

Add HTML5 pseudo streaming (Manakin)

Files:

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

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

. Copy this section into your theme's local template.xml 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"><il8n:text>xmlui.dri2xhtml.METS-1.0.item-preview<
/il8n: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.