
Configure Universal Viewer to download original file

- **Product:** Rosetta
 - **Product Version:** 6.1
-

Question

How do I enable the option to download the original file (high resolution), in addition to the rendered image in IIF Universal Viewer?

Resolution

To allow this option in Rosetta 6.1,

make sure that `mets2manifest.xsl` configuration file is configured properly.

If you customized the file before running the service pack installation, your changes will be kept so you will not have the new version automatically.

To edit it manually, go to

Rosetta Management > Deposits: Delivery XSL Files > `mets2manifest.xsl`

and edit it based on the new version of **`mets2manifest.xsl`** below.

Note

You can also find the new version of **`mets2manifest.xsl`** on the server under `/exlibris/dps/d4_1/system.dir/conf`

```
<?xml version="1.0" encoding="ISO-8859-1"?>
<xsl:stylesheet version="2.0"
  xmlns:xsl="http://www.w3.org/1999/XSL/Transform"
  xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
  xmlns:mets="http://www.loc.gov/METS/"
  xmlns:dc="http://purl.org/dc/elements/1.1/"
  xmlns:dcterms="http://purl.org/dc/terms/"
  xmlns:dnx="http://www.exlibrisgroup.com/dps/dnx">
```

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<xsl:output method="html" omit-xml-declaration="yes"/>
<xsl:param name="isDownloadFile" />
  <xsl:variable name="PID"
    select="/mets:mets/mets:amdSec[@ID=$IE_AMD_ID]/mets:techMD/mets:mdWrap/
mets:xmlData/dnx:dnx/
dnx:section[@id='internalIdentifier']/dnx:record[dnx:key[@id='internalIdentifierType']='PID']/dnx:
/>
  <xsl:variable name="CONTEXT">"@context" : "http://iiif.io/api/presentation/2/
context.json"</xsl:variable>
  <xsl:variable name="SERVICE_CONTEXT">"@context" : "http://iiif.io/api/image/2/
context.json"</xsl:variable>
  <xsl:variable name="ID">"@id" : "</xsl:variable>
  <xsl:variable name="TYPE">"@type" : "</xsl:variable>
  <xsl:variable name="ON">"on" : "</xsl:variable>
  <xsl:variable name="DELIVERY_BASE_URL">baseURLPlaceholderdelivery/</xsl:variable>
  <xsl:variable name="DOWNLOAD_FUNC">downloadFileFunc</xsl:variable>
  <xsl:variable
name="IMAGE_SERVER_BASE_URL">imageServerBaseURLPlaceholder</xsl:variable>
  <xsl:variable name="UI_CUSTOMIZATION">UIcustomizationIDplaceholder</xsl:variable>
  <xsl:variable name="URI_PREFIX">iiif/presentation/2.1/</xsl:variable>
  <xsl:variable name="IMAGE_SERVER_PREFIX">cantaloupe/iiif/2/</xsl:variable>
  <xsl:variable name="DVS">DVSplaceholder</xsl:variable>
  <xsl:variable name="OBJECT_TYPE_IE">IE</xsl:variable>
  <xsl:variable name="OBJECT_TYPE_REPRESENTATION">REP</xsl:variable>
  <xsl:variable name="OBJECT_TYPE_FILE">FILE</xsl:variable>
  <xsl:variable name="LABEL">"label" : "</xsl:variable>
  <xsl:variable name="VALUE">"value" : "</xsl:variable>
  <xsl:variable name="IE_AMD_ID">ie-amd</xsl:variable>
  <xsl:variable name="IE_DMD_ID">ie-dmd</xsl:variable>
  <xsl:variable name="DESCRIPTION">"description": "</xsl:variable>
  <xsl:variable name="ATTRIBUTION">"attribution": "</xsl:variable>
  <xsl:variable name="METADATA">"metadata": [</xsl:variable>
  <xsl:variable name="LOGO">"logo": "</xsl:variable>
  <xsl:variable name="LICENSE">"license": "</xsl:variable>
  <xsl:variable name="THUMBNAIL">"thumbnail": "</xsl:variable>
  <xsl:variable name="MOTIVATION">"motivation": "sc:painting",</xsl:variable>
  <xsl:variable name="VIEWING_DIRECTION">"viewingDirection": </xsl:variable>
  <xsl:variable name="VIEWING_HINT">"viewingHint": </xsl:variable>
  <xsl:variable name="WIDTH">"width": </xsl:variable>
  <xsl:variable name="HEIGHT">"height": </xsl:variable>
  <xsl:variable name="WIDTH_PLACE HOLDER">"widthPlaceholder</xsl:variable>
  <xsl:variable name="HEIGHT_PLACE HOLDER">"heightPlaceholder</xsl:variable>
  <xsl:variable name="INFO_JSON">/info.json</xsl:variable>
  <xsl:variable name="FILE_FORMAT">"format": "</xsl:variable>
  <xsl:variable name="PROFILE">"profile": "http://iiif.io/api/image/2/level1.json"
}</xsl:variable>

  <xsl:template match="/">
    {
      <xsl:call-template name="MANIFEST" />

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        <xsl:call-template name="SEQUENCES" />
        <xsl:call-template name="RANGES" />
    }
</xsl:template>

<xsl:template name="IE_PROPERTY">
    <xsl:param name="DC_FIELD_NAME" />
    <xsl:param name="DCTERMS_FIELD_NAME" />
    <xsl:choose>
        <xsl:when test="/mets:mets/mets:dmdSec[@ID=$IE_DMD_ID]/mets:mdWrap/
mets:xmlData/dc:record/*[name()=$DC_FIELD_NAME]">
            <xsl:value-of select="/mets:mets/
mets:dmdSec[@ID=$IE_DMD_ID]/mets:mdWrap/mets:xmlData/
dc:record/*[name()=$DC_FIELD_NAME]" />
        </xsl:when>
        <xsl:when test="(//mets:dmdSec[@ID=$IE_DMD_ID]/mets:mdWrap/
mets:xmlData/dc:record/*[name()=$DCTERMS_FIELD_NAME])[1]">
            <xsl:value-of
select="(//mets:dmdSec[@ID=$IE_DMD_ID]/mets:mdWrap/mets:xmlData/
dc:record/*[name()=$DCTERMS_FIELD_NAME])[1]" />
        </xsl:when>
        <xsl:otherwise></xsl:otherwise>
    </xsl:choose>
</xsl:template>

<xsl:template name="IE_METADATA">
    <xsl:for-each select="/mets:mets/mets:dmdSec[@ID=$IE_DMD_ID]/mets:mdWrap/
mets:xmlData/dc:record/dc:creator |
/mets:mets/mets:dmdSec[@ID=$IE_DMD_ID]/mets:mdWrap/
mets:xmlData/dc:record/dcterms:creator ">
        {<xsl:value-of select="$LABEL" />Author", <xsl:value-of
select="$VALUE" />
        <xsl:value-of select="." />"}
        <xsl:if test="position() != last() or count(//dc:subject) > 0 or
count(//dcterms:subject) > 0">, </xsl:if>
    </xsl:for-each>
    <xsl:for-each select="/mets:mets/mets:dmdSec[@ID=$IE_DMD_ID]/mets:mdWrap/
mets:xmlData/dc:record/dc:subject |
/mets:mets/mets:dmdSec[@ID=$IE_DMD_ID]/mets:mdWrap/
mets:xmlData/dc:record/dcterms:subject">
        {<xsl:value-of select="$LABEL" />Subject", <xsl:value-of
select="$VALUE" />
        <xsl:value-of select="." />"}
        <xsl:if test="position() != last()">, </xsl:if>
    </xsl:for-each>
    ]
</xsl:template>

<xsl:template name="MANIFEST">
    <xsl:value-of select="$CONTEXT" />,

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        <xsl:value-of select="$ID" /><xsl:value-of select="$DELIVERY_BASE_URL"
/><xsl:value-of select="$URI_PREFIX" /><xsl:value-of select="$PID" />/manifest",
        <xsl:value-of select="$TYPE" />sc:Manifest",
        <xsl:value-of select="$LABEL" />
        <xsl:call-template name="IE_PROPERTY">
            <xsl:with-param name="DC_FIELD_NAME" select="'dc:title'" />
            <xsl:with-param name="DCTERMS_FIELD_NAME" select="'dcterms:title'" />
        </xsl:call-template>,",
        <xsl:value-of select="$DESCRIPTION" />
        <xsl:call-template name="IE_PROPERTY">
            <xsl:with-param name="DC_FIELD_NAME" select="'dc:description'" />
            <xsl:with-param name="DCTERMS_FIELD_NAME"
select="'dcterms:description'" />
        </xsl:call-template>,",
        <xsl:value-of select="$ATTRIBUTION" />
        <xsl:call-template name="IE_PROPERTY">
            <xsl:with-param name="DC_FIELD_NAME" select="'dc:rights'" />
            <xsl:with-param name="DCTERMS_FIELD_NAME" select="'dcterms:rights'"
/>
        </xsl:call-template>,",
        <xsl:value-of select="$METADATA" />
        <xsl:call-template name="IE_METADATA" />,",

        <xsl:choose>
            <xsl:when
                test="/mets:mets/mets:amdSec[@ID='ie-amd']/mets:techMD[@ID='ie-
amd-tech']/mets:mdWrap/mets:xmlData/dnx:dnx/
dnx:section[@id='objectCharacteristics']/dnx:record/dnx:key[@id='owner']">
                <xsl:value-of select="$LOGO" /><xsl:value-of
select="$DELIVERY_BASE_URL" />images/<xsl:value-of select="$UI_CUSTOMIZATION" />/logo-
main.png",
                <xsl:value-of select="$LICENSE" /><xsl:value-of
select="$DELIVERY_BASE_URL" />general/termsofuse.jsp?dps_dvs=DV$placeholder",
            </xsl:when>
            <xsl:otherwise>
                <xsl:value-of select="$LOGO" /><xsl:value-of
select="$DELIVERY_BASE_URL" />images/1/logo-main.png",
                <xsl:value-of select="$LICENSE" /><xsl:value-of
select="$DELIVERY_BASE_URL" />general/termsofuse.jsp",
            </xsl:otherwise>
        </xsl:choose>

        <xsl:value-of select="$THUMBNAIL" /><xsl:value-of
select="$DELIVERY_BASE_URL" />DeliveryManagerServlet?dps_pid=<xsl:value-of
select="$PID" />&dps_func=thumbnail",
    </xsl:template>

    <xsl:template name="SEQUENCES">
        "sequences": [{
            <xsl:variable name="REP_ID">

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        <xsl:value-of select="/mets:mets/mets:fileSec/mets:fileGrp/@ID" />
    </xsl:variable>
    <xsl:variable name="HAS_PHYSICAL_SM" select="count(/mets:mets/
mets:structMap[@TYPE='PHYSICAL']) > 0" />
    <xsl:variable name="VIEWING_DIRECTION_VALUE">
        <xsl:choose>
            <xsl:when test="/mets:mets/mets:dmdSec[@ID='ie-
dmd']/mets:mdWrap/mets:xmlData/dc:record/dc:language='heb'">
                "right-to-left"
            </xsl:when>
            <xsl:when test="/mets:mets/mets:dmdSec[@ID='ie-
dmd']/mets:mdWrap/mets:xmlData/dc:record/dc:language='ara'">
                "right-to-left"
            </xsl:when>
            <xsl:when test="/mets:mets/mets:dmdSec[@ID='ie-
dmd']/mets:mdWrap/mets:xmlData/dc:record/dc:language='chi'">
                "top-to-bottom"
            </xsl:when>
            <xsl:otherwise>
                "left-to-right"
            </xsl:otherwise>
        </xsl:choose>
    </xsl:variable>
    <xsl:variable name="VIEWING_HINT_VALUE">
        <xsl:choose>
            <xsl:when
                test="/mets:mets/mets:amdSec[@ID='ie-
amd']/mets:techMD[@ID='ie-amd-tech']/mets:mdWrap/mets:xmlData/dnx:dnx/
dnx:section[@id='generalIECharacteristics']/dnx:record/
dnx:key[@id='IEEntityType']='Book'">
                "paged",
            </xsl:when>
            <xsl:otherwise>
                "individuals",
            </xsl:otherwise>
        </xsl:choose>
    </xsl:variable>
    <xsl:value-of select="$ID" /><xsl:value-of select="$DELIVERY_BASE_URL"
/><xsl:value-of select="$URI_PREFIX" /><xsl:value-of select="$PID"
/>/sequence/<xsl:value-of select="$REP_ID" /> ",
    <xsl:value-of select="$TYPE" /> sc:Sequence",
    <xsl:value-of select="$LABEL" />
    <xsl:choose>
        <xsl:when test="$HAS_PHYSICAL_SM = true()">
            <xsl:value-of select="/mets:mets/
mets:structMap[@TYPE='PHYSICAL']/mets:div/mets:div/@LABEL" /> ",
        </xsl:when>
        <xsl:otherwise>
            <xsl:value-of
                select="/mets:mets/mets:amdSec[@ID=concat ($REP_ID, '-

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amd')]/mets:techMD[@ID=concat($REP_ID,'-amd-tech')]/mets:mdWrap/mets:xmlData/dnx:dnx/
dnx:section[@id='generalRepCharacteristics']/dnx:record/dnx:key[@id='label']" />",
    </xsl:otherwise>
  </xsl:choose>
  <xsl:value-of select="$VIEWING_DIRECTION" /><xsl:value-of
select="$VIEWING_DIRECTION_VALUE" />,
  <xsl:value-of select="$VIEWING_HINT" /><xsl:value-of
select="$VIEWING_HINT_VALUE" />
  "canvases": [
  <xsl:choose>
    <xsl:when test="$HAS_PHYSICAL_SM = true()">
      <xsl:for-each
select="//mets:structMap[@TYPE='PHYSICAL']/mets:div/mets:div/mets:div[@TYPE='FILE']">
        {
          <xsl:variable name="FILEID" select="./mets:fptr/@FILEID"
/>
          <xsl:variable name="FILE_LABEL_LABEL"
select="/mets:mets/
mets:amdSec[@ID=concat($FILEID,'-amd')]/mets:techMD[@ID=concat($FILEID,'-amd-
tech')]/mets:mdWrap/mets:xmlData/dnx:dnx/
dnx:section[@id='generalFileCharacteristics']/dnx:record/dnx:key[@id='label']/text()"
/>
          <xsl:variable name="FILE_LABEL_NAME"
select="(./mets:mets/
mets:amdSec[@ID=concat($FILEID,'-amd')]/mets:techMD[@ID=concat($FILEID,'-amd-
tech')]/mets:mdWrap/mets:xmlData/dnx:dnx/
dnx:section[@id='generalFileCharacteristics']/dnx:record/
dnx:key[@id='fileOriginalName'])[1]/text()" />
          <xsl:variable name="FILE_SM_LABEL"
select="//mets:div/@LABEL[./mets:fptr/@FILEID=$FILEID]" />
          <xsl:call-template name="CANVAS">
            <xsl:with-param name="FILE_ID" select="$FILEID" />
            <xsl:with-param name="FILE_LABEL">
              <xsl:choose>
                <xsl:when test="$FILE_SM_LABEL">
                  <xsl:value-of
select="$FILE_SM_LABEL" />
                </xsl:when>
                <xsl:when test="$FILE_LABEL_LABEL">
                  <xsl:value-of
select="$FILE_LABEL_LABEL" />
                </xsl:when>
                <xsl:when test="$FILE_LABEL_NAME">
                  <xsl:value-of
select="$FILE_LABEL_NAME" />
                </xsl:when>
                <xsl:otherwise></xsl:otherwise>
              </xsl:choose>
            </xsl:with-param>
          </xsl:call-template>

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        </xsl:for-each>
    </xsl:when>
    <xsl:otherwise>
        <xsl:for-each select="//mets:fileGrp/mets:file">
            {
                <xsl:variable name="FILEID" select="./@ID" />
                <xsl:variable name="FILE_LABEL_LABEL"
                    select="/mets:mets/
mets:amdSec[@ID=concat ($FILEID, '-amd')]/mets:techMD[@ID=concat ($FILEID, '-amd-
tech')]/mets:mdWrap/mets:xmlData/dnx:dnx/
dnx:section[@id='generalFileCharacteristics']/dnx:record/dnx:key[@id='label']/text()"
/>

                    <xsl:variable name="FILE_LABEL_NAME"
                        select="( /mets:mets/
mets:amdSec[@ID=concat ($FILEID, '-amd')]/mets:techMD[@ID=concat ($FILEID, '-amd-
tech')]/mets:mdWrap/mets:xmlData/dnx:dnx/
dnx:section[@id='generalFileCharacteristics']/dnx:record/
dnx:key[@id='fileOriginalName'])[1]/text()" />

                        <xsl:call-template name="CANVAS">
                            <xsl:with-param name="FILE_ID" select="$FILEID" />
                            <xsl:with-param name="FILE_LABEL">
                                <xsl:choose>
                                    <xsl:when test="$FILE_LABEL_LABEL">
                                        <xsl:value-of
select="$FILE_LABEL_LABEL" />

                                        </xsl:when>
                                    <xsl:when test="$FILE_LABEL_NAME">
                                        <xsl:value-of
select="$FILE_LABEL_NAME" />

                                        </xsl:when>
                                    <xsl:otherwise></xsl:otherwise>
                                </xsl:choose>
                            </xsl:with-param>
                        </xsl:call-template>
                    </xsl:for-each>
                </xsl:otherwise>
            </xsl:choose>
        </xsl:template>

        <xsl:template name="CANVAS">
            <xsl:param name="FILE_ID" />
            <xsl:param name="FILE_LABEL" />
            <xsl:variable name="HEIGHT_VALUE"
                select="/mets:mets/mets:amdSec[@ID=concat ($FILE_ID, '-
amd')]/mets:techMD[@ID=concat ($FILE_ID, '-amd-tech')]/mets:mdWrap/mets:xmlData/dnx:dnx/
dnx:section/
dnx:record/dnx:key[@id='significantPropertiesType']='nisoImage.imageLength']/dnx:key[@id='signifi
/>

                <xsl:variable name="WIDTH_VALUE"
                    select="/mets:mets/mets:amdSec[@ID=concat ($FILE_ID, '-

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amd')]/mets:techMD[@ID=concat($FILE_ID,'-amd-tech')]/mets:mdWrap/mets:xmlData/dnx:dnx/
dnx:section/
dnx:record[dnx:key[@id='significantPropertiesType']='nisoImage.imageWidth']/dnx:key[@id='signifi
/>

    <xsl:variable name="FILE_EXTANSION"
        select="/mets:mets/mets:amdSec[@ID=concat($FILE_ID,'-
amd')]/mets:techMD[@ID=concat($FILE_ID,'-amd-tech')]/mets:mdWrap/mets:xmlData/dnx:dnx/
dnx:section[@id='generalFileCharacteristics']/dnx:record/dnx:key[@id='fileExtension']"
/>

    <xsl:variable name="FILE_FORMAT_VALUE"
        select="/mets:mets/mets:amdSec[@ID=concat($FILE_ID,'-
amd')]/mets:techMD[@ID=concat($FILE_ID,'-amd-tech')]/mets:mdWrap/mets:xmlData/dnx:dnx/
dnx:section[@id='generalFileCharacteristics']/dnx:record/dnx:key[@id='fileMIMETYPE']"
/>

        <xsl:variable name="FILE_SIZE_VALUE"
            select="/mets:mets/mets:amdSec[@ID=concat($FILE_ID,'-amd')]/mets:techMD[@ID=concat($FILE_ID,'-am
tech')]/mets:mdWrap/mets:xmlData/dnx:dnx/dnx:section[@id='generalFileCharacteristics']/dnx:reco
/>

            <xsl:value-of select="$CONTEXT" />,
            <xsl:value-of select="$ID" /><xsl:value-of select="$DELIVERY_BASE_URL"
/><xsl:value-of select="$URI_PREFIX" /><xsl:value-of select="$PID"
/>/canvas/<xsl:value-of select="$FILE_ID" />,"
            <xsl:value-of select="$TYPE" />sc:Canvas",
            <xsl:value-of select="$LABEL" /><xsl:value-of select="$FILE_LABEL" />,"
            <xsl:if test="$isDownloadFile = true()">
                "rendering": [{
                    <xsl:value-of select="$ID" /><xsl:value-of
select="$DELIVERY_BASE_URL" />DeliveryManagerServlet?dps_pid=<xsl:value-of
select="$FILE_ID" /><xsl:value-of select="$DOWNLOAD_FUNC" />,"
                    <xsl:value-of select="$FILE_FORMAT" /><xsl:value-of
select="$FILE_FORMAT_VALUE" />,"
                    <xsl:value-of select="$LABEL" />Original file - <xsl:value-of
select="format-number($FILE_SIZE_VALUE div 1024 div 1024,'###,###,##0.00')"/>MB"
                }],
            </xsl:if>
            <xsl:value-of select="$THUMBNAIL" /><xsl:value-of
select="$DELIVERY_BASE_URL" />DeliveryManagerServlet?dps_pid=<xsl:value-of
select="$FILE_ID" />&dp_func=thumbnail",
            <xsl:value-of select="$HEIGHT" />
<xsl:choose>
    <xsl:when test="$HEIGHT_VALUE">
        <xsl:value-of select="$HEIGHT_VALUE" />,"
    </xsl:when>
    <xsl:otherwise>
        <xsl:value-of select="$HEIGHT_PLACEHOLDER" /><xsl:value-of
select="$IMAGE_SERVER_BASE_URL" /><xsl:value-of select="$IMAGE_SERVER_PREFIX"
/><xsl:value-of select="$PID" />:<xsl:value-of select="$FILE_ID" />.<xsl:value-of
select="$FILE_EXTANSION" /><xsl:value-of select="$INFO_JSON" />,"

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        </xsl:otherwise>
</xsl:choose>

<xsl:value-of select="$WIDTH" />
<xsl:choose>
  <xsl:when test="$WIDTH_VALUE">
    <xsl:value-of select="$WIDTH_VALUE" />,
    </xsl:when>
    <xsl:otherwise>
      <xsl:value-of select="$WIDTH_PLACE HOLDER" /><xsl:value-of
select="$IMAGE_SERVER_BASE_URL" /><xsl:value-of select="$IMAGE_SERVER_PREFIX"
/><xsl:value-of select="$PID" />:<xsl:value-of select="$FILE_ID" />.<xsl:value-of
select="$FILE_EXTANSION" /><xsl:value-of select="$INFO_JSON" />,"
      </xsl:otherwise>
    </xsl:choose>
  </xsl:choose>
    "images": [{
      <xsl:value-of select="$CONTEXT" />,
      <xsl:value-of select="$ID" /><xsl:value-of select="$DELIVERY_BASE_URL"
/><xsl:value-of select="$URI_PREFIX" /><xsl:value-of select="$PID"
/>/annotation/<xsl:value-of select="$FILE_ID" />,"
      <xsl:value-of select="$TYPE" />oa:Annotation",
      <xsl:value-of select="$MOTIVATION" />
      "resource": {
        <xsl:value-of select="$ID" /><xsl:value-of select="$DELIVERY_BASE_URL"
/><xsl:value-of select="$URI_PREFIX" /><xsl:value-of select="$PID" />/res/<xsl:value-of
select="$FILE_ID" />.<xsl:value-of select="$FILE_EXTANSION" />,"
        <xsl:value-of select="$TYPE" />dctypes:Image",
        <xsl:value-of select="$FILE_FORMAT" /><xsl:value-of
select="$FILE_FORMAT_VALUE" />,"
        "service": {
          <xsl:value-of select="$SERVICE_CONTEXT" />,
          <xsl:value-of select="$ID" /><xsl:value-of select="$IMAGE_SERVER_BASE_URL"
/><xsl:value-of select="$IMAGE_SERVER_PREFIX" /><xsl:value-of select="$DVS"
/>:<xsl:value-of select="$FILE_ID" />.<xsl:value-of select="$FILE_EXTANSION" />,"
          <xsl:value-of select="$PROFILE" />,
          <xsl:value-of select="$HEIGHT" />
        </xsl:choose>
      <xsl:choose>
        <xsl:when test="$HEIGHT_VALUE">
          <xsl:value-of select="$HEIGHT_VALUE" />,
          </xsl:when>
          <xsl:otherwise>
            <xsl:value-of select="$HEIGHT_PLACE HOLDER" /><xsl:value-of
select="$IMAGE_SERVER_BASE_URL" /><xsl:value-of select="$IMAGE_SERVER_PREFIX"
/><xsl:value-of select="$PID" />:<xsl:value-of select="$FILE_ID" />.<xsl:value-of
select="$FILE_EXTANSION" /><xsl:value-of select="$INFO_JSON" />,"
            </xsl:otherwise>
          </xsl:choose>
        </xsl:choose>

<xsl:value-of select="$WIDTH" />
<xsl:choose>

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    <xsl:when test="$WIDTH_VALUE">
      <xsl:value-of select="$WIDTH_VALUE" />
    </xsl:when>
    <xsl:otherwise>
      <xsl:value-of select="$WIDTH_PLACE HOLDER" /><xsl:value-of
select="$IMAGE_SERVER_BASE_URL" /><xsl:value-of select="$IMAGE_SERVER_PREFIX"
/><xsl:value-of select="$PID" />:<xsl:value-of select="$FILE_ID" />.<xsl:value-of
select="$FILE_EXTANSION" /><xsl:value-of select="$INFO_JSON" />"
    </xsl:otherwise>
  </xsl:choose>
    },
    <xsl:value-of select="$ON" /><xsl:value-of select="$DELIVERY_BASE_URL"
/><xsl:value-of select="$URI_PREFIX" /><xsl:value-of select="$PID"
/>/canvas/<xsl:value-of select="$FILE_ID" />"
    }
  ]
}
<xsl:if test="position() != last()">,
</xsl:if>
</xsl:template>
<xsl:template name="RANGES">
  ]
}
],
"structures": [
  <xsl:for-each select="/mets:mets/mets:structMap[@TYPE='LOGICAL']/mets:div/
mets:div">
    <xsl:choose>
      <xsl:when test="not(./@TYPE='FILE')">
        <xsl:call-template name="RANGE">
          <xsl:with-param name="RANGE_ID" select="/mets:mets/
mets:fileSec/mets:fileGrp/@ID" />
        </xsl:call-template>
      </xsl:when>
      <xsl:otherwise>
        {<xsl:value-of select="$ID" /><xsl:value-of
select="$DELIVERY_BASE_URL" /><xsl:value-of select="$URI_PREFIX" /><xsl:value-of
select="$PID" />/canvas/<xsl:value-of select="./mets:fptr/@FILEID" />,"
          <xsl:value-of select="$TYPE" />sc:Canvas",
          <xsl:value-of select="$LABEL" /><xsl:value-of select="@LABEL" />"
        </xsl:otherwise>
      </xsl:choose>}
    <xsl:if test="position() != last()">, </xsl:if>
  </xsl:for-each>
]
</xsl:template>

<xsl:template name="RANGE">
  <xsl:param name="RANGE_ID" />
  {<xsl:value-of select="$ID" /><xsl:value-of select="$DELIVERY_BASE_URL"

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/><xsl:value-of select="$URI_PREFIX" /><xsl:value-of select="$PID" />/range/<xsl:value-
of select="$RANGE_ID" />",
  <xsl:value-of select="$TYPE" />sc:Range",
  <xsl:value-of select="$LABEL" /><xsl:value-of select="./@LABEL" />",
  <xsl:choose>
    <xsl:when test="./mets:div/@TYPE='FILE'">
      "canvases": [
        <xsl:for-each select="./mets:div">
          "<xsl:value-of select="$DELIVERY_BASE_URL" /><xsl:value-
of select="$URI_PREFIX" /><xsl:value-of select="$PID" />/canvas/<xsl:value-of
select="./mets:fptr/@FILEID" />"
          <xsl:if test="position() != last()">, </xsl:if>
        </xsl:for-each>
      ],
      "members": [
        <xsl:for-each select="./mets:div">
          {
            <xsl:value-of select="$ID" /><xsl:value-of
select="$DELIVERY_BASE_URL" /><xsl:value-of select="$URI_PREFIX" /><xsl:value-of
select="$PID" />/canvas/<xsl:value-of select="./mets:fptr/@FILEID" />",
            <xsl:value-of select="$TYPE" />sc:Canvas",
            <xsl:value-of select="$LABEL" /><xsl:value-of
select="@LABEL" />}
          <xsl:if test="position() != last()">, </xsl:if>
        </xsl:for-each>
      ]
    </xsl:when>
    <xsl:otherwise>
      "ranges": [
        <xsl:for-each select="./mets:div">
          "<xsl:value-of select="$DELIVERY_BASE_URL" /><xsl:value-of
select="$URI_PREFIX" /><xsl:value-of select="$PID" />/range/<xsl:value-of
select="concat($RANGE_ID, '-', position())" />"
          <xsl:if test="position() != last()">, </xsl:if>
        </xsl:for-each>
      ],
      "members": [
        <xsl:for-each select="./mets:div">
          {
            <xsl:value-of select="$ID" /><xsl:value-of
select="$DELIVERY_BASE_URL" /><xsl:value-of select="$URI_PREFIX" /><xsl:value-of
select="$PID" />/range/<xsl:value-of select="concat($RANGE_ID, '-', position())" />",
            <xsl:value-of select="$TYPE" />sc:Range",
            <xsl:value-of select="$LABEL" /><xsl:value-of
select="@LABEL" />}
          <xsl:if test="position() != last()">, </xsl:if>
        </xsl:for-each>
      ]
    </xsl:otherwise>
  </xsl:for-each select="./mets:div">
    } ,<xsl:call-template name="RANGE">

```

```
                <xsl:with-param name="RANGE_ID"
select="concat($RANGE_ID, '-',position())" />
                </xsl:call-template>
            </xsl:for-each>
        </xsl:otherwise>
    </xsl:choose>
</xsl:template>

</xsl:stylesheet>
```

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