

Xanadu EAD and Hypatia fixture objects

Incoming directory structure from SUL-brick:

- M1292 Xanadu/
 - Disk Image/
 - [CM01.dd](#)
 - [CM01.csv](#)
 - [CM01.txt](#)
 - [CM02.dd](#)
 - [CM02.csv](#)
 - [CM02.txt](#)
 - [CM03.dd](#)
 - EAD/
 - [M1292 Xanadu.xml](#)
 - Photo image of drives/
 - [CM01_1.JPG](#)
 - [CM01_2.JPG](#)
 - [CM02_1.JPG](#)
 - [CM02_2.JPG](#)
 - [CM03_1.JPG](#)
 - [CM03_2.JPG](#)

Note: For the Hypatia fixture, small binary files have been substituted for the very large original .dd files.

Digital files prepared from media in a collection (hard drives, diskettes, etc) have a common naming convention -- CM001, CM001, etc (CM=Computer Media). We will use the CMnn prefix as the node- or "item-" defining convention for this data. For processed collections that include individual files from these devices, the filename to media name relationships must be captured as part of processing. This files from the Disk image and Photo directories will be combined appropriately. The EAD will be mined for metadata, but as it describes the archival collection as a whole, it is not clear that it needs to be included in this effort. Thus the directory hierarchy created during digitization will not be retained.

This will net a DOR object hierarchy that looks like this:

(Note -- changes from original version are shown in **Green**). Summary of changes:

- A number of EAD fields were inadvertently mapped to abstract instead of to note. Only ead:abstract maps to mods:abstract.
- The collection label was shown as different from the title of the collection. This is possible (labeling Fedora objects is separate from titling the works contained), but they will likely be the same in Hypatia processing.
- controlAccess names were not originally mapped into <subjects>
- <subject> is now complete and properly expressed as repeated <subject> containers instead of one <subject> holding multiple <topic> references.
- dropped <location> URLs from contentMetadata as they are irrelevant for our purposes

Hierarchy	EAD reference	name/title	Fixture ID	objectType	notes /child objects
Stanford Digital Repository	n/a	Stanford Digital Repository			implied
- Organizational Unit	<repository> <corpname>	Stanford University. Department of Special Collections and University Archives			organizational objects not yet planned
- - Collection object	<archdesc level="collection"> <did> <unittitle>Keith Henson. ... <unitid>M1292	Keith Henson. Papers relating to Project Xanadu, XOC and Eric Drexler	hypatia:fixture_xanadu_collection	set	setType=collection hypatia:fixture_xanadu_ead -- M1292 Xanadu.xml (the EAD)
- - - Hard drives	<c id="..." level="file"> <did> <unittitle>	Born-Digital Materials	hypatia:fixture_xanadu_borndigital	set	setType=subset Not clear if such intermediate aggregations have useful meaning in the online arrangement of items.
- - - - Drive 1	<c id="..." level="item"> <did> <unittitle>CM01 <unitid>CM01	CM01	hypatia:fixture_xanadu_drive1	item	hypatia:fixture_xanadu_drive1.dd -- CM01.dd hypatia:fixture_xanadu_drive1.csv -- CM01.csv hypatia:fixture_xanadu_drive1.txt -- CM01.txt hypatia:fixture_xanadu_drive1.jpg1 -- CM01_01.JPG hypatia:fixture_xanadu_drive1.jpg2 -- CM01_02.JPG
- - - - Drive 2	<c id="..." level="item"> <did> <unittitle>CM02 <unitid>CM02	CM02	hypatia:fixture_xanadu_drive2	item	hypatia:fixture_xanadu_drive2.dd -- CM02.dd hypatia:fixture_xanadu_drive2.csv -- CM02.csv hypatia:fixture_xanadu_drive2.txt -- CM02.txt hypatia:fixture_xanadu_drive2.jpg1 -- CM02_1.JPG hypatia:fixture_xanadu_drive2.jpg2 -- CM02_2.JPG
- - - - Drive 3	<c id="..." level="item"> <did> <unittitle>CM03 <unitid>CM03	CM03	hypatia:fixture_xanadu_drive3	item	hypatia:fixture_xanadu_drive1.dd -- CM03.dd hypatia:fixture_xanadu_drive3.jpg1 -- CM03_1.JPG hypatia:fixture_xanadu_drive3.jpg2 -- CM03_2.JPG

The MODS descriptive metadata will be derived by parsing the EAD. The EAD will describe a collection object, and intermediate aggregations, and the individual item records under "Born-Digital Materials".

EAD	DOR / MODS
-----	------------

<pre> <?xml version="1.0" encoding="UTF-8" standalone="yes"?> <ead xsi:schemaLocation="urn:isbn:1-931666-22-9 http://www.loc.gov/ead/ead.xsd" xmlns:ns2=" http://www.w3.org/1999/xlink" xmlns="urn:isbn:1-931666-22-9" xmlns:xsi="http://www.w3.org/2001 /XMLSchema-instance"> <eadheader findaidstatus="In process" repositoryencoding="iso15511" countryencoding="iso3166-1" dateencoding="iso8601" langencoding="iso639-2b"> <eadid countrycode="US" mainagencycode="US-CSF">m1292.xml</eadid> <filedesc> <titlestmt> <titleproper>Guide to the Keith Henson's Papers relating to Project Xanadu, XOC, and Eric Drexler, <date calendar="gregorian" era="ce">1977-1997</date> <num>M1292</num> </titleproper> <author>Finding aid prepared by Processed by Special Collections staff.</author> </titlestmt> <publicationstmt> <publisher>Stanford University. Department of Special Collections and University Archives< /publisher> <address> <addressline>Stanford University Libraries</addressline> <addressline>557 Escondido Mall</addressline> <addressline>Stanford, California, 94305-6064</addressline> <addressline>Repository email: speccollref@stanford.edu</addressline> </address> <date>© 2002</date> </publicationstmt> </filedesc> <profiledesc> <creation>This finding aid was produced using the Archivists' Toolkit <date>2011-05-20T14:40-0700</date> </creation> <language>Finding aid is written in <language>English.</language></language> </profiledesc> </eadheader> </pre>	This part of the EAD is about the EAD itself, so does not contribute to the collection's descriptive metadata. Complete finding aid will be a content file associated with the collection object.
<pre> <archdesc level="collection"> <did> <unittitle>Keith Henson. Papers relating to Project Xanadu, XOC and Eric Drexler</unittitle> <unitid>M1292</unitid> <repository> <corpname>Stanford University. Department of Special Collections and University Archives< /corpname> </repository> <langmaterial> <language langcode="eng"/> </langmaterial> <physdesc> <extent>6.0 Linear feet</extent> </physdesc> <unitdate normal="1977/1997" type="inclusive">1977-1997</unitdate> <abstract id="ref1" label="Abstract">The collection includes files from XOC, VHS tapes, and Drexler drafts and galley proofs.</abstract> <origination label="creator"> <persname rules="aacr">Henson, Keith</persname> </origination> </did> <scopecontent id="ref13"> <head>Collection Scope and Content Summary</head> <p>The collection includes files from XOC, VHS tapes, and Drexler drafts and galley proofs.</p> </scopecontent> <bioghist id="ref11"> <head>Biography</head> <p>Keith Henson and his wife Arel Lucas founded XOC (Xanadu Operating Company).</p> </bioghist> <acqinfo id="ref9"> <head>Acquisition Information</head> <p>Gift of Arel Lucas, 2001 and 2002.</p> </acqinfo> <prefercite id="ref7"> <head>Preferred Citation</head> <p>Keith Henson's Papers relating to Project Xanadu, XOC, and Eric Drexler. M1292. Dept. of Special Collections, Stanford University Libraries, Stanford, Calif.</p> </prefercite> <userestrict id="ref5"> <head>Publication Rights</head> <p>Property rights reside with the repository. Literary rights reside with the creators of the documents or their heirs. To obtain permission to publish or reproduce, please contact the Public Services Librarian of the Dept. of Special Collections.</p> </userestrict> <accessrestrict id="ref3"> <head>Access</head> <p>The Media materials require at least two weeks advance notice to use in order to allow staff time to have use copies made from the original items.</p> </accessrestrict> <controlaccess> <persname rules="aacr" source="ingest">Drexler, K. Eric.</persname> <persname rules="aacr">Lucas, Arel</persname> <persname rules="aacr" source="ingest">Nelson, Theodor H.</persname> <corpname rules="dacs" source="ingest">Xanadu Operating Company (XOC)</corpname> <subject source="lcsb">Electronic publishing.</subject> <subject source="lcsb">Hypertext systems.</subject> <subject source="lcsb">Microcomputers--Programming.</subject> <subject source="lcsb">Nanotechnology.</subject> <subject source="lcsb">Self-publishing--Dataprocessing.</subject> <subject source="lcsb">Technological innovations.</subject> <genreform source="aat">Videorecordings.</genreform> <subject source="lcsb">Word processing.</subject> </controlaccess> </pre>	Set object for collection M1292 (hypatia:fixture_xanadu_collection) identityMetadata <pre> <identityMetadata> <objectid>hypatia:fixture_xanadu_collection</objectid> <objectType>set</objectType> <objectCreator>DOR</objectCreator> <setType>collection</setType> <sourceid source="hypatia">M1292</sourceid> <objectLabel>Keith Henson. Papers relating to Project Xanadu, XOC and Eric Drexler</objectLabel> <adminPolicy>hypatia:fixture_xanadu_apo</adminPolicy> <tag>Project : Xanadu</tag> <otherid name="uuid">a78e70c8-bb8b-f4e9-63ba-226f60a17c58</otherid> </identityMetadata> </pre> RELS-EXT <pre> <rdf:RDF xmlns:fedora-model="info:fedora/fedora-system:def/model#" xmlns:rdf="http://www.w3.org/1999/02/22- rdf-syntax-ns#" xmlns:rel="info:fedora/fedora-system:def/relations-external#" xmlns:hydra="http://projecthydra.org /ns/relations#" <rdf:Description rdf:about="info:fedora/hypatia:fixture_xanadu_collection"> <hydra:isGovernedBy rdf:resource="info:fedora/hypatia:fixture_xanadu_apo"/> </rdf:Description> </rdf:RDF> </pre> DC <pre> <dc:dc dc="dc" xmlns:dc="http://purl.org/dc/elements/1.1/" xmlns:oai_dc="http://www.openarchives.org/OAI/2.0 /oai_dc/" xmlns:sw_dc="info:sw/schema/1/dc-schema" xmlns:xsi="http://www.w3.org/2001/XMLSchema- instance" xsi:schemaLocation="http://www.openarchives.org/OAI/2.0/oai_dc/http://www.openarchives.org/OAI/2.0 /oai_dc.xsd"> <dc:title>Keith Henson. Papers relating to Project Xanadu, XOC and Eric Drexler</dc:title> <dc:creator>Henson, Kieth</dc:creator> <dc:identifier>uuid:a78e70c8-bb8b-f4e9-63ba-226f60a17c58</dc:identifier> <dc:identifier>hypatia:fixture_xanadu_collection</dc:identifier> <dc:identifier>hypatia:M1292</dc:identifier> </oai_dc:dc> </pre> descMetadata <pre> <mods:mods xmlns:mods="http://www.loc.gov/mods/v3" xmlns:xsi="http://www.w3.org/2001/XMLSchema- instance" version="3.3" xsi:schemaLocation="http://www.loc.gov/mods/v3 http://www.loc.gov/standards/mods/v3 /mods-3.3.xsd"> <mods:titleInfo> <mods:title>Keith Henson. Papers relating to Project Xanadu, XOC and Eric Drexler</mods:title> </mods:titleInfo> <mods:name type="personal"> <mods:namePart>Henson, Kieth</mods:namePart> <mods:role> <mods:roleTerm authority="marcrelator" type="text">creator</mods:roleTerm> </mods:role> </mods:name> <mods:name type="corporate"> <mods:namePart>Stanford University. Department of Special Collections and University Archives</mods: namePart> <mods:role> <mods:roleTerm authority="local" type="text">repository</mods:roleTerm> </mods:role> </mods:name> <mods:typeOfResource collection="yes"/> <mods:genre authority="aat">Videorecordings</mods:genre> <mods:originInfo> <mods:dateCreated>1977-1997</mods:dateCreated> </mods:originInfo> <mods:language> <mods:languageTerm authority="iso639-2b" type="code">eng</mods:languageTerm> </mods:language> <mods:physicalDescription> <mods:extent>6.0 Linear feet</mods:extent> </mods:physicalDescription> <mods:abstract>The collection includes files from XOC, VHS tapes, and Drexler drafts and galley proofs.< /mods:abstract> <mods:note displayLabel="Collection Scope and Content Summary">The collection includes files from XOC, VHS tapes, and Drexler drafts and galley proofs.</mods:note> <mods:note displayLabel="Biography">Keith Henson and his wife Arel Lucas founded XOC (Xanadu Operating Company).</mods:note> <mods:note displayLabel="Acquisition Information">Gift of Arel Lucas, 2001 and 2002.</mods:note> <mods:note displayLabel="Preferred Citation">Keith Henson's Papers relating to Project Xanadu, XOC, and Eric Drexler. M1292. Dept. of Special Collections, Stanford University Libraries, Stanford, Calif.</mods:note> <mods:subject authority="aacr"> </pre>

	<pre> <mods:name type="personal"> <mods:namePart>Drexler, K. Eric.</mods:namePart> </mods:name> <mods:name type="personal"> <mods:namePart>Lucas, Arel</mods:namePart> </mods:name> <mods:name type="personal"> <mods:namePart>Nelson, Theodor H.</mods:namePart> </mods:name> </mods:subject> <mods:subject authority="dacs"> <mods:name type="corporate"> <mods:namePart>Xanadu Operating Company (XOC)</mods:namePart> </mods:name> </mods:subject> <mods:subject authority="lcsb"> <mods:topic>Electronic publishing.</mods:topic> <mods:topic>Hypertext systems.</mods:topic> <mods:topic>Microcomputers--Programming.</mods:topic> <mods:topic>Nanotechnology.</mods:topic> <mods:topic>Self-publishing--Dataprocessing.</mods:topic> <mods:topic>Technological innovations.</mods:topic> <mods:topic>Word processing.</mods:topic> </mods:subject> <mods:accessCondition displayLabel="Publication Rights" type="useAndReproduction">Property rights reside with the repository. Literary rights reside with the creators of the documents or their heirs. To obtain permission to publish or reproduce, please contact the Public Services Librarian of the Dept. of Special Collections.</mods: accessCondition> <mods:accessCondition displayLabel="Access" type="restrictionOnAccess">The Media materials require at least two weeks advance notice to use in order to allow staff time to have use copies made from the original items.< /mods:accessCondition> <mods:identifier type="callnumber" displayLabel="Call No.">M1292</mods:identifier> </mods:mods> rightsMetadata <rightsMetadata> <access type="discover"> <machine> <world/> </machine> </access> <access type="read"> <machine> <world/> </machine> </access> </rightsMetadata> </pre>
<pre> <dsc> <c id="ref14" level="file"> <c id="ref17" level="otherlevel"> <c id="ref20" level="file"> <c id="ref23" level="file"> <c id="ref26" level="file"> <c id="ref29" level="file"> <c id="ref32" level="file"> <c id="ref37" level="file"> <c id="ref40" level="file"> <c id="ref43" level="file"> </pre>	Ignore all non "Born-Digital Materials" for now
<pre> <c id="ref48" level="file"> <did> <unittitle>Born-Digital Materials</unittitle> <physdesc> <extent>3.554 gigabytes</extent> </physdesc> </did> <scopecontent id="ref59"> <head>Scope and Contents</head> <p>Six hard drives were received with this collection. Forensic disk images were created in- house for hard drives CM01 and CM02. Hard drives CM03, CM04, CM05 and CM06 could not be imaged in-house due to electronic and mechanical problems. They were sent to Data Recovery Services Inc. for data extraction. The original hard drives are not available, however, the contents of the hard drives can be access at http: XXXXXX.</p> </scopecontent> </pre>	Set object for intermediate aggregation <pre> identityMetadata <identityMetadata> <objectCreator>dor</objectCreator> <objectLabel>Xanadu Born Digital Materials</objectLabel> <adminPolicy>hypatia:fixture_xanadu_apo</adminPolicy> <objectType>item</objectType> <tag>Project : Hypatia</tag> <otherId name="uuid">03e10362-7298-d71b-0700-abcd7dbf0216</otherId> <objectId>hypatia:fixture_xanadu_borndigital</objectId> </identityMetadata> RELS-EXT <rdf:RDF xmlns:fedora-model="info:fedora/fedora-system:def/model#" xmlns:rdf="http://www.w3.org/1999/02/22- rdf-syntax-ns#" xmlns:rel="info:fedora/fedora-system:def/relations-external#" xmlns:hydra="http://projecthydra.org /ns/relations#"> <rdf:Description rdf:about="info:fedora/hypatia:fixture_xanadu_borndigital"> <hydra:isGovernedBy rdf:resource="info:fedora/hypatia:fixture_xanadu_apo"/> <isMemberOf xmlns="info:fedora/fedora-system:def/relations-external#" rdf:resource="info:fedora/hypatia: fixture_xanadu_collection"/> </rdf:Description> </rdf:RDF> DC <oai_dc:dc xmlns:oai_dc="http://www.openarchives.org/OAI/2.0/oai_dc" xmlns:dc="http://purl.org/dc/elements/1. 1/" xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance" xsi:schemaLocation="http://www.openarchives.org /OAI/2.0/oai_dc/ http://www.openarchives.org/OAI/2.0/oai_dc.xsd"> <dc:title>Xanadu Born Digital Materials</dc:title> <dc:identifier>uuid:03e10362-7298-d71b-0700-abcd7dbf0216</dc:identifier> <dc:identifier>hypatia:fixture_xanadu_borndigital</dc:identifier> </oai_dc:dc> descMetadata <mods:mods xmlns:mods="http://www.loc.gov/mods/v3" xmlns:xsi="http://www.w3.org/2001/XMLSchema- instance" version="3.3" xsi:schemaLocation="http://www.loc.gov/mods/v3http://www.loc.gov/standards/mods/v3 /mods-3-3.xsd"> <mods:titleInfo> <mods:title>Born-Digital Materials</mods:title> </mods:titleInfo> <mods:physicalDescription> <mods:extent>3.554 gigabytes</mods:extent> </mods:physicalDescription> <mods:note displayLabel="Scope and Contents">Six hard drives were received with this collection. Forensic disk images were created in-house for hard drives CM01 and CM02. Hard drives CM03, CM04, CM05 and CM06 could not be imaged in-house due to electronic and mechanical problems. They were sent to Data Recovery Services Inc. for data extraction. The original hard drives are not available, however, the contents of the hard drives can be access at http: XXXXXX.</mods:note> </mods:mods> </pre>
	Item object for M1292_CM01 hypatia:fixture_xanadu_drive1) <pre> identityMetadata <identityMetadata> </pre>

```
<c id="ref50" level="item">
  <did>
    <unittitle>CM01</unittitle>
    <unitid>CM01</unitid>
    <container id="cid59523001" type="Carton" label="Computer disks / tapes">11<
/container>

    <physdesc>
      <extent>1.0 computer media</extent>
      <extent>hard drive</extent>
    </physdesc>
  </did>
  <processinfo id="ref55">
    <head>Processing Information note</head>
    <p>The capacity of CM01 is 2049 MB and CM01.dd is the image file created by
AccessData's FTK software. CM01.txt is the log for the imaging process; CM01.csv is the directory
listing of the files in the image; CM01_1.jpg and CM01_2.jpg are the photograph images of the drive.<
/p>

  </processinfo>
</c>
```

```
<objectid>hypatia:fixture_xanadu_drive1</objectid>
<objectType>item</objectType>
<objectLabel>Xanadu Hard Drive CM01</objectLabel>
<objectCreator>DOR</objectCreator>
<sourceId source="hypatia">M1292_CM01</sourceId>
<otherId name="uuid">c097de5b-bd21-b95e-944a-769bd46f1928</otherId>
<agreementId>hypatia:fixture_xanadu_apo</agreementId>
<tag>Project : Xanadu</tag>
</identityMetadata>
```

RELS-EXT

```
<rdf:RDF xmlns:fedora-model="info:fedora/fedora-system:def/model#" xmlns:rdf="http://www.w3.org/1999/02/22-
rdf-syntax-ns#" xmlns:rel="info:fedora/fedora-system:def/relations-external#" xmlns:hydra="http://projecthydra.org
/ns/relations#">
  <rdf:Description rdf:about="info:fedora/hypatia:fixture_xanadu_drive1">
    <hydra:isGovernedBy rdf:resource="info:fedora/hypatia:fixture_xanadu_apo"/>
    <isMemberOf xmlns="info:fedora/fedora-system:def/relations-external#" rdf:resource="info:fedora/hypatia:
fixture_xanadu_collection"/>
    <isMemberOf xmlns="info:fedora/fedora-system:def/relations-external#" rdf:resource="info:fedora/hypatia:
fixture_xanadu_borndigital"/>
  </rdf:Description>
</rdf:RDF>
```

DC

```
<oai_dc:dc xmlns:dc="http://purl.org/dc/elements/1.1/" xmlns:oai_dc="http://www.openarchives.org/OAI/2.0
/oai_dc/" xmlns:snw_dc="info:snw/schema/1/dc-schema" xmlns:xsi="http://www.w3.org/2001/XMLSchema-
instance" xsi:schemaLocation="http://www.openarchives.org/OAI/2.0/oai_dc/
http://www.openarchives.org/OAI/2.0/oai_dc.xsd">
  <dc:title>CM01</dc:title>
  <dc:creator>Henson, Kieth</dc:creator>
  <dc:identifier>uuid:04a3b09a-73ce-4fe0-97ee-991e7c3feb97</dc:identifier>
  <dc:identifier>hypatia:fixture_xanadu_drive1</dc:identifier>
  <dc:identifier>local:CM01</dc:identifier>
</oai_dc:dc>
```

descMetadata

```
<mods:mods xmlns:mods="http://www.loc.gov/mods/v3" xmlns:xsi="http://www.w3.org/2001/XMLSchema-
instance" version="3.3" xsi:schemaLocation="http://www.loc.gov/mods/v3http://www.loc.gov/standards/mods/v3
/mods-3-3.xsd">
  <mods:titleInfo>
    <mods:title>CM01</mods:title>
  </mods:titleInfo>
  <mods:physicalDescription>
    <mods:extent>1.0 computer media</mods:extent>
    <mods:extent>hard drive</mods:extent>
    <mods:digitalOrigin>born digital</mods:digitalOrigin>
  </mods:physicalDescription>
  <mods:note displayLabel="Located in">Born-Digital Materials - Carton 11 - Computer disks / tapes</mods:
note>
  <mods:note displayLabel="Processing Information note">The capacity of CM01 is 2049 MB and CM01.dd is
the image file created by AccessData's FTK software. CM01.txt is the log for the imaging process; CM01.csv is
the directory listing of the files in the image; CM01_1.jpg and CM01_2.jpg are the photograph images of the
drive.</mods:note>
  <mods:identifier type="local">CM01</mods:identifier>
</mods:mods>
```

rightsMetadata

```
<rightsMetadata>
  <copyright>
    <human type="copyright">This work is in the Public Domain.</human>
  </copyright>
  <access type="discover">
    <machine>
      <world/>
    </machine>
  </access>
  <access type="read">
    <machine>
      <world/>
    </machine>
  </access>
</rightsMetadata>
```

technicalMetadata

(none, unless we JHOVE validate or apply other tools to individual files and have output to save)

contentMetadata

```
<contentMetadata type="born-digital" objectid="hypatia:fixture_xanadu_drive1">
  <resource id="disk-image" type="disk-image" data="content" objectid="hypatia:fixture_xanadu_drive1.dd">
    <file id="CM01.dd" format="BINARY" mimetype="application/octet-stream" size="1408" preserve="yes"
shelve="yes" deliver="yes">
      <checksum type="md5">47282493ac19c0e42793c4e798b3f765</checksum>
      <checksum type="sha1">a8e508a2127c179767c1b5f4c91cb37067994027</checksum>
    </file>
  </resource>
  <resource id="photo-1" type="photo" data="metadata" objectid="hypatia:fixture_xanadu_drive1.jpg1">
    <file id="CM01_01.JPG" format="JPEG" mimetype="image/jpg" size="3187819" preserve="yes" shelve="
yes" deliver="yes">
      <checksum type="md5">e7668eb63307268678447d4b89cad2b4</checksum>
      <checksum type="sha1">a40051cba5b8c65dbcf926bad55bee4c17e2bdcf</checksum>
    </file>
  </resource>
  <resource id="photo-2" type="photo" data="metadata" objectid="hypatia:fixture_xanadu_drive1.jpg2">
    <file id="CM01_02.JPG" format="JPEG" mimetype="image/jpg" size="3452696" preserve="yes" shelve="
yes" deliver="yes">
      <checksum type="md5">b356217a3c41c7f686077809ed00c145</checksum>
      <checksum type="sha1">94ed57b0b6d390d53011637b2ce01b38553a99fa</checksum>
    </file>
  </resource>
  <resource id="analysis-text" type="analysis" data="metadata" objectid="hypatia:fixture_xanadu_drive1.txt">
    <file id="CM01.txt" format="TEXT" mimetype="text/plain" encoding="UTF-8" size="1250" preserve="yes"
shelve="yes" deliver="yes">
      <checksum type="md5">37cf7f100f80d4088ca011ad977a154b</checksum>
      <checksum type="sha1">a25bc23d85ac1d584bfdce4976149842e8280ad6</checksum>
    </file>
  </resource>
  <resource id="analysis-contents" type="analysis" data="metadata" objectid="hypatia:fixture_xanadu_drive1.
csv">
    <file id="CM01.csv" format="PDF" mimetype="text/csv" encoding="UTF-8" size="10750" preserve="yes"
shelve="yes" deliver="yes">
      <checksum type="md5">3600328998a00fbdefd5d10f72245a84</checksum>
      <checksum type="sha1">fd65587954b0cc6dcf159da52e745866eee43db1</checksum>
    </file>
  </resource>
</contentMetadata>
```

<pre> <c id="ref51" level="item"> <did> <unittitle>CM02</unittitle> <unitid>CM02</unitid> <container id="cid59523002" type="Carton" label="Computer disks / tapes">11< /container> <physdesc> <extent>1.0 computer media</extent> <extent>Hard drive</extent> </physdesc> </did> <processinfo id="ref56"> <head>Processing Information note</head> <p>The capacity of CM02 is 965 MB and CM02.dd is the image file created by AccessData's FTK software; CM021.csv is the directory listing of the files in the image; CM02.txt is the log for the imaging process. CM02_1.jpg and CM02_2.jpg are the photograph images of the drive.</p> </processinfo> </c> </pre>	Item object for M1292_CM02 (hypatia:fixture_xanadu_drive2) identityMetadata <pre> <identityMetadata> <objectid>hypatia:fixture_xanadu_drive2</objectid> <objectType>item</objectType> <objectLabel>Xanadu Hard Drive CM02</objectLabel> <objectCreator>DOR</objectCreator> <sourceId source="hypatia">M1292_CM02</sourceId> <otherId name="uuid">25d42791-cc45-53f3-3b29-1ba85600680a</otherId> <agreementId>hypatia:fixture_xanadu_apo</agreementId> <tag>Project : Xanadu</tag> </identityMetadata> </pre> RELS-EXT <pre> <rdf:RDF xmlns:fedora-model="info:fedora/fedora-system:def/model#" xmlns:rdf="http://www.w3.org/1999/02/22- rdf-syntax-ns#" xmlns:rel="info:fedora/fedora-system:def/relations-external#" xmlns:hydra="http://projecthydra.org /rels/relations#" <rdf:Description rdf:about="info:fedora/hypatia:fixture_xanadu_drive2"> <hydra:isGovernedBy rdf:resource="info:fedora/hypatia:fixture_xanadu_apo"> <isMemberOf xmlns="info:fedora/fedora-system:def/relations-external#" rdf:resource="info:fedora/hypatia: fixture_xanadu_collection"/> <isMemberOf xmlns="info:fedora/fedora-system:def/relations-external#" rdf:resource="info:fedora/hypatia: fixture_xanadu_bornDigital"/> </rdf:Description> </rdf:RDF> </pre> DC <pre> <oai_dc:dc xmlns:dc="http://purl.org/dc/elements/1.1/" xmlns:oai_dc="http://www.openarchives.org/OAI/2.0 /oai_dc/" xmlns:swr_dc="info:swr/schema/1/dc-schema" xmlns:xsi="http://www.w3.org/2001/XMLSchema- instance" xsi:schemaLocation="http://www.openarchives.org/OAI/2.0/oai_dc/http://www.openarchives.org/OAI/2.0 /oai_dc.xsd"> <dc:title>CM02</dc:title> <dc:creator>Henson, Kieth</dc:creator> <dc:identifier>uuid:25d42791-cc45-53f3-3b29-1ba85600680a</dc:identifier> <dc:identifier>hypatia:fixture_xanadu_drive2</dc:identifier> <dc:identifier>local:CM02</dc:identifier> </oai_dc:dc> </pre> descMetadata <pre> <mods:mods xmlns:mods="http://www.loc.gov/mods/v3" xmlns:xsi="http://www.w3.org/2001/XMLSchema- instance" version="3.3" xsi:schemaLocation="http://www.loc.gov/mods/v3http://www.loc.gov/standards/mods/v3 /mods-3-3.xsd"> <mods:titleInfo> <mods:title>CM02</mods:title> </mods:titleInfo> <mods:physicalDescription> <mods:extent>1.0 computer media</mods:extent> <mods:extent>hard drive</mods:extent> <mods:digitalOrigin>born digital</mods:digitalOrigin> </mods:physicalDescription> <mods:note displayLabel="Located in">Carton 11 - Computer disks / tapes</mods:note> <mods:note displayLabel="Processing Information note">The capacity of CM02 is 965 MB and CM02.dd is the image file created by AccessData's FTK software; CM021.csv is the directory listing of the files in the image; CM02.txt is the log for the imaging process. CM02_1.jpg and CM02_2.jpg are the photograph images of the drive.</mods:note> <mods:identifier type="local">CM02</mods:identifier> </mods:mods> </pre> rightsMetadata <pre> <rightsMetadata> <copyright> <human type="copyright">This work is in the Public Domain.</human> </copyright> <access type="discover"> <machine> <world/> </machine> </access> <access type="read"> <machine> <world/> </machine> </access> </rightsMetadata> </pre> technicalMetadata (none, unless we JHOVE validate or apply other tools to individual files and have output to save) contentMetadata <pre> <contentMetadata type="born-digital" objectid="hypatia:fixture_xanadu_drive2"> <resource id="disk-image" type="disk-image" data="content" objectid="hypatia:fixture_xanadu_drive2.dd"> <file id="CM02.dd" format="BINARY" mimeType="application/octet-stream" size="7720" preserve="yes" shelve="yes" deliver="yes"> <checksum type="md5">a4257865e1a816da0bea784911d9fe00</checksum> <checksum type="sha1">a8e508a2127c179767c1b5f4c91cb37067994027</checksum> </file> </resource> <resource id="photo-1" type="photo" data="metadata" objectid="hypatia:fixture_xanadu_drive2.jpg1"> <file id="CM02_01.JPG" format="JPEG" mimeType="image/jpg" size="3958697" preserve="yes" shelve=" yes" deliver="yes"> <checksum type="md5">e5f6bd0989c6a464c8c4b4d393c09c99</checksum> <checksum type="sha1">10343deb61f2047d8e535162665d4cf6e9a77cd4</checksum> </file> </resource> <resource id="photo-2" type="photo" data="metadata" objectid="hypatia:fixture_xanadu_drive2.jpg2"> <file id="CM02_02.JPG" format="JPEG" mimeType="image/jpg" size="3249254" preserve="yes" shelve=" yes" deliver="yes"> <checksum type="md5">038f707a457ba3d7659fe8dd69457948</checksum> <checksum type="sha1">0e12afca854f04bf73a1b6d585693c291bc930dc</checksum> </file> </resource> <resource id="analysis-text" type="analysis" data="metadata" objectid="hypatia:fixture_xanadu_drive2.txt"> <file id="CM02.txt" format="TEXT" mimeType="text/plain" encoding="UTF-8" size="1249" preserve="yes" shelve="yes" deliver="yes"> <checksum type="md5">fb1a633405f1c7058fe5da1a4b88e9d0</checksum> <checksum type="sha1">a25bc23d85ac1d584bfdce4976149842e8280ad6</checksum> </file> </resource> <resource id="analysis-contents" type="analysis" data="metadata" objectid="hypatia:fixture_xanadu_drive2. csv"> <file id="CM02.csv" format="PDF" mimeType="text/csv" encoding="UTF-8" size="574718" preserve="yes" shelve="yes" deliver="yes"> </pre>
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	<pre> <checksum type="md5">eaf4f117b078cd6b20e3ec4041f7c2ea</checksum> <checksum type="sha1">fd65587954b0cc6dcf159da52e745866eee43db1</checksum> </file> </resource> </contentMetadata> </pre>
<pre> <c id="ref52" level="item"> <did> <unittitle>CM03</unittitle> <unitid>CM03</unitid> <container id="cid59523003" type="Carton" label="Computer disks / tapes">11< </did> </c> </pre> /container> <pre> <processinfo id="ref57"> <head>Processing Information note</head> <p>The capacity of CM03 is 540MB and CM03.dd is the image of the drive. CM03_1.jpg and CM03_2.jpg are the photograph images of the drive. Imaging log and file listing are not deliverables from Data Recovery Services Inc.</p> </processinfo> </c> </c> </dsc> </archdesc> </ead> </pre>	Item object for M1292_CM03 (hypatia.fixture_xanadu_drive3) identityMetadata <pre> <identityMetadata> <objectid>hypatia.fixture_xanadu_drive3</objectid> <objectType>item</objectType> <objectLabel>Xanadu Hard Drive CM03</objectLabel> <objectCreator>DOR</objectCreator> <sourceId source="hypatia">M1292_CM03</sourceId> <otherId name="uuid">28f1913a-40e2-f6b3-5af6-8f038ec49cbf</otherId> <agreementId>hypatia.fixture_xanadu_apo</agreementId> <tag>Project : Xanadu</tag> </identityMetadata> </pre> RELS-EXT <pre> <rdf:RDF xmlns:fedora-model="info:fedora/fedora-system:def/model#" xmlns:rdf="http://www.w3.org/1999/02/22- rdf-syntax-ns#" xmlns:rel="info:fedora/fedora-system:def/relations-external#" xmlns:hydra="http://projecthydra.org /ns/relations#"> <rdf:Description rdf:about="info:fedora/hypatia.fixture_xanadu_drive3"> <hydra:isGovernedBy rdf:resource="info:fedora/hypatia.fixture_xanadu_apo"/> <isMemberOf xmlns="info:fedora/fedora-system:def/relations-external#" rdf:resource="info:fedora/hypatia: fixture_xanadu_collection"/> <isMemberOf xmlns="info:fedora/fedora-system:def/relations-external#" rdf:resource="info:fedora/hypatia: fixture_xanadu_born-digital"/> </rdf:Description> </rdf:RDF> </pre> DC <pre> <oai_dc:dc xmlns:dc="http://purl.org/dc/elements/1.1/" xmlns:oai_dc="http://www.openarchives.org/OAI/2.0 /oai_dc/" xmlns:swr_dc="info:swr/schema/1/dc-schema" xmlns:xsi="http://www.w3.org/2001/XMLSchema- instance" xsi:schemaLocation="http://www.openarchives.org/OAI/2.0/oai_dc/http://www.openarchives.org/OAI/2.0 /oai_dc.xsd"> <dc:title>CM03</dc:title> <dc:creator>Henson, Kieth</dc:creator> <dc:identifier>uuid:28f1913a-40e2-f6b3-5af6-8f038ec49cbf</dc:identifier> <dc:identifier>hypatia:fixture_xanadu_drive3</dc:identifier> <dc:identifier>local:CM03</dc:identifier> </oai_dc:dc> </pre> descMetadata <pre> <mods:mods xmlns:mods="http://www.loc.gov/mods/v3" xmlns:xsi="http://www.w3.org/2001/XMLSchema- instance" version="3.3" xsi:schemaLocation="http://www.loc.gov/mods/v3http://www.loc.gov/standards/mods/v3 /mods-3-3.xsd"> <mods:titleInfo> <mods:title>CM03</mods:title> </mods:titleInfo> <mods:physicalDescription> <mods:extent>1.0 computer media</mods:extent> <mods:extent>hard drive</mods:extent> <mods:digitalOrigin>born digital</mods:digitalOrigin> </mods:physicalDescription> <mods:note displayLabel="Located in">Carton 11 - Computer disks / tapes</mods:note> <mods:note displayLabel="Processing Information note">The capacity of CM03 is 540MB and CM03.dd is the image of the drive. CM03_1.jpg and CM03_2.jpg are the photograph images of the drive. Imaging log and file listing are not deliverables from Data Recovery Services Inc.</mods:note> <mods:identifier type="local">CM03</mods:identifier> </mods:mods> </pre> rightsMetadata <pre> <rightsMetadata> <copyright> <human type="copyright">This work is in the Public Domain.</human> </copyright> <access type="discover"> <machine> <world/> </machine> </access> <access type="read"> <machine> <world/> </machine> </access> </rightsMetadata> </pre> technicalMetadata (none, unless we JHOVE validate or apply other tools to individual files and have output to save) contentMetadata <pre> <contentMetadata type="born-digital" objectid="hypatia.fixture_xanadu_drive3"> <resource id="disk-image" type="disk-image" data="content" objectid="hypatia.fixture_xanadu_drive3.dd"> <file id="CM03.dd" format="BINARY" mimeType="application/octet-stream" size="1256" preserve="yes" shelve="yes" deliver="yes"> <checksum type="md5">44bfbcb8e63999cdc7982dd426a9ca546</checksum> <checksum type="sha1">cd8139a4aeefdcff45606cc44c495223c9b2c77</checksum> </file> </resource> <resource id="photo-1" type="photo" data="metadata" objectid="hypatia.fixture_xanadu_drive3.jpg1"> <file id="CM03_01.JPG" format="JPEG" mimeType="image/jpg" size="3792277" preserve="yes" shelve="yes" shelve="yes" deliver="yes"> <checksum type="md5">b415fe483c9b4fff45580920c70d89fc</checksum> <checksum type="sha1">7a4cc0840f989f99d0d99987f76f459d6d7b0c02</checksum> </file> </resource> <resource id="photo-2" type="photo" data="metadata" objectid="hypatia.fixture_xanadu_drive3.jpg2"> <file id="CM03_02.jpg" format="JPEG" mimeType="image/jpg" size="2731397" preserve="yes" shelve="yes" shelve="yes" deliver="yes"> <checksum type="md5">f52f6716b9f05c9367e5b7c659856afc</checksum> <checksum type="sha1">295c9a9e40105f22dff872ead7867c766c70ca76</checksum> </file> </resource> </contentMetadata> </pre>

EAD Child object:

DOR item object for "M1292 Xanadu.xml" (hypatia:fixture_xanadu_ead)	
identityMetadata <identityMetadata> <objectCreator>DOR</objectCreator> <objectLabel>Child of Xanadu Collection -- EAD</objectLabel> <objectType>child</objectType> <otherId name="uuid">72a36096-1dde-d87a-0951-7622190ecd30</otherId> <objectId>hypatia:fixture_xanadu_ead</objectId> </identityMetadata>	
RELS-EXT <rdf:RDF xmlns:fedora-model="info:fedora/fedora-system:def/model#" xmlns:rdf="http://www.w3.org/1999/02/22-rdf-syntax-ns#" xmlns:rel="info:fedora/fedora-system:def/relations-external#" xmlns:hydra="http://projecthydra.org/ns/relations#"> <rdf:Description rdf:about="info:fedora/hypatia:fixture_xanadu_ead"> <isPartOf xmlns="info:fedora/fedora-system:def/relations-external#" rdf:resource="info:fedora/hypatia:fixture_xanadu_collection"/> </rdf:Description> </rdf:RDF>	
DC <oai_dc:dc xmlns:dc="http://purl.org/dc/elements/1.1/" xmlns:oai_dc="http://www.openarchives.org/OAI/2.0/oai_dc" xmlns:swr_dc="info:swr/schema/1/dc-schema" xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance" xsi:schemaLocation="http://www.openarchives.org/OAI/2.0/oai_dc/http://www.openarchives.org/OAI/2.0/oai_dc.xsd"> <dc:title>Child of Xanadu Collection -- EAD</dc:title> <dc:identifier>uuid:72a36096-1dde-d87a-0951-7622190ecd30</dc:identifier> <dc:identifier>hypatia:fixture_xanadu_ead</dc:identifier> </oai_dc:dc>	
technicalMetadata <i>(none, unless we JHOVE validate or apply other tools to individual files and have output to save)</i>	
contentMetadata <contentMetadata objectId="hypatia:fixture_xanadu_ead"> <resource id="EAD" type="EAD" data="content"> <file id="M1292 Xanadu.XML" format="XML" mimeType="application/xml" dataType="EAD" size="14901" preserve="yes" shelve="no" deliver="no"> <checksum type="md5">fe598b24f59a34fcb0035d38182a41ba</checksum> <checksum type="sha1">df294aaace07a68c2ca47f73f1b58505daed2f05</checksum> </file> </resource> </contentMetadata>	

Sample child object:

DOR item object for M1972_CM01.dd (hypatia:fixture_xanadu_drive1.dd)	
identityMetadata <identityMetadata> <objectId>hypatia:fixture_xanadu_drive1.dd</objectId> <objectType>itemPart</objectType> <objectLabel>Child of hypatia:fixture_xanadu_drive1</objectLabel> <objectCreator>DOR</objectCreator> <otherId name="uuid">c097de5b-bd21-b95e-944a-769bd46f1928</otherId> </identityMetadata>	
RELS-EXT <rdf:RDF xmlns:fedora-model="info:fedora/fedora-system:def/model#" xmlns:rdf="http://www.w3.org/1999/02/22-rdf-syntax-ns#" xmlns:rel="info:fedora/fedora-system:def/relations-external#" xmlns:hydra="http://projecthydra.org/ns/relations#"> <rdf:Description rdf:about="info:fedora/hypatia:fixture_xanadu_drive1.dd"> <isPartOf xmlns="info:fedora/fedora-system:def/relations-external#" rdf:resource="info:fedora/hypatia:fixture_xanadu_drive1"/> </rdf:Description> </rdf:RDF>	
DC <oai_dc:dc xmlns:dc="http://purl.org/dc/elements/1.1/" xmlns:oai_dc="http://www.openarchives.org/OAI/2.0/oai_dc" xmlns:swr_dc="info:swr/schema/1/dc-schema" xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance" xsi:schemaLocation="http://www.openarchives.org/OAI/2.0/oai_dc/http://www.openarchives.org/OAI/2.0/oai_dc.xsd"> <dc:title>Child of hypatia:fixture_xanadu_drive1</dc:title> <dc:identifier>uuid:04a3b09a-73ce-4fe0-97ee-991e7c3feb97</dc:identifier> <dc:identifier>hypatia:fixture_xanadu_drive1.dd</dc:identifier> </oai_dc:dc>	
technicalMetadata <i>(none, unless we JHOVE validate or apply other tools to individual files and have output to save)</i>	
contentMetadata <contentMetadata type="born-digital" objectId="hypatia:fixture_xanadu_drive1.dd"> <resource id="disk-image" type="disk-image" data="content"> <file id="CM01.dd" format="BINARY" mimeType="application/octet-stream" size="1408" preserve="yes" shelve="yes" deliver="yes"> <checksum type="md5">47282493ac19c0e42793c4e798b3f765</checksum> <checksum type="sha1">a8e508a2127c179767c1b5f4c91cb37067994027</checksum> </file> </resource> </contentMetadata>	