

# 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](#) [EITS](#) [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  
factory 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):

# "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):

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 DepositReload 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.glocestershire.gov.uk:ee6a7ac35589f01998cbfba6e9ceb4c64a9ac6fb

Instance id\*:

Derived from\*:

Original id\*:

Certificate\*:

Creation date\*:

Format\*:

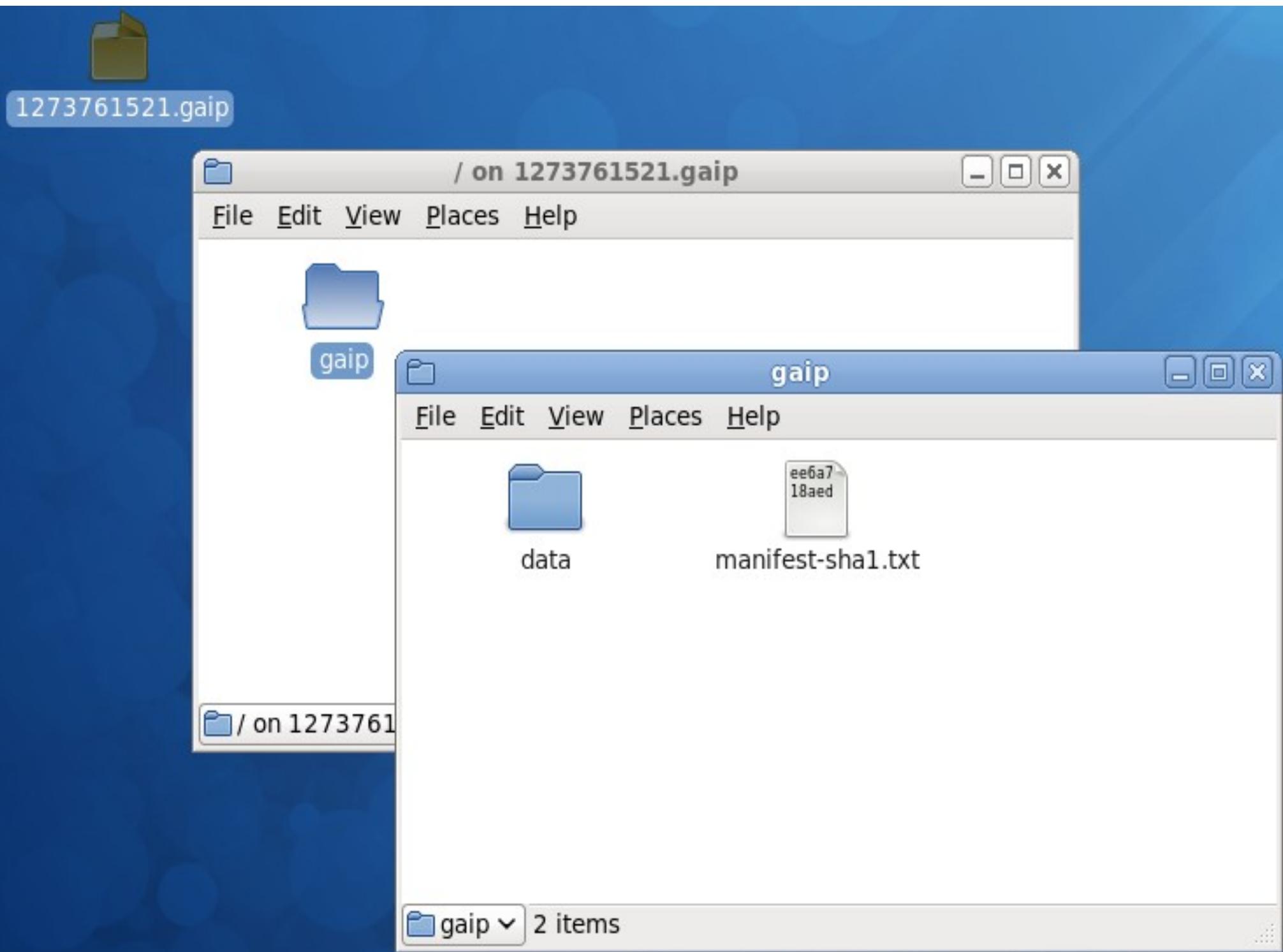
Language\*:

Usage terms\*:

Web statement\*:

Advisory:

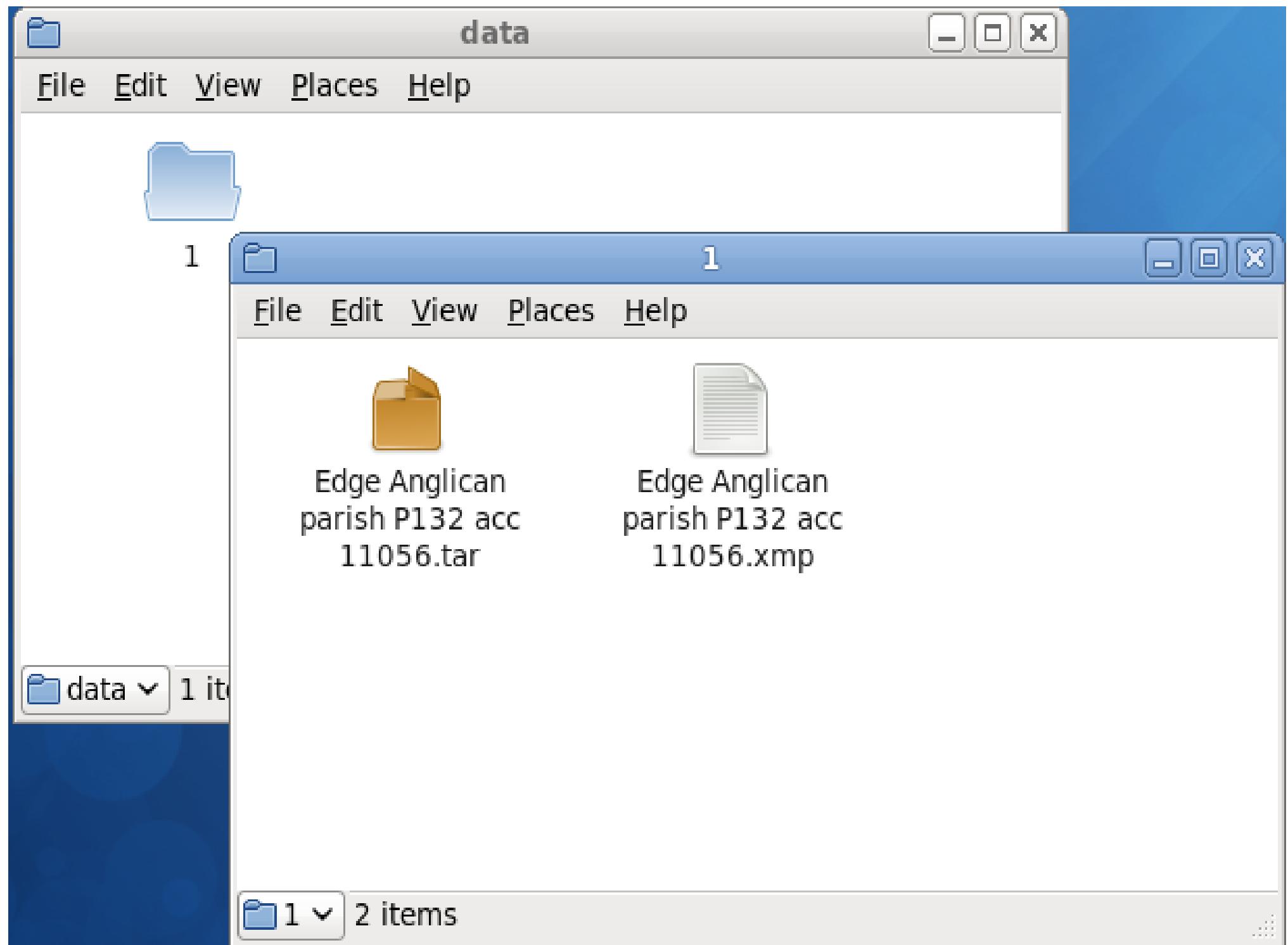
 Cancel Apply





manifest-sha1.txt X

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



file:///home/workshop/Desktop/Edge Anglican parish P132 acc 11056.xmp Google

file:///home/w...c%2011056.xmp +

```
--<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 EITS XENA SWORD Curate BagIt GAip Trust Help

SCAT: BagIt

Options Tools Help

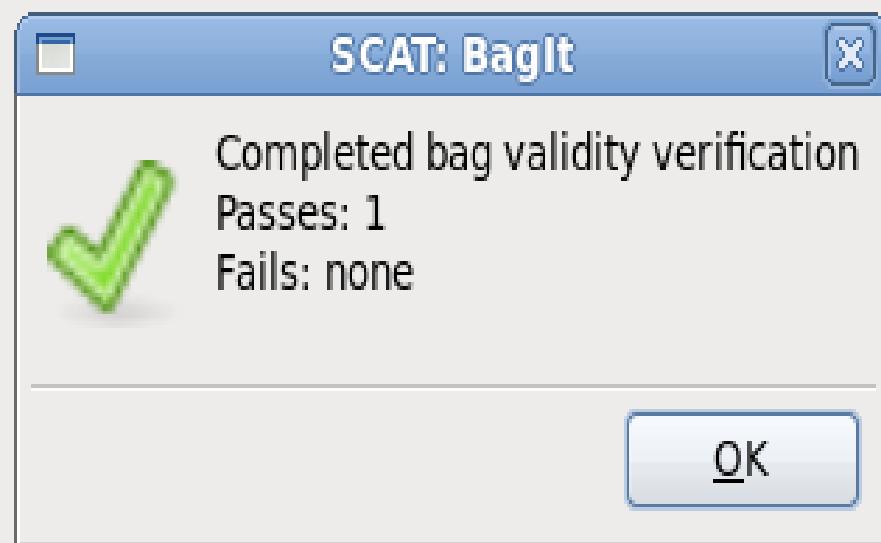
Source file: /home/workshop/Desktop/1273761521.gaip

BagIt action: verifyvalid

Bag-info.txt file:

Destination:

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



Source object (file, directory or device):

# "Curation and Trust"

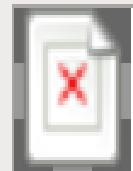
Object DROID JHOVE Metadata-extractor FITS XENA SWORD Curate BagIt GAip Trust Help

Trust tools

Deposit management

Fixity management

Trusted storage



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

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

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

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>
```

# 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?