

Add HTML5 pseudo streaming (Manakin)

Files:

- `[manakin-source]/themes/[theme-dir]/template.xsl` (The theme's stylesheet)
- `[manakin-source]/themes/dri2xhtml/DIM-Handler.xsl` (The theme's stylesheet)

Instructions:

***Caution:** This is really just a proof of concept for adding support for the HTML5 video tag to xmlui. It's based on the Classic XMLUI theme, so some things may be different for your application.

1. Add the OGV to the metadata registry using the instructions found here ---> [Add a new format to the bitstream registry](#)
2. Create an OGV video. If you have Firefox, you can use [Firefogg](#) to do it.
3. Upload your video to your DSpace install.
4. If you haven't already, you need to [Create a new theme](#) (or don't, if you don't want to).
5. To modify the header, locate the section of DIM-Handler.xsl that begins with

```
<xsl:template match="dim:dim" mode="itemSummaryView-DIM">
```

. Copy this section into your theme's local template.xsl and modify the XSLT as noted below.

6. Immediately following the line that reads

```
<table class="ds-includeSet-table">
```

add the following code:

```
<xsl:choose>
  <xsl:when test="ancestor::mets:METS/mets:fileSec/mets:fileGrp[@USE='CONTENT']/mets:file
[@MIMETYPE='video/ogg']">
    <tr class="ds-table-row odd">
      <td><span class="bold"><i18n:text>xmlui.dri2xhtml.METS-1.0.item-preview<
/i18n:text>:</span></td>
      <td>
        <xsl:attribute name="href"><xsl:value-of select="@OBJID"/></xsl:
attribute>
        <video>
          <xsl:attribute name="src">
            <xsl:value-of select="ancestor::mets:METS/mets:
fileSec/mets:fileGrp[@USE='CONTENT']/mets:file/mets:FLocat[@LOCTYPE='URL']/@xlink:href"/>
          </xsl:attribute>
          <xsl:attribute name="width">
            <xsl:value-of select="320" />
          </xsl:attribute>
          <xsl:attribute name="height">
            <xsl:value-of select="240" />
          </xsl:attribute>
          <xsl:attribute name="controls" />
          <xsl:attribute name="autobuffer" />
        </video>
      </td>
    </tr>
  </xsl:when>
  <xsl:otherwise>
  </xsl:otherwise>
</xsl:choose>
```

7. Of course, stop and start DSpace for good measure.
8. Visit the Item Summary View for the item you uploaded with a Firefox 3.5 or greater browser, and you should have pseudo-streaming enabled.