

## **NDNP PDF Profile**

Version 2.2

### CHANGES IN 2.2:

1. Updated rdf:Description references in XMP metadata template to match NDNP element names in Digital Asset Metadata Elements – Dictionary.

### CHANGES IN 2.1:

1. Removed specific PDF/A requirements.
  2. Added general PDF/A recommendation.
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1. The PDF will contain only one page, which will contain an image of the newspaper page with text “behind” the image.
  2. The image will grayscale, downsampled to 150dpi and encoded using JPEG, using a medium (or 40) quality setting. (If these settings are found to be suboptimal, please contact NDNP.)
  3. Only the 14 standard Type1 fonts may be used. These fonts will not be embedded.
  4. The page may have a page label. The page label will be the page number as it appears in the image.
  5. Text streams will be Flate encoded.
  6. Text should not be placed in the same location as other text. (Note: Some OCR applications will place a small amount of text in the same location as other text. However, text should not deliberately be placed in the same location as other text.)
  7. The page will not contain any bookmarks, links, named destinations, comments, forms, Javascript actions, external cross references, alternate images, embedded thumbnails, annotations, or private data.
  8. The PDF will not be tagged. (Note: PDFs of newspapers tagged with Adobe Acrobat's automated tagging are generally inaccurate and not useful for Read Aloud functionality.)
  9. The PDF will open to Fit Page sizing.
  10. The PDF will open to single page layout.
  11. The PDF will open with neither document outline nor thumbnail images available.
  12. The PDF will open with the tool bar, menu bar, and user interface elements visible.
  13. The PDF will not open centered in the screen.
  14. The PDF will not be encrypted, digitally signed, or have any security.
  15. It is recommended that the PDF be linearized (also known as “Fast Web View”).
  16. The PDF will be compatible with Acrobat 5.0 or later.
  17. Except where conflicting with any of the other requirements of this profile, conforming to PDF/A (ISO 19005-1) is recommended.
  18. The PDF's document XMP metadata conform with the following:

For newspaper pages:

```
<rdf:Description rdf:about="#The appropriate uuid#"
xmlns:dc="http://purl.org/dc/elements/1.1/">
  <dc:format>application/pdf</dc:format>
  <dc:title>
    <rdf:Alt>
      <rdf:li xml:lang="en">#Title#. #Issue Date# [p #Page
Number#].</rdf:li>
    </rdf:Alt>
  </dc:title>
  <dc:description>
    <rdf:Alt>
      <rdf:li xml:lang="en">Page from #Title# (newspaper). [See
LCCN: #LCCN# for catalog record.]. Prepared on behalf of #Digital
Responsible Institution#.</rdf:li>
    </rdf:Alt>
  </dc:description>
  <dc:date>
    <rdf:Seq>
      <rdf:li xml:lang="x-default">#Issue Date#</rdf:li>
    </rdf:Seq>
  </dc:date>
  <dc:type>
    <rdf:Bag>
      <rdf:li xml:lang="en">text</rdf:li>
      <rdf:li xml:lang="en">newspaper</rdf:li>
    </rdf:Bag>
  </dc:type>
  <dc:identifier>
    <rdf:Alt>
      <rdf:li xml:lang="en">Reel number #Reel Number#. Sequence
number #Reel Sequence Number#.</rdf:li>
    </rdf:Alt>
  </dc:identifier>
</rdf:Description>
```

*Note: dc:identifier may be omitted if the image is not created from microfilm.*

For example:

```
<rdf:Description rdf:about='uuid:813e0307-eef2-4b52-8fd2-902bfade3ca3'
xmlns:dc='http://purl.org/dc/elements/1.1/'>
  <dc:format>application/pdf</dc:format>
  <dc:title>
    <rdf:Alt>
      <rdf:li xml:lang="en">The national forum.(Washington, D.C.)
1910-05-28 [p 2].</rdf:li>
    </rdf:Alt>
  </dc:title>
  <dc:description>
    <rdf:Alt>
      <rdf:li xml:lang="en">Page from The national forum
(newspaper). [See LCCN: sn 82015056 for catalog record.].
Prepared on behalf of Library of Congress.</rdf:li>
    </rdf:Alt>
  </dc:description>
  <dc:date>
```

```

        <rdf:Seq>
        <rdf:li xml:lang="x-default">1910-05-28</rdf:li>
        </rdf:Seq>
</dc:date>
<dc:type>
    <rdf:Bag>
    <rdf:li xml:lang="en">text</rdf:li>
    <rdf:li xml:lang="en">newspaper</rdf:li>
    </rdf:Bag>
</dc:type>
<dc:identifier>
    <rdf:Alt>
    <rdf:li xml:lang="en">Reel number 23454234545. Sequence
number 5.</rdf:li>
    </rdf:Alt>
</dc:identifier>
</rdf:Description>

```

For targets:

```

<rdf:Description rdf:about="#The appropriate uuid#"
xmlns:dc="http://purl.org/dc/elements/1.1/">
    <dc:format>application/pdf</dc:format>
    <dc:description>
        <rdf:Alt>
        <rdf:li xml:lang="en">Target from microfilm reel #Reel
Number#. Prepared on behalf of #Digital Responsible
Institution#.</rdf:li>
        </rdf:Alt>
    </dc:description>
    <dc:identifier>
        <rdf:Alt>
        <rdf:li xml:lang="en">Reel number #Reel number#. Sequence
number #Reel Sequence Number#.</rdf:li>
        </rdf:Alt>
    </dc:identifier>
</rdf:Description>

```