

## Event Exercise Part 2: Normalization of PDF File in XML

Note that the ASCII file would have its own techMD section and event information.

```
<mets:amdSec ID="a1">
  <mets:techMD ID="object1">
    <mets:mdWrap MDTYPE="PREMIS">
      <mets:xmlData>
        <premis:object>
          <premis:objectIdentifier>
            <premis:objectIdentifierType>Local Repository </premis:objectIdentifierType>
            <premis:objectIdentifierValue>DOC001</premis:objectIdentifierValue>
          </premis:objectIdentifier>
          <premis:preservationLevel>bit-level </premis:preservationLevel>
          <premis:objectCategory>file</premis:objectCategory>
          <premis:objectCharacteristics>
            <premis:compositionLevel>0</premis:compositionLevel>
            <premis:fixity>
              <premis:messageDigestAlgorithm>SHA-1</premis:messageDigestAlgorithm>
              <premis:messageDigest>7c9b35da4f2ebd436f </premis:messageDigest>
              <premis:messageDigestOriginator>LocalDCMS</premis:messageDigestOriginator>
            </premis:fixity>
            <premis:size>209000</premis:size>
            <premis:format>
              <premis:formatDesignation>
                <premis:formatName>Adobe PDF</premis:formatName>
                <premis:formatVersion>1.2</premis:formatVersion>
              </premis:formatDesignation>
              <premis:formatRegistry>
                <premis:formatRegistryName>PRONOM</premis:formatRegistryName>
                <premis:formatRegistryKey>fmt/19</premis:formatRegistryKey>
```

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    <premis:formatRegistryRole>specification</premis:formatRegistryRole>
  </premis:formatRegistry>
</premis:format>
<premis:significantProperties>internal content only</premis:significantProperties>
<premis:inhibitors>
  <premis:inhibitorType>password protection</premis:inhibitorType>
  <premis:inhibitorTarget>all content</premis:inhibitorTarget>
  <premis:inhibitorKey> username: guest; password: guest </premis:inhibitorKey>
</premis:inhibitors>
</premis:objectCharacteristics>
<premis:creatingApplication>
  <premis:creatingApplicationName>Adobe Acrobat</premis:creatingApplicationName>
  <premis:creatingApplicationVersion>5.0</premis:creatingApplicationVersion>
  <premis:dateCreatedByApplication>2005-09</premis:dateCreatedByApplication>
</premis:creatingApplication>
<premis:originalName> dpctw05-01.pdf </premis:originalName>
<premis:storage>
  <premis:contentLocation>
    <premis:contentLocationType>file path</premis:contentLocationType>
    <premis:contentLocationValue>\\archiveserver1\\drive- d
      \\faculty\\DOC001.pdf </premis:contentLocationValue>
  </premis:contentLocation>
  <premis:storageMedium>hard disk</premis:storageMedium>
</premis:storage>
<premis:environment>
  <premis:environmentCharacteristic>recommended</premis:environmentCharacteristic>
  <premis:environmentPurpose>render</premis:environmentPurpose>
  <premis:software>
    <premis:swName>Adobe Reader</premis:swName>
    <premis:swVersion>6.0</premis:swVersion>
    <premis:swType>renderer</premis:swType>
  </premis:software>
</premis:hardware>

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    <premis:hwName>64 MB RAM</premis:hwName>
    <premis:hwType>memory</premis:hwType>
    <premis:hwOtherInformation>32 MB minimum</premis:hwOtherInformation>
  </premis:hardware>
</premis:environment>
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  <premis:relationshipType>structural</premis:relationshipType>
  <premis:relationshipSubType>is sibling </premis:relationshipSubType>
  <premis:relatedObjectIdentification>
    <premis:relatedObjectIdentifierType>Local Repository</premis:relatedObjectIdentifierType>
    <premis:relatedObjectIdentifierValue>DOC002</premis:relatedObjectIdentifierValue>
  </premis:relatedObjectIdentification>
</premis:relationship>
<premis:relationship>
  <premis:relationshipType>structural</premis:relationshipType>
  <premis:relationshipSubType> is part of </premis:relationshipSubType>
  <premis:relatedObjectIdentification>
    <premis:relatedObjectIdentifierType>LocalRepository</premis:relatedObjectIdentifierType>
    <premis:relatedObjectIdentifierValue>DOC003</premis:relatedObjectIdentifierValue>
  </premis:relatedObjectIdentification>
</premis:relationship>
<premis:relationship>
  <premis:relationshipType>derivation</premis:relationshipType>
  <premis:relationshipSubType>source of</premis:relationshipSubType>
  <premis:relatedObjectIdentification>
    <premis:relatedObjectIdentifierType>LocalRepository</premis:relatedObjectIdentifierType>
    <premis:relatedObjectIdentifierValue>DOC004</premis:relatedObjectIdentifierValue>
    <premis:relatedObjectSequence></premis:relatedObjectSequence>
  </premis:relatedObjectIdentification>
  <premis:relatedEventIdentification>
    <premis:relatedEventIdentifierType>LocalRepository</premis:relatedEventIdentifierType>
    <premis:relatedEventIdentifierValue>E002</premis:relatedEventIdentifierValue>
  </premis:relatedEventIdentification>

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    </premis:relationship>
    <premis:linkingIntellectualEntityIdentifier>
      <premis:linkingIntellectualEntityIdentifierType>Local DCMS
      </premis:linkingIntellectualEntityIdentifierType>
      <premis:linkingIntellectualEntityIdentifierValue>dcms222333
      </premis:linkingIntellectualEntityIdentifierValue>
    </premis:linkingIntellectualEntityIdentifier>
  </premis:object>
</mets:xmlData>
</mets:mdWrap>
</mets:techMD>
<mets:digiprovMD ID="event2">
  <mets:mdWrap MDTYPE="PREMIS">
    <mets:xmlData>
      <premis:event>
        <premis:eventIdentifier>
          <premis:eventIdentifierType>LocalRepository</premis:eventIdentifierType>
          <premis:eventIdentifierValue>E002</premis:eventIdentifierValue>
        </premis:eventIdentifier>
        <premis:eventType>normalize</premis:eventType>
        <premis:eventDateTime>2006-07-04</premis:eventDateTime>
        <premis:eventOutcomeInformation>
          <premis:eventOutcome>successful</premis:eventOutcome>
        </premis:eventOutcomeInformation>
        <premis:linkingAgentIdentifier>
          <premis:linkingAgentIdentifierType>LocalRepository</premis:linkingAgentIdentifierType>
          <premis:linkingAgentIdentifierValue>System</premis:linkingAgentIdentifierValue>
        <premis:linkingAgentRole>implementer</premis:linkingAgentRole>
      </premis:linkingAgentIdentifier>
      <premis:linkingObjectIdentifier>
        <premis:linkingObjectIdentifierType>LocalRepository</premis:linkingObjectIdentifierType>
        <premis:linkingObjectIdentifierValue>DOC001</premis:linkingObjectIdentifierValue>
      </premis:linkingObjectIdentifier>
    </mets:xmlData>
  </mets:mdWrap>
</mets:digiprovMD>
</mets:techMD>
</mets:mdWrap>
</mets:xmlData>

```

```
<premis:linkingObjectIdentifier>
  <premis:linkingObjectIdentifierType>LocalRepository</premis:linkingObjectIdentifierType>
  <premis:linkingObjectIdentifierValue>DOC004</premis:linkingObjectIdentifierValue>
</premis:linkingObjectIdentifier>
</premis:event>
</mets:xmlData>
</mets:mdWrap>
</mets:digiprovMD>
</mets:/admSec>
```