

FOXML Ingest Example

Sample FOXML Ingest Encoding

```
<?xml version="1.0" encoding="UTF-8"?>
<!--
*****
****-->
<!-- FOXML 1.1 INGEST
EXAMPLE:
-->
<!-- This is an example of a FOXML object as it should be encoded for ingest in the repository. Note that
attributes -->
<!-- that are automatically assigned by the Fedora repository are omitted. Notable omissions are the created
and last -->
<!-- modified dates in the object properties, the created date, size, and versionable attributes on
datastreams. -->
<!--
*****
****-->
<!-- NOTE!! Please see the FOXML Reference Example object linked from the "Introduction to FOXML" document in
the -->
<!-- Fedora System Documentation. This will give an element-by-element explanation of a FOXML instance
document. -->
<!--
*****
****-->
<foxml:digitalObject xmlns:foxml="info:fedora/fedora-system:def/foxml#" VERSION="1.1" PID="demo:999"
xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
xsi:schemaLocation="info:fedora/fedora-system:def/foxml#
http://www.fedora.info/definitions/1/0/foxml1-1.xsd">

  <foxml:objectProperties>
    <foxml:property NAME="info:fedora/fedora-system:def/model#state" VALUE="A"/>
    <foxml:property NAME="info:fedora/fedora-system:def/model#label" VALUE="FOXML Reference Example"/>
  </foxml:objectProperties>
  <foxml:datastream ID="DC" STATE="A" CONTROL_GROUP="X">
    <foxml:datastreamVersion FORMAT_URI="http://www.openarchives.org/OAI/2.0/oai_dc/"
      ID="DC.0" MIMETYPE="text/xml"
      LABEL="Dublin Core Record for this object">

      <foxml:xmlContent>
        <oai_dc:dc xmlns:oai_dc="http://www.openarchives.org/OAI/2.0/oai_dc/" xmlns:dc="http://purl.org/dc
/elements/1.1/">
          <dc:title>FOXML Reference Object</dc:title>
          <dc:creator>Sandy Payette</dc:creator>
          <dc:subject>Fedora documentation</dc:subject>
          <dc:description>
            FOXML showing how a digital object is encoded for persistent storage in a Fedora repository
          </dc:description>
          <dc:publisher>Cornell CIS</dc:publisher>
          <dc:identifier>demo:999</dc:identifier>
        </oai_dc:dc>
      </foxml:xmlContent>
    </foxml:datastreamVersion>
  </foxml:datastream>
  <foxml:datastream ID="RELS-EXT" CONTROL_GROUP="X">
    <foxml:datastreamVersion FORMAT_URI="info:fedora/fedora-system:FedoraRELSExt-1.0"
      ID="RELS-EXT.0" MIMETYPE="application/rdf+xml"
      LABEL="RDF Statements about this object">

      <foxml:xmlContent>
        <rdf:RDF xmlns:rdf="http://www.w3.org/1999/02/22-rdf-syntax-ns#"
          xmlns:rdfs="http://www.w3.org/2000/01/rdf-schema#"
          xmlns:fedora="info:fedora/fedora-system:def/relations-external#"
          xmlns:myns="http://www.nsdsl.org/ontologies/relationships#"
          xmlns:dc="http://purl.org/dc/elements/1.1/"
          xmlns:oai_dc="http://www.openarchives.org/OAI/2.0/oai_dc/">
          <rdf:Description rdf:about="info:fedora/demo:999">
            <!-- This object ("info:fedora/demo:999") is a member of Collection #1 (info:fedora/test:
collection1) -->
            <fedora:isMemberOfCollection rdf:resource="info:fedora/test:collection1"/>
          </rdf:Description>
        </foxml:xmlContent>
      </foxml:datastreamVersion>
    </foxml:datastream>
  </foxml:digitalObject>
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        <!-- ... and it is also a member of Collection #2 (info:fedora/test:collection2) -->
        <fedora:isMemberOfCollection rdf:resource="info:fedora/test:collection2"/>
        <!-- You can also make your own relationship assertions in your own namespace.-->
        <myns:isPartOf rdf:resource="info:fedora/mystuff:100"/>
    </rdf:Description>
</rdf:RDF>
</foxml:xmlContent>
</foxml:datastreamVersion>
</foxml:datastream>
<foxml:datastream CONTROL_GROUP="E" ID="IMAGE" STATE="A">
    <foxml:datastreamVersion ID="IMAGE.0" MIMETYPE="image/x-mrsid-image"
        LABEL="Image of Pavilion III, University of Virginia">
        <foxml:contentLocation REF="http://iris.lib.virginia.edu/mrsid/mrsid_images/iva/archerp01.sid" TYPE="URL"
/>
    </foxml:datastreamVersion>
</foxml:datastream>
<foxml:datastream CONTROL_GROUP="R" ID="DRAWING-BEST" STATE="A">
    <foxml:datastreamVersion ID="DRAWING-BEST.0" MIMETYPE="image/jpeg"
        LABEL="Architectural Drawing Pavilion III (veryhigh res)">
        <foxml:contentLocation REF="http://icarus.lib.virginia.edu/images/iva/archerd05high.jpg" TYPE="URL"/>
    </foxml:datastreamVersion>
</foxml:datastream>
<foxml:datastream CONTROL_GROUP="M" ID="DRAWING-BETTER" STATE="A">
    <foxml:datastreamVersion ID="DRAWING-BETTER.0" MIMETYPE="image/jpeg"
        LABEL="Architectural Drawing Pavilion III (med res)">
        <foxml:contentLocation REF="http://icarus.lib.virginia.edu/images/iva/archerd05medium1.jpg" TYPE="URL"/>
    </foxml:datastreamVersion>
</foxml:datastream>
<foxml:datastream CONTROL_GROUP="M" ID="DRAWING-ICON" STATE="A">
    <foxml:datastreamVersion ID="DRAWING-ICON.0" MIMETYPE="image/jpeg" LABEL="Architectural Drawing Pavilion
III">
        <foxml:contentLocation REF="http://icarus.lib.virginia.edu/images/iva/archerd05small.jpg" TYPE="URL"/>
    </foxml:datastreamVersion>
    <foxml:datastreamVersion ID="DRAWING-ICON.1" MIMETYPE="image/jpeg"
        LABEL="Architectural Drawing Pavilion III (thumbnail icon)" ALT_IDS="doi:10.1234
/123">
        <foxml:contentLocation REF="http://icarus.lib.virginia.edu/images/iva/archerd05small.jpg" TYPE="URL"/>
    </foxml:datastreamVersion>
</foxml:datastream>
<foxml:datastream ID="UVATECH" STATE="A" CONTROL_GROUP="X">
    <foxml:datastreamVersion ID="UVATECH.0" MIMETYPE="text/xml" FORMAT_URI="info:fedora/format:xml:uvalibadmin"
        LABEL="UVA Technical Metadata Record">
        <foxml:xmlContent>
            <uvalibadmin:admin xmlns:uvalibadmin="http://virginia.lib.edu/uvalibadmin:tech">
                <uvalibadmin:technical>
                    <uvalibadmin:format>image/jpeg</uvalibadmin:format>
                    <uvalibadmin:compression>LZW</uvalibadmin:compression>
                    <uvalibadmin:bitDepth BITS=""/>
                    <uvalibadmin:colorSpace/>
                    <uvalibadmin:colorProfile CPLOCAT="" CPFILE=""/>
                    <uvalibadmin:resolution>600</uvalibadmin:resolution>
                </uvalibadmin:technical>
            </uvalibadmin:admin>
        </foxml:xmlContent>
    </foxml:datastreamVersion>
</foxml:datastream>
</foxml:digitalObject>

```