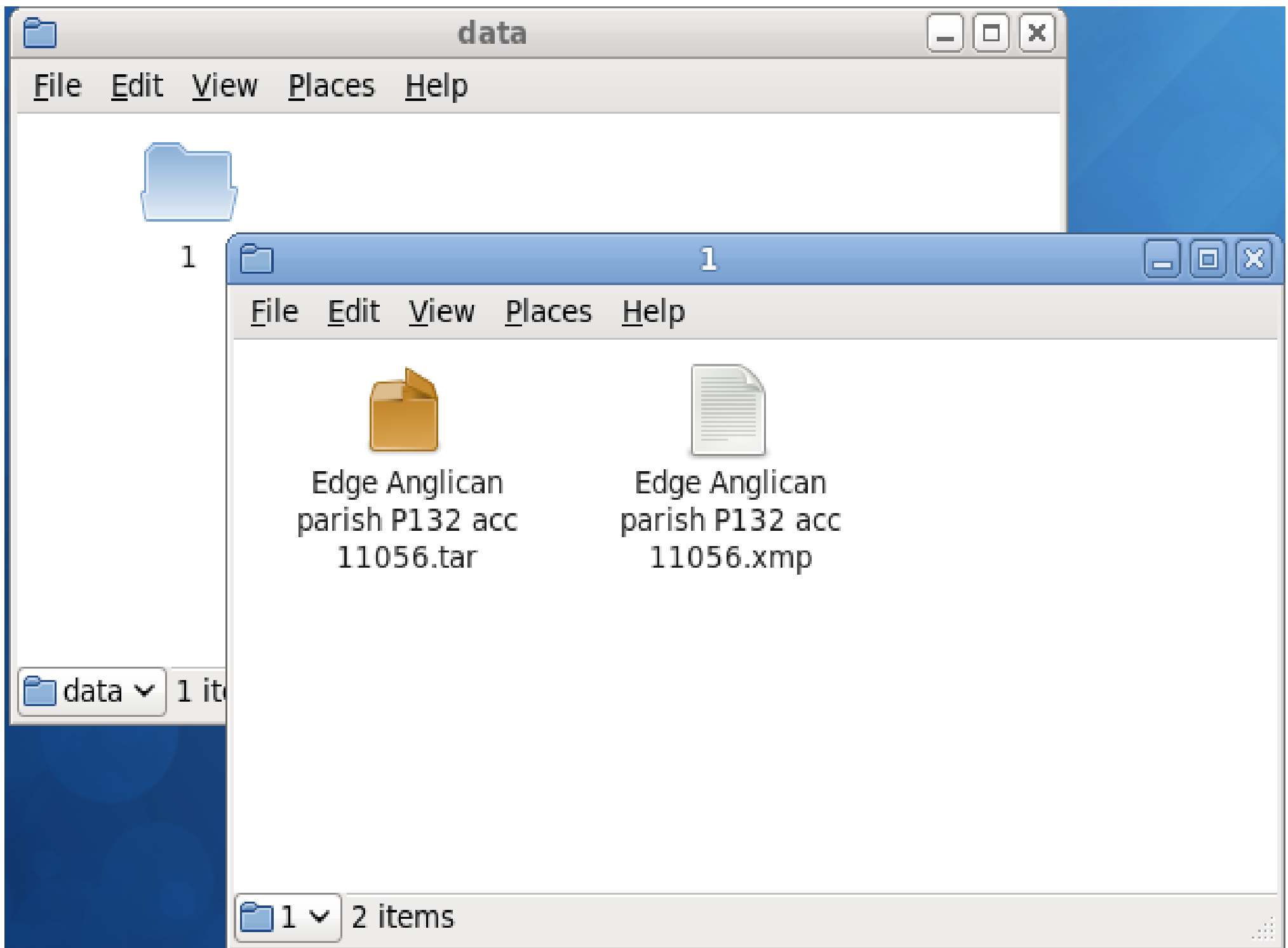


manifest-sha1.txt ✕

```
ee6a7ac35589f01998cbfba6e9ceb4c64a9ac6fb data/1/Edge Anglican parish P132 acc 11056.tar  
18aeda2afa8c7ef646e4c52633928a08e31cef0c data/1/Edge Anglican parish P132 acc 11056.xmp
```

Plain Text ▾ Tab Width: 8 ▾ Ln 1, Col 1

INS



```
-<rdf:RDF>
  -<rdf:Description rdf:about="">
    -<dc:creator>
      -<rdf:Seq>
        <rdf:li>PCC</rdf:li>
      </rdf:Seq>
    </dc:creator>
    -<dc:date>
      -<rdf:Seq>
        <rdf:li>2005</rdf:li>
      </rdf:Seq>
    </dc:date>
    -<dc:rights>
      -<rdf:Alt>
        <rdf:li xml:lang="x-default">Copyright</rdf:li>
      </rdf:Alt>
    </dc:rights>
    -<dc:subject>
      -<rdf:Bag>
        <rdf:li>PCC minutes</rdf:li>
      </rdf:Bag>
    </dc:subject>
    -<dc:title>
      -<rdf:Alt>
        <rdf:li xml:lang="x-default">Edge parish PCC minutes 1998 to 2005</rdf:li>
      </rdf:Alt>
    </dc:title>
  </rdf:Description>
  -<rdf:Description rdf:about="">
    -<xmp:Identifier>
      -<rdf:Bag>
        <rdf:li>P132 acc 11056</rdf:li>
      </rdf:Bag>
    </xmp:Identifier>
```

"Curation and Trust"

Object DROID JHOVE Metadata-extractor FITS XENA SWORD Curate BagIt GAip Trust Help

SCAT: BagIt

Options Tools Help

Source file: /home/workshop/Desktop/1273761521.gaip

BagIt action: verifyvalid

Bag-info.txt file:

 Open

Destination:



Save as



SWORD /s

Deposit

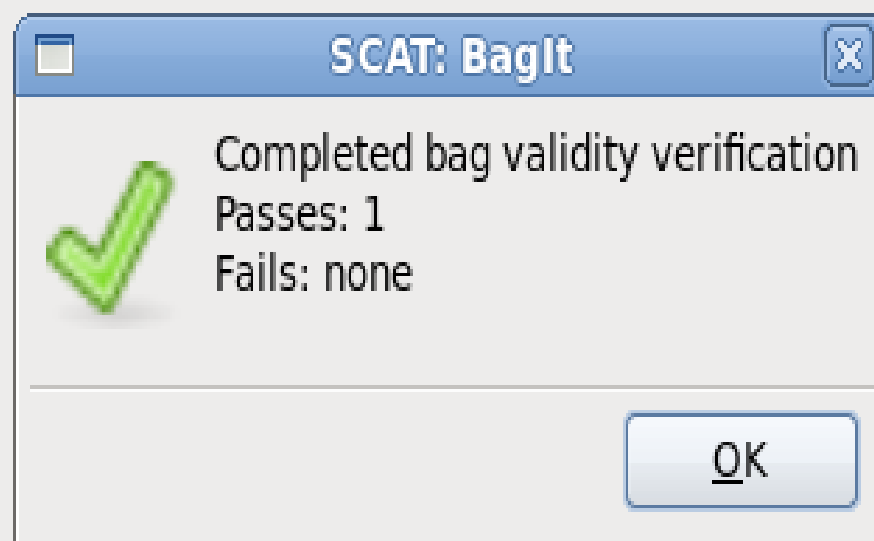
Cancel

Apply

Source object (file, directory or device): /home/workshop/Desktop/1273761521.gaip

"Curation and Trust"

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Source object (file, directory or device):

"Curation and Trust"



Object DROID JHOVE Metadata-extractor FITS XENA SWORD Curate Bagit GAip Trust Help

Trust tools

Deposit management

Fixity management

Trusted storage



Source object (file, directory or device): /home/workshop/Desktop/1273761521.gaip

"Curation and Trust"

Object DROID JHOVE Metadata-extractor FITS XENA SWORD Curate Bagit GAip Trust Help

SCAT: trusted storage deposit management

Options Tools

Source file: /home/workshop/Desktop/1273761521.gaip

Repository: trusted store demo

Repository user name: user1

Repository user password:

On behalf of user:

Local PREMIS identifier: gloucestershire.gov.uk/archives

Fixity file destination: /home/workshop/Desktop/fixity.xml



Save as

Cancel

Apply

Source object (file, directory or device): /home/workshop/Desktop/1273761521.gaip

FileEditViewHistoryBookmarksToolsHelp

←→↺ⓧ🏠📄

file:///home/workshop/Desktop/fixity.xml

☆▼🌐▼Google🔍

file:///home/wor...ktop/fixity.xml⊕▼

This XML file does not appear to have any style information associated with it. The document tree is shown below.

```

<!--
  File generated by /home/workshop/scat/alpha/20100511/bin/scat
-->
<!-- Thu May 13 16:49:14 2010 -->
<premis version="2.0" xsi:schemaLocation="info:lc/xmlns/premis-v2 http://www.loc.gov/standards/premis/premis.xsd">
  <object xsi:type="file">
    <objectIdentifier>
      <objectIdentifierType>gloucestershire.gov.uk/archives</objectIdentifierType>
      <objectIdentifierValue>1273761521.gaip</objectIdentifierValue>
    </objectIdentifier>
    <objectCharacteristics>
      <compositionLevel>0</compositionLevel>
      <fixity>
        <messageDigestAlgorithm>MD5</messageDigestAlgorithm>
        <messageDigest>bbc9a94f8b91feacfd0da89532d92717</messageDigest>
      </fixity>
      <format>
        <formatDesignation>
          <formatName/>
          <formatVersion/>
        </formatDesignation>
      </format>
    </objectCharacteristics>
  </object>
</premis>

```

Done

Trusted Storage example repository



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1273761521

UNSPECIFIED 1273761521. UNSPECIFIED.



[Archive \(TGZ\)](#)

497Kb

Item Type:	Other
ID Code:	33
Deposited By:	User1
Deposited On:	13 May 2010 16:49
Last Modified:	13 May 2010 16:49

Repository Staff Only: [item control page](#)

Acknowledgements

Society of Archivists

CyMAL:

Museums Archives and Libraries Wales

National Library of Wales

Thank you.

Questions?