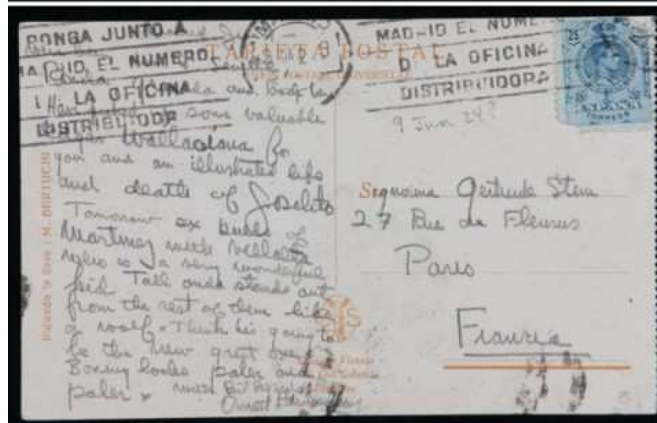# Exercise METS

#1 The Postcard

Information about the postcard

- Each side digitized as separate hi-res TIFF images along with derived PNG thumbnail images
- A TEI transcription of the text written on the back
- MODS descriptive metadata record for the postcard
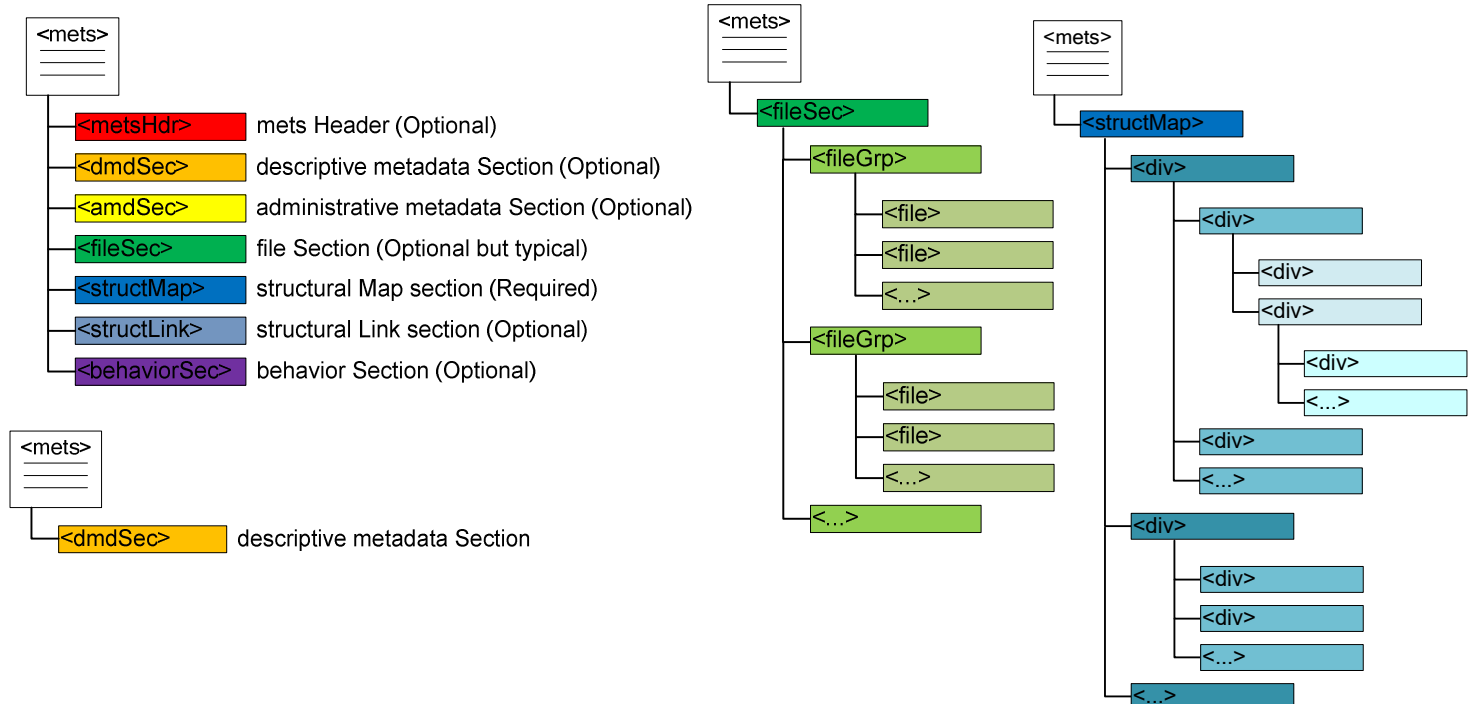- Basic technical metadata for all files is available: format, size, checksum

Folder and the files for the postcard: Postcard_Hemingway_001

- front.tif
- back.tif
- front.png
- back.png
- back.tei
- mods.xml

Elements to use

<metsHdr>	mets Header (Optional)
<dmdSec>	descriptive metadata Section (Optional)
<amdSec>	administrative metadata Section (Optional)
<fileSec>	file Section (Optional but typical)
<structMap>	structural Map section (Required)
<structLink>	structural Link section (Optional)
<behaviorSec>	behavior Section (Optional)

<dmdSec>	descriptive metadata Section

#1 My solution

#1 The Postcard, one solution

```xml
<?xml version="1.0" encoding="UTF-8"?>
<mets xmlns="http://www.loc.gov/METS/"
   xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
   xsi:schemaLocation="http://www.loc.gov/METS/ http://www.loc.gov/standards/mets/mets.xsd">
   <dmdSec ID="DMD1">
      <mdRef LOCTYPE="URL" MDTYPE="MODS" xmlns:xlink="http://www.w3.org/1999/xlink" xlink:type="simple"
xlink:href="mods.xml" CHECKSUM="1234567890ABCDEF" CHECKSUMTYPE="MD5" MIMETYPE="application/mods+xml"
SIZE="800"/>
   </dmdSec>
   <fileSec>
      <fileGrp USE="HIRES_IMAGES">
         <file ID="FRONT_TIFF" CHECKSUM="1234567890ABCDEF" CHECKSUMTYPE="MD5" MIMETYPE="image/tiff"
SIZE="123456">
            <FLocat LOCTYPE="URL" xmlns:xlink="http://www.w3.org/1999/xlink" xlink:type="simple" xlink:href="front.tif" />
         </file>
         <file ID="BACK_TIFF" CHECKSUM="1234567890ABCDEF" CHECKSUMTYPE="MD5" MIMETYPE="image/tiff"
SIZE="123456">
            <FLocat LOCTYPE="URL" xmlns:xlink="http://www.w3.org/1999/xlink" xlink:type="simple" xlink:href="back.tif"/>
         </file>
      </fileGrp>
      <fileGrp USE="LORES_IMAGES">
         <file ID="FRONT_PNG" CHECKSUM="1234567890ABCDEF" CHECKSUMTYPE="MD5" MIMETYPE="image/png"
SIZE="1234">
            <FLocat LOCTYPE="URL" xmlns:xlink="http://www.w3.org/1999/xlink" xlink:type="simple" xlink:href="front.png"/>
         </file>
         <file ID="BACK_PNG" CHECKSUM="1234567890ABCDEF" CHECKSUMTYPE="MD5" MIMETYPE="image/png" SIZE="1234">
            <FLocat LOCTYPE="URL" xmlns:xlink="http://www.w3.org/1999/xlink" xlink:type="simple" xlink:href="back.png"/>
         </file>
      </fileGrp>
      <fileGrp USE="TRANSCRIPTS">
         <file ID="BACK_TEI" CHECKSUM="1234567890ABCDEF" CHECKSUMTYPE="MD5" MIMETYPE="application/tei+xml"
SIZE="1234">
            <FLocat LOCTYPE="URL" xmlns:xlink="http://www.w3.org/1999/xlink" xlink:type="simple" xlink:href="back.tei"/>
         </file>
      </fileGrp>
   </fileSec>
   <structMap>
      <div LABEL="Postcard from Ernest Hemingway to Gertrude Stein" DMDID="DMD1">
         <div LABEL="Front of Postcard">
            <fptr FILEID="FRONT_TIFF"/>
            <fptr FILEID="FRONT_PNG"/>
         </div>
         <div LABEL="Back of Postcard">
            <fptr FILEID="BACK_TIFF"/>
            <fptr FILEID="BACK_PNG"/>
            <fptr FILEID="BACK_TEI"/>
         </div>
      </div>
   </structMap>
</mets>
```