

Schema documentation for CAPPDC.xsd

june 8, 2015

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Namespace: "http://calpreservation.org/projects/audiovisual-preservation/dcscheme.html"

Schema(s)

Main schema CAPPDC.xsd

Namespace	http://calpreservation.org/projects/audiovisual-preservation/dcscheme.html		
Properties	attribute form default:	unqualified	
	element form default:	qualified	

Element(s)

Element CollectionReference

Namespace	http://calpreservation.org/projects/audiovisual-preservation/dcscheme.html				
Diagram					
Properties	content:	complex			
Model	DescriptionDocument				
Children	DescriptionDocument				
Instance	<pre><CollectionReference collectionSource="" projectSource="" xmlns="http://calpreservation.org/projects/audiovisual-preservation/dcscheme.html"> <DescriptionDocument>{1,1}</DescriptionDocument> </CollectionReference></pre>				
Attributes	QName	Type	Fixed	Default	Use
	collectionSource	xs:string			required
	projectSource	xs:string			required

Source

```

<xs:element name="CollectionReference">
  <xs:complexType>
    <xs:sequence>
      <xs:element name="DescriptionDocument">
        <xs:annotation>
          <xs:documentation source="California Preservation Service Metadata Guidelines"
            xml:lang="en">The DescriptionDocument element allows grouping of the Dublin Core metadata and the
            metadata about the assets being represented.</xs:documentation>
        </xs:annotation>
        <xs:complexType>
          <xs:sequence>
            <xs:element name="DublinCore">
              <xs:annotation>
                <xs:documentation source="California Preservation Service Metadata Guidelines"
                  xml:lang="en">The DublinCore element wraps the elements found in the generic Dublin Core scheme and
                  represents the content of the item.</xs:documentation>
              </xs:annotation>
              <xs:complexType>
                <xs:sequence>
                  <xs:element name="title" maxOccurs="unbounded" type="xs:string">
                    <xs:annotation>
                      <xs:documentation source="California Preservation Service Metadata Guidelines"
                        xml:lang="en">Main or supplied title of the object.</xs:documentation>
                    </xs:annotation>
                  </xs:element>
                  <xs:element maxOccurs="unbounded" minOccurs="0" name="creator" type="xs:string">
                    <xs:annotation>
                      <xs:documentation source="California Preservation Service Metadata Guidelines"
                        xml:lang="en">Person(s) or organizations primarily responsible for creating an object. The creator
                        may be considered an author and may be one or more people, a business, organization, group, project
                        or service. Format: Last Name, First Name. Separate multiple names with a semicolon. Please use
                        controlled vocabulary if applicable. Vocabulary: Library of Congress Name Authority File http://
                        authorities.loc.gov/</xs:documentation>
                    </xs:annotation>
                  </xs:element>
                  <xs:element maxOccurs="unbounded" minOccurs="0" name="subject" type="xs:string">
                    <xs:annotation>
                      <xs:documentation source="California Preservation Service Metadata Guidelines"
                        xml:lang="en">Separate multiple subjects. Please use controlled vocabulary if applicable.
                        Vocabulary: Library of Congress Subject Headings http://authorities.loc.gov/</xs:documentation>
                    </xs:annotation>
                  </xs:element>
                  <xs:element minOccurs="0" name="description" type="xs:string">
                    <xs:annotation>
                      <xs:documentation source="California Preservation Service Metadata Guidelines"
                        xml:lang="en">Description or content summary.</xs:documentation>
                    </xs:annotation>
                  </xs:element>
                  <xs:element maxOccurs="unbounded" minOccurs="0" name="publisher" type="xs:string">
                    <xs:annotation>
                      <xs:documentation source="California Preservation Service Metadata Guidelines"
                        xml:lang="en">Person or organization primarily responsible for distributing or making an object
                        available to others. Publisher may be a person, a business, organization, group, project or
                        service. Format: Last Name, First Name. Separate multiple names with a semicolon. Please use
                        controlled vocabulary if applicable. Vocabulary: Library of Congress Name Authority File http://
                        authorities.loc.gov/</xs:documentation>
                    </xs:annotation>
                  </xs:element>
                  <xs:element maxOccurs="unbounded" minOccurs="0" name="contributor"
                    type="xs:string">
                    <xs:annotation>
                      <xs:documentation source="California Preservation Service Metadata Guidelines"
                        xml:lang="en">Person(s) or organizations responsible for contributing to an object. Format: Last
                        Name, First Name. Separate multiple names with a semicolon. Please use controlled vocabulary if
                        applicable. Vocabulary: Library of Congress Name Authority File http://authorities.loc.gov/</
                    </xs:documentation>
                    </xs:annotation>
                  </xs:element>
                  <xs:element maxOccurs="unbounded" minOccurs="0" name="date" type="xs:string">
                    <xs:annotation>
                      <xs:documentation source="California Preservation Service Metadata Guidelines"
                        xml:lang="en">Date created. Enter YYYY-MM-DD. If unknown, enter "Unknown."</xs:documentation>
                    </xs:annotation>
                  </xs:element>
                  <xs:element minOccurs="1" name="type" type="xs:string">
                    <xs:annotation>
                      <xs:documentation source="California Preservation Service Metadata Guidelines"
                        xml:lang="en">Please use controlled Vocabulary: Moving Image; Sound; Text; Still Image.</
                    </xs:documentation>
                    </xs:annotation>
                  </xs:element>
                  <xs:element minOccurs="0" name="format" type="xs:string">

```

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        <xs:annotation>
          <xs:documentation source="California Preservation Service Metadata
Guidelines" xml:lang="en">Non A/V controlled vocabulary: Book; Broadside (notice); Drawing
(visual work); Engraving (print); Lithograph; Manuscript (document genre); Map (document);
Newspaper; Photograph. See controlled vocabulary for A/V: http://metadataregistry.org/concept/list/
vocabulary\_id/145.html</xs:documentation>
        </xs:annotation>
      </xs:element>
      <xs:element maxOccurs="unbounded" minOccurs="0" name="identifier"
type="xs:string">
        <xs:annotation>
          <xs:documentation source="California Preservation Service Metadata Guidelines"
xml:lang="en">To be supplied by the California Preservation Service.</xs:documentation>
        </xs:annotation>
      </xs:element>
      <xs:element maxOccurs="unbounded" name="source">
        <xs:annotation>
          <xs:documentation source="California Preservation Service Metadata Guidelines"
xml:lang="en">Name of owning institution.</xs:documentation>
        </xs:annotation>
        <xs:complexType>
          <xs:simpleContent>
            <xs:extension base="xs:string">
              <xs:attribute name="url">
                <xs:simpleType>
                  <xs:restriction base="xs:anyURI">
                    <xs:pattern value="https?://.+"/>
                  </xs:restriction>
                </xs:simpleType>
              </xs:attribute>
              <xs:attribute name="type" type="xs:string" use="required"/>
            </xs:extension>
          </xs:simpleContent>
        </xs:complexType>
      </xs:element>
      <xs:element maxOccurs="unbounded" minOccurs="0" name="language" type="xs:string">
        <xs:annotation>
          <xs:documentation source="California Preservation Service Metadata Guidelines"
xml:lang="en">If English, enter "eng." Please use controlled vocabulary. Vocabulary: ISO
639.2 Codes for Names of Languages http://www.loc.gov/standards/iso639-2/php/code\_list.php</
xs:documentation>
        </xs:annotation>
      </xs:element>
      <xs:element maxOccurs="1" minOccurs="0" name="relation" type="xs:string">
        <xs:annotation>
          <xs:documentation source="California Preservation Service Metadata Guidelines"
xml:lang="en">List related Title(s) or Identifier(s) if object shares an intellectual bond with
another object or belongs in a series.</xs:documentation>
        </xs:annotation>
      </xs:element>
      <xs:element maxOccurs="unbounded" minOccurs="1" name="coverage">
        <xs:annotation>
          <xs:documentation source="California Preservation Service Metadata Guidelines"
xml:lang="en">Identifies a span of space that is expressed by the intellectual content of a media
item. Please use controlled vocabulary, if applicable. Vocabulary: Library of Congress Subject
Headings: http://authorities.loc.gov/</xs:documentation>
        </xs:annotation>
        <xs:complexType>
          <xs:simpleContent>
            <xs:extension base="xs:string">
              <xs:attribute name="type" type="xs:string"/>
            </xs:extension>
          </xs:simpleContent>
        </xs:complexType>
      </xs:element>
      <xs:element name="rights" type="xs:string">
        <xs:annotation>
          <xs:documentation source="California Preservation Service Metadata Guidelines"
xml:lang="en">Three boilerplate statements are supplied – amend the statements as needed: 1) Public
domain. No restrictions on use. 2) Copyrighted. Rights are owned by [Library/Archive or Copyright
Holder]. Copyright Holder has given Institution permission to provide access to the digitized work
online. Transmission or reproduction of materials protected by copyright beyond that allowed by
fair use requires the written permission of the copyright owner. In addition, the reproduction
of some materials may be restricted by terms of gift or purchase agreements, donor restrictions,
privacy and publicity rights, licensing and trademarks. Works not in the public domain cannot be
commercially exploited without permission of the copyright owner. Responsibility for any use rests
exclusively with the user. 3) Copyright status unknown. This work may be protected by the U.S.
Copyright Law (Title 17, U.S.C.). In addition, its reproduction may be restricted by terms of gift
or purchase agreements, donor restrictions, privacy and publicity rights, licensing and trademarks.
This work is accessible for purposes of education and research. Transmission or reproduction of
works protected by copyright beyond that allowed by fair use requires the written permission of
the copyright owners. Works not in the public domain cannot be commercially exploited without
permission of the copyright owner. Responsibility for any use rests exclusively with the user.

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[Library/Archive] attempted to find rights owners without success but is eager to hear from them
so that we may obtain permission, if needed. Upon request to[email at Library/Archive], digitized
works can be removed from public view if there are rights issues that need to be resolved</
xs:documentation>
    </xs:annotation>
  </xs:element>
</xs:sequence>
</xs:complexType>
</xs:element>
<xs:element name="Assets">
  <xs:annotation>
    <xs:documentation source="California Preservation Service Metadata Guidelines"
xml:lang="en">The Assets element allows grouping of PREMIS-like and technical metadata about the
record's physical object and object's digital surrogates.</xs:documentation>
  </xs:annotation>
  <xs:complexType>
    <xs:sequence>
      <xs:element name="objectID" type="xs:string">
        <xs:annotation>
          <xs:documentation source="California Preservation Service Metadata Guidelines"
xml:lang="en">Unique identifier to be supplied by the California Preservation Service.</
xs:documentation>
        </xs:annotation>
      </xs:element>
      <xs:element name="projectID" type="xs:string">
        <xs:annotation>
          <xs:documentation source="California Preservation Service Metadata
Guidelines" xml:lang="en">Project identifier be supplied by the California Preservation Service.</
xs:documentation>
        </xs:annotation>
      </xs:element>
      <xs:element name="physicalLocation" type="xs:string">
        <xs:annotation>
          <xs:documentation source="California Preservation Service Metadata Guidelines"
xml:lang="en">Name of owning institution.</xs:documentation>
        </xs:annotation>
      </xs:element>
      <xs:element name="dimensionsHeight" minOccurs="0">
        <xs:annotation>
          <xs:documentation source="California Preservation Service Metadata Guidelines"
xml:lang="en">The DimensionsHeight element describes the height of the physical object which is
qualified by a unit attribute.</xs:documentation>
        </xs:annotation>
        <xs:complexType>
          <xs:simpleContent>
            <xs:extension base="xs:decimal">
              <xs:attribute name="unit" type="xs:string" use="required">
                <xs:annotation>
                  <xs:documentation source="California Preservation Service Metadata
Guidelines" xml:lang="en">Represent the unit used to measure the physical item. Should be a
physical unit and words spelled out instead of using abbreviations. For example: inches and
centimeters.</xs:documentation>
                </xs:annotation>
              </xs:attribute>
            </xs:extension>
          </xs:simpleContent>
        </xs:complexType>
      </xs:element>
      <xs:element name="dimensionsWidth" minOccurs="0">
        <xs:annotation>
          <xs:documentation source="California Preservation Service Metadata Guidelines"
xml:lang="en">The DimensionsWidth element describes the width of the physical object which is
qualified by a unit attribute.</xs:documentation>
        </xs:annotation>
        <xs:complexType>
          <xs:simpleContent>
            <xs:extension base="xs:decimal">
              <xs:attribute name="unit" type="xs:string" use="required">
                <xs:annotation>
                  <xs:documentation source="California Preservation Service Metadata
Guidelines" xml:lang="en">Represent the unit used to measure the physical item. Should be a
physical unit and words spelled out instead of using abbreviations. For example: inches and
centimeters.</xs:documentation>
                </xs:annotation>
              </xs:attribute>
            </xs:extension>
          </xs:simpleContent>
        </xs:complexType>
      </xs:element>
      <xs:element name="color" type="xs:string">
        <xs:annotation>

```

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        <xs:documentation source="California Preservation Service Metadata Guidelines"
xml:lang="en">The color element describes whether the physical object made up of content that is
black and white, color, or a mixture.</xs:documentation>
    </xs:annotation>
</xs:element>
    <xs:element name="hasParts" type="xs:string">
    <xs:annotation>
        <xs:documentation source="California Preservation Service Metadata Guidelines"
xml:lang="en">Describes the object's total number of parts. For example, "1 page" or "3 pages of
3."</xs:documentation>
    </xs:annotation>
</xs:element>
    <xs:element name="additionalDescription" type="xs:string">
    <xs:annotation>
        <xs:documentation source="California Preservation Service Metadata Guidelines"
xml:lang="en">Additional descriptive notes about the object that do not fit into fields above.</
xs:documentation>
    </xs:annotation>
</xs:element>
    <xs:element maxOccurs="1" name="AssetPart">
    <xs:annotation>
        <xs:documentation source="California Preservation Service Metadata Guidelines"
xml:lang="en">The AssetPart element allows for grouping of the various parts in a record, allowing
the representation of complex object.</xs:documentation>
    </xs:annotation>
    <xs:complexType>
        <xs:sequence>
            <xs:element name="Instantiations" maxOccurs="unbounded">
            <xs:annotation>
                <xs:documentation source="California Preservation Service Metadata
Guidelines" xml:lang="en">The Instantiations element allows for the grouping of all the
instantiations for a given asset.</xs:documentation>
            </xs:annotation>
            <xs:complexType>
                <xs:sequence>
                    <xs:element name="Instantiation" maxOccurs="unbounded">
                    <xs:complexType>
                        <xs:sequence>
                            <xs:element name="fileName">
                            <xs:annotation>
                                <xs:documentation source="California Preservation
Service Metadata Guidelines" xml:lang="en">Name of the digital file with the file extension.</
xs:documentation>
                            </xs:annotation>
                            <xs:complexType>
                                <xs:simpleContent>
                                    <xs:extension base="xs:string">
                                    <xs:attribute name="unit">
                                    <xs:annotation>
                                        <xs:documentation source="California Preservation
Service Metadata Guidelines" xml:lang="en">The unit used for the file size using the initials only.
For example: MB for megabytes and b for bits.</xs:documentation>
                                    </xs:annotation>
                                    </xs:attribute>
                                    </xs:extension>
                                    </xs:simpleContent>
                                    </xs:complexType>
                                </xs:element>
                                <xs:element name="fileSize">
                                <xs:annotation>
                                    <xs:documentation source="California Preservation Service
Metadata Guidelines" xml:lang="en">The size of the digital file as a decimal or a whole number
only. Qualified by a file size unit attribute.</xs:documentation>
                                </xs:annotation>
                                <xs:complexType>
                                    <xs:simpleContent>
                                        <xs:extension base="xs:decimal">
                                        <xs:attribute name="unit">
                                        <xs:annotation>
                                            <xs:documentation source="California Preservation
Service Metadata Guidelines" xml:lang="en">Unit should contain the full name and not an
abbreviation. For example: megabytes instead of MB.</xs:documentation>
                                        </xs:annotation>
                                        </xs:attribute>
                                        </xs:extension>
                                        </xs:simpleContent>
                                        </xs:complexType>
                                    </xs:element>
                                    <xs:element name="checksum">
                                    <xs:annotation>
                                        <xs:documentation source="California Preservation Service
Metadata Guidelines" xml:lang="en">Contains the hash value of a checksum verification algorithm.
Qualified by a type attribute.</xs:documentation>

```

```

</xs:annotation>
<xs:complexType>
  <xs:simpleContent>
    <xs:extension base="xs:string">
      <xs:attribute name="type">
        <xs:annotation>
          <xs:documentation>Represents the type of checksum
algorithm used.</xs:documentation>
        </xs:annotation>
      </xs:attribute>
    </xs:extension>
  </xs:simpleContent>
</xs:complexType>
</xs:element>
<xs:element name="derivedFrom" type="xs:string">
  <xs:annotation>
    <xs:documentation source="California Preservation Service
Metadata Guidelines" xml:lang="en">Refers to the source of instantiation. This will be designated
by Physical Object for preservation masters and the file name it was derivated from for access
files.</xs:documentation>
  </xs:annotation>
</xs:element>
<xs:element name="Technical">
  <xs:complexType>
    <xs:sequence>
      <xs:element name="fileFormat" type="xs:string">
        <xs:annotation>
          <xs:documentation source="California Preservation
Service Metadata Guidelines" xml:lang="en">Specifies the MIME type of the file.</xs:documentation>
        </xs:annotation>
      </xs:element>
      <xs:element name="imageFormat" type="xs:string"/>
      <xs:element name="resolutionWidth">
        <xs:annotation>
          <xs:documentation source="California Preservation
Service Metadata Guidelines">Specifies the x dimensions of the digital file. Qualified with a
unit.</xs:documentation>
        </xs:annotation>
      </xs:element>
      <xs:complexType>
        <xs:simpleContent>
          <xs:extension base="xs:nonNegativeInteger">
            <xs:attribute name="unit" use="required"
type="xs:string">
              <xs:annotation>
                <xs:documentation source="California
Preservation Service Metadata Guidelines" xml:lang="en">Almost always pixels.</xs:documentation>
              </xs:annotation>
            </xs:attribute>
          </xs:extension>
        </xs:simpleContent>
      </xs:complexType>
    </xs:element>
    <xs:element name="resolutionHeight">
      <xs:annotation>
        <xs:documentation source="California Preservation
Service Metadata Guidelines" xml:lang="en">Specifies the y dimensions of the digital file.
Qualified with a unit.</xs:documentation>
      </xs:annotation>
    </xs:element>
    <xs:complexType>
      <xs:simpleContent>
        <xs:extension base="xs:nonNegativeInteger">
          <xs:attribute name="unit" use="required"
type="xs:string">
            <xs:annotation>
              <xs:documentation source="California
Preservation Service Metadata Guidelines" xml:lang="en">Almost always pixels.</xs:documentation>
            </xs:annotation>
          </xs:attribute>
        </xs:extension>
      </xs:simpleContent>
    </xs:complexType>
  </xs:element>
  <xs:element minOccurs="1" name="colorSpace">
    <xs:annotation>
      <xs:documentation source="California Preservation
Service Metadata Guidelines" xml:lang="en">Specifies the type of color space used by the digital
file.</xs:documentation>
    </xs:annotation>
  </xs:element>
  <xs:simpleType>
    <xs:restriction base="xs:string"/>
  </xs:simpleType>
</xs:element>
<xs:element minOccurs="0" name="chromaSubsampling">

```



```

</xs:annotation>
<xs:documentation source="California Preservation
Service Metadata Guidelines" xml:lang="en">Specifies the Chroma Subsampling as a ratio in the
format integer:integer:integer. For example 4:2:2. All other formatted values will be considered
invalid. In the absence of subsampling, the value of this element is 4:4:4.</xs:documentation>
</xs:annotation>
<xs:simpleType>
  <xs:restriction base="xs:NMTOKEN">
    <xs:pattern value="\d+:\d+:\d+"/>
  </xs:restriction>
</xs:simpleType>
</xs:element>
<xs:element name="colorDepth">
  <xs:annotation>
    <xs:documentation source="California Preservation
Service Metadata Guidelines" xml:lang="en">The bit depth per channel. Qualified with a unit.</
xs:documentation>
  </xs:annotation>
  <xs:complexType>
    <xs:simpleContent>
      <xs:extension base="xs:nonNegativeInteger">
        <xs:attribute name="unit" type="xs:string"
use="required"/>
      </xs:extension>
    </xs:simpleContent>
  </xs:complexType>
</xs:element>
<xs:element name="compressionMode">
  <xs:annotation>
    <xs:documentation source="California Preservation
Service Metadata Guidelines" xml:lang="en">Designates the type of compression. Only values accepted
are Lossless, Lossy, Uncompressed, or Unknown. All other values will be considered as invalid.</
xs:documentation>
  </xs:annotation>
  <xs:simpleType>
    <xs:restriction base="xs:string">
      <xs:enumeration value="Lossless"/>
      <xs:enumeration value="Lossy"/>
      <xs:enumeration value="Uncompressed"/>
      <xs:enumeration value="Unknown"/>
    </xs:restriction>
  </xs:simpleType>
</xs:element>
<xs:element minOccurs="0" name="additionalTechnicalNotes"
type="xs:string">
  <xs:annotation>
    <xs:documentation source="California Preservation
Service Metadata Guidelines">California Preservation Service Metadata Guidelines</xs:documentation>
  </xs:annotation>
</xs:element>
</xs:sequence>
</xs:complexType>
</xs:element>
</xs:sequence>
<xs:attribute name="generation" type="xs:string" use="required">
  <xs:annotation>
    <xs:documentation source="California Preservation Service
Metadata Guidelines" xml:lang="en">Represents the generation and use classification of the file.
The most common values used will be Preservation and Access.</xs:documentation>
  </xs:annotation>
</xs:attribute>
</xs:complexType>
</xs:element>
</xs:sequence>
<xs:attribute name="relationship" use="required"/>
</xs:complexType>
</xs:element>
</xs:sequence>
</xs:complexType>
</xs:element>
</xs:sequence>
</xs:complexType>
</xs:element>
</xs:sequence>
<xs:attribute name="collectionSource" use="required" type="xs:string"/>
<xs:attribute name="projectSource" use="required" type="xs:string"/>
</xs:complexType>
</xs:element>

```


Element CollectionReference / DescriptionDocument

Namespace	http://calpreservation.org/projects/audiovisual-preservation/dcscheme.html
Annotations	<p>California Preservation Service Metadata Guidelines</p> <p>The DescriptionDocument element allows grouping of the Dublin Core metadata and the metadata about the assets being represented.</p>
Diagram	<pre> graph LR DD[DescriptionDocument] --- DC[DublinCore] DD --- AS[Assets] DC --- DC_Text[The DublinCore element wraps the elements found in the generic Dublin Core scheme and represents the...] AS --- AS_Text[The Assets element allows grouping of PREMIS-like and technical metadata about the record's physical object and...] </pre>
Properties	content: complex
Model	DublinCore , Assets
Children	Assets, DublinCore
Instance	<pre> <DescriptionDocument xmlns="http://calpreservation.org/projects/audiovisual-preservation/dcscheme.html"> <DublinCore>{1,1}</DublinCore> <Assets>{1,1}</Assets> </DescriptionDocument> </pre>
Source	<pre> <xs:element name="DescriptionDocument"> <xs:annotation> <xs:documentation source="California Preservation Service Metadata Guidelines" xml:lang="en">The DescriptionDocument element allows grouping of the Dublin Core metadata and the metadata about the assets being represented.</xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence> <xs:element name="DublinCore"> <xs:annotation> <xs:documentation source="California Preservation Service Metadata Guidelines" xml:lang="en">The DublinCore element wraps the elements found in the generic Dublin Core scheme and represents the represents the content of the item.</xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence> <xs:element name="title" maxOccurs="unbounded" type="xs:string"> <xs:annotation> <xs:documentation source="California Preservation Service Metadata Guidelines" xml:lang="en">Main or supplied title of the object.</xs:documentation> </xs:annotation> </xs:element> <xs:element maxOccurs="unbounded" minOccurs="0" name="creator" type="xs:string"> <xs:annotation> <xs:documentation source="California Preservation Service Metadata Guidelines" xml:lang="en">Person(s) or organizations primarily responsible for creating an object. The creator may be considered an author and may be one or more people, a business, organization, group, project or service. Format: Last Name, First Name. Separate multiple names with a semicolon. Please use controlled vocabulary if applicable. Vocabulary: Library of Congress Name Authority File http:// authorities.loc.gov/</xs:documentation> </xs:annotation> </xs:element> <xs:element maxOccurs="unbounded" minOccurs="0" name="subject" type="xs:string"> <xs:annotation> <xs:documentation source="California Preservation Service Metadata Guidelines" xml:lang="en">Separate multiple subjects. Please use controlled vocabulary if applicable. Vocabulary: Library of Congress Subject Headings http://authorities.loc.gov/</xs:documentation> </xs:annotation> </xs:element> <xs:element minOccurs="0" name="description" type="xs:string"> <xs:annotation> <xs:documentation source="California Preservation Service Metadata Guidelines" xml:lang="en">Description or content summary.</xs:documentation> </xs:annotation> </xs:element> <xs:element maxOccurs="unbounded" minOccurs="0" name="publisher" type="xs:string"> <xs:annotation> <xs:documentation source="California Preservation Service Metadata Guidelines" xml:lang="en">Person or organization primarily responsible for distributing or making an object available to others. Publisher may be a person, a business, organization, group, project or service. Format: Last Name, First Name. Separate multiple names with a semicolon. Please use </pre>

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    controlled vocabulary if applicable. Vocabulary: Library of Congress Name Authority File http://authorities.loc.gov/</xs:documentation>
  </xs:annotation>
</xs:element>
<xs:element maxOccurs="unbounded" minOccurs="0" name="contributor" type="xs:string">
  <xs:annotation>
    <xs:documentation source="California Preservation Service Metadata Guidelines"
      xml:lang="en">Person(s) or organizations responsible for contributing to an object. Format: Last Name, First Name. Separate multiple names with a semicolon. Please use controlled vocabulary if applicable. Vocabulary: Library of Congress Name Authority File http://authorities.loc.gov/</xs:documentation>
  </xs:annotation>
</xs:element>
<xs:element maxOccurs="unbounded" minOccurs="0" name="date" type="xs:string">
  <xs:annotation>
    <xs:documentation source="California Preservation Service Metadata Guidelines"
      xml:lang="en">Date created. Enter YYYY-MM-DD. If unknown, enter "Unknown."</xs:documentation>
  </xs:annotation>
</xs:element>
<xs:element minOccurs="1" name="type" type="xs:string">
  <xs:annotation>
    <xs:documentation source="California Preservation Service Metadata Guidelines"
      xml:lang="en">Please use controlled Vocabulary: Moving Image; Sound; Text; Still Image.</xs:documentation>
  </xs:annotation>
</xs:element>
<xs:element minOccurs="0" name="format" type="xs:string">
  <xs:annotation>
    <xs:documentation source="California Preservation Service Metadata Guidelines"
      xml:lang="en">Non A/V controlled vocabulary: Book; Broadside (notice); Drawing (visual work); Engraving (print); Lithograph; Manuscript (document genre); Map (document); Newspaper; Photograph. See controlled vocabulary for A/V: http://metadataregistry.org/concept/list/vocabulary\_id/145.html</xs:documentation>
  </xs:annotation>
</xs:element>
<xs:element maxOccurs="unbounded" minOccurs="0" name="identifier" type="xs:string">
  <xs:annotation>
    <xs:documentation source="California Preservation Service Metadata Guidelines"
      xml:lang="en">To be supplied by the California Preservation Service.</xs:documentation>
  </xs:annotation>
</xs:element>
<xs:element maxOccurs="unbounded" name="source">
  <xs:annotation>
    <xs:documentation source="California Preservation Service Metadata Guidelines"
      xml:lang="en">Name of owning institution.</xs:documentation>
  </xs:annotation>
  <xs:complexType>
    <xs:simpleContent>
      <xs:extension base="xs:string">
        <xs:attribute name="url">
          <xs:simpleType>
            <xs:restriction base="xs:anyURI">
              <xs:pattern value="https?://.+"/>
            </xs:restriction>
          </xs:simpleType>
        </xs:attribute>
        <xs:attribute name="type" type="xs:string" use="required"/>
      </xs:extension>
    </xs:simpleContent>
  </xs:complexType>
</xs:element>
<xs:element maxOccurs="unbounded" minOccurs="0" name="language" type="xs:string">
  <xs:annotation>
    <xs:documentation source="California Preservation Service Metadata Guidelines"
      xml:lang="en">If English, enter "eng." Please use controlled vocabulary. Vocabulary: ISO 639.2 Codes for Names of Languages http://www.loc.gov/standards/iso639-2/php/code\_list.php</xs:documentation>
  </xs:annotation>
</xs:element>
<xs:element maxOccurs="1" minOccurs="0" name="relation" type="xs:string">
  <xs:annotation>
    <xs:documentation source="California Preservation Service Metadata Guidelines"
      xml:lang="en">List related Title(s) or Identifier(s) if object shares an intellectual bond with another object or belongs in a series.</xs:documentation>
  </xs:annotation>
</xs:element>
<xs:element maxOccurs="unbounded" minOccurs="1" name="coverage">
  <xs:annotation>
    <xs:documentation source="California Preservation Service Metadata Guidelines"
      xml:lang="en">Identifies a span of space that is expressed by the intellectual content of a media item. Please use controlled vocabulary, if applicable. Vocabulary: Library of Congress Subject Headings: http://authorities.loc.gov/</xs:documentation>
  </xs:annotation>

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<xs:complexType>
  <xs:simpleContent>
    <xs:extension base="xs:string">
      <xs:attribute name="type" type="xs:string"/>
    </xs:extension>
  </xs:simpleContent>
</xs:complexType>
</xs:element>
<xs:element name="rights" type="xs:string">
  <xs:annotation>
    <xs:documentation source="California Preservation Service Metadata Guidelines"
xml:lang="en">Three boilerplate statements are supplied – amend the statements as needed: 1) Public
domain. No restrictions on use. 2) Copyrighted. Rights are owned by [Library/Archive or Copyright
Holder]. Copyright Holder has given Institution permission to provide access to the digitized work
online. Transmission or reproduction of materials protected by copyright beyond that allowed by
fair use requires the written permission of the copyright owner. In addition, the reproduction
of some materials may be restricted by terms of gift or purchase agreements, donor restrictions,
privacy and publicity rights, licensing and trademarks. Works not in the public domain cannot be
commercially exploited without permission of the copyright owner. Responsibility for any use rests
exclusively with the user. 3) Copyright status unknown. This work may be protected by the U.S.
Copyright Law (Title 17, U.S.C.). In addition, its reproduction may be restricted by terms of gift
or purchase agreements, donor restrictions, privacy and publicity rights, licensing and trademarks.
This work is accessible for purposes of education and research. Transmission or reproduction of
works protected by copyright beyond that allowed by fair use requires the written permission of
the copyright owners. Works not in the public domain cannot be commercially exploited without
permission of the copyright owner. Responsibility for any use rests exclusively with the user.
[Library/Archive] attempted to find rights owners without success but is eager to hear from them
so that we may obtain permission, if needed. Upon request to[email at Library/Archive], digitized
works can be removed from public view if there are rights issues that need to be resolved</
xs:documentation>
  </xs:annotation>
</xs:element>
</xs:sequence>
</xs:complexType>
</xs:element>
<xs:element name="Assets">
  <xs:annotation>
    <xs:documentation source="California Preservation Service Metadata Guidelines"
xml:lang="en">The Assets element allows grouping of PREMIS-like and technical metadata about the
record's physical object and object's digital surrogates.</xs:documentation>
  </xs:annotation>
  <xs:complexType>
    <xs:sequence>
      <xs:element name="objectID" type="xs:string">
        <xs:annotation>
          <xs:documentation source="California Preservation Service Metadata Guidelines"
xml:lang="en">Unique identifier to be supplied by the California Preservation Service.</
xs:documentation>
        </xs:annotation>
        </xs:element>
      <xs:element name="projectID" type="xs:string">
        <xs:annotation>
          <xs:documentation source="California Preservation Service Metadata Guidelines"
xml:lang="en">Project identifier be supplied by the California Preservation Service.</
xs:documentation>
        </xs:annotation>
        </xs:element>
      <xs:element name="physicalLocation" type="xs:string">
        <xs:annotation>
          <xs:documentation source="California Preservation Service Metadata Guidelines"
xml:lang="en">Name of owning institution.</xs:documentation>
        </xs:annotation>
        </xs:element>
      <xs:element name="dimensionsHeight" minOccurs="0">
        <xs:annotation>
          <xs:documentation source="California Preservation Service Metadata Guidelines"
xml:lang="en">The DimensionsHeight element describes the height of the physical object which is
qualified by a unit attribute.</xs:documentation>
        </xs:annotation>
        <xs:complexType>
          <xs:simpleContent>
            <xs:extension base="xs:decimal">
              <xs:attribute name="unit" type="xs:string" use="required">
                <xs:annotation>
                  <xs:documentation source="California Preservation Service Metadata
Guidelines" xml:lang="en">Represent the unit used to measure the physical item. Should be a
physical unit and words spelled out instead of using abbreviations. For example: inches and
centimeters.</xs:documentation>
                </xs:annotation>
              </xs:attribute>
            </xs:extension>
          </xs:simpleContent>
        </xs:complexType>

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</xs:element>
<xs:element name="dimensionsWidth" minOccurs="0">
  <xs:annotation>
    <xs:documentation source="California Preservation Service Metadata Guidelines"
      xml:lang="en">The DimensionsWidth element describes the width of the physical object which is
      qualified by a unit attribute.</xs:documentation>
    </xs:annotation>
    <xs:complexType>
      <xs:simpleContent>
        <xs:extension base="xs:decimal">
          <xs:attribute name="unit" type="xs:string" use="required">
            <xs:annotation>
              <xs:documentation source="California Preservation Service Metadata
                Guidelines" xml:lang="en">Represent the unit used to measure the physical item. Should be a
                physical unit and words spelled out instead of using abbreviations. For example: inches and
                centimeters.</xs:documentation>
            </xs:annotation>
          </xs:attribute>
        </xs:extension>
      </xs:simpleContent>
    </xs:complexType>
  </xs:element>
  <xs:element name="color" type="xs:string">
    <xs:annotation>
      <xs:documentation source="California Preservation Service Metadata Guidelines"
        xml:lang="en">The color element describes whether the physical object made up of content that is
        black and white, color, or a mixture.</xs:documentation>
      </xs:annotation>
    </xs:element>
    <xs:element name="hasParts" type="xs:string">
      <xs:annotation>
        <xs:documentation source="California Preservation Service Metadata Guidelines"
          xml:lang="en">Describes the object's total number of parts. For example, "1 page" or "3 pages of
          3."</xs:documentation>
        </xs:annotation>
      </xs:element>
      <xs:element name="additionalDescription" type="xs:string">
        <xs:annotation>
          <xs:documentation source="California Preservation Service Metadata Guidelines"
            xml:lang="en">Additional descriptive notes about the object that do not fit into fields above.</
            xs:documentation>
          </xs:annotation>
        </xs:element>
        <xs:element maxOccurs="1" name="AssetPart">
          <xs:annotation>
            <xs:documentation source="California Preservation Service Metadata Guidelines"
              xml:lang="en">The AssetPart element allows for grouping of the various parts in a record, allowing
              the representation of complex object.</xs:documentation>
            </xs:annotation>
            <xs:complexType>
              <xs:sequence>
                <xs:element name="Instantiations" maxOccurs="unbounded">
                  <xs:annotation>
                    <xs:documentation source="California Preservation Service Metadata Guidelines"
                      xml:lang="en">The Instantiations element allows for the grouping of all the instantiations for a
                      given asset.</xs:documentation>
                    </xs:annotation>
                    <xs:complexType>
                      <xs:sequence>
                        <xs:element name="Instantiation" maxOccurs="unbounded">
                          <xs:complexType>
                            <xs:sequence>
                              <xs:element name="fileName">
                                <xs:annotation>
                                  <xs:documentation source="California Preservation Service Metadata
                                    Guidelines" xml:lang="en">Name of the digital file with the file extension.</xs:documentation>
                                </xs:annotation>
                                <xs:complexType>
                                  <xs:simpleContent>
                                    <xs:extension base="xs:string">
                                      <xs:attribute name="unit">
                                        <xs:annotation>
                                          <xs:documentation source="California Preservation Service
                                            Metadata Guidelines" xml:lang="en">The unit used for the file size using the initials only. For
                                            example: MB for megabytes and b for bits.</xs:documentation>
                                        </xs:annotation>
                                      </xs:attribute>
                                    </xs:extension>
                                  </xs:simpleContent>
                                </xs:complexType>
                              </xs:element>
                              <xs:element name="fileSize">
                                <xs:annotation>

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        <xs:documentation source="California Preservation Service Metadata
Guidelines" xml:lang="en">The size of the digital file as a decimal or a whole number only.
Qualified by a file size unit attribute.</xs:documentation>
    </xs:annotation>
    <xs:complexType>
        <xs:simpleContent>
            <xs:extension base="xs:decimal">
                <xs:attribute name="unit">
                    <xs:annotation>
                        <xs:documentation source="California Preservation Service
Metadata Guidelines" xml:lang="en">Unit should contain the full name and not an abbreviation. For
example: megabytes instead of MB.</xs:documentation>
                    </xs:annotation>
                </xs:attribute>
            </xs:extension>
        </xs:simpleContent>
    </xs:complexType>
</xs:element>
<xs:element name="checksum">
    <xs:annotation>
        <xs:documentation source="California Preservation Service Metadata
Guidelines" xml:lang="en">Contains the hash value of a checksum verification algorithm. Qualified
by a type attribute.</xs:documentation>
    </xs:annotation>
    <xs:complexType>
        <xs:simpleContent>
            <xs:extension base="xs:string">
                <xs:attribute name="type">
                    <xs:annotation>
                        <xs:documentation>Represents the type of checksum
algorithm used.</xs:documentation>
                    </xs:annotation>
                </xs:attribute>
            </xs:extension>
        </xs:simpleContent>
    </xs:complexType>
</xs:element>
<xs:element name="derivedFrom" type="xs:string">
    <xs:annotation>
        <xs:documentation source="California Preservation Service
Metadata Guidelines" xml:lang="en">Refers to the source of instantiation. This will be designated
by Physical Object for preservation masters and the file name it was derived from for access
files.</xs:documentation>
    </xs:annotation>
</xs:element>
<xs:element name="Technical">
    <xs:complexType>
        <xs:sequence>
            <xs:element name="fileFormat" type="xs:string">
                <xs:annotation>
                    <xs:documentation source="California Preservation Service
Metadata Guidelines" xml:lang="en">Specifies the MIME type of the file.</xs:documentation>
                </xs:annotation>
            </xs:element>
            <xs:element name="imageFormat" type="xs:string"/>
            <xs:element name="resolutionWidth">
                <xs:annotation>
                    <xs:documentation source="California Preservation Service
Metadata Guidelines">Specifies the x dimensions of the digital file. Qualified with a unit.</
xs:documentation>
                </xs:annotation>
            </xs:element>
            <xs:complexType>
                <xs:simpleContent>
                    <xs:extension base="xs:nonNegativeInteger">
                        <xs:attribute name="unit" use="required"
type="xs:string">
                            <xs:annotation>
                                <xs:documentation source="California Preservation
Service Metadata Guidelines" xml:lang="en">Almost always pixels.</xs:documentation>
                            </xs:annotation>
                        </xs:attribute>
                    </xs:extension>
                </xs:simpleContent>
            </xs:complexType>
        </xs:sequence>
    </xs:element>
    <xs:element name="resolutionHeight">
        <xs:annotation>
            <xs:documentation source="California Preservation Service
Metadata Guidelines" xml:lang="en">Specifies the y dimensions of the digital file. Qualified with a
unit.</xs:documentation>
        </xs:annotation>
    </xs:element>
    <xs:complexType>
        <xs:simpleContent>

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        <xs:extension base="xs:nonNegativeInteger">
          <xs:attribute name="unit" use="required"

type="xs:string">
          <xs:annotation>
            <xs:documentation source="California Preservation
Service Metadata Guidelines" xml:lang="en">Almost always pixels.</xs:documentation>
          </xs:annotation>
          </xs:attribute>
        </xs:extension>
      </xs:simpleContent>
    </xs:complexType>
  </xs:element>
  <xs:element minOccurs="1" name="colorSpace">
    <xs:annotation>
      <xs:documentation source="California Preservation Service
Metadata Guidelines" xml:lang="en">Specifies the type of color space used by the digital file.</
xs:documentation>
    </xs:annotation>
    <xs:simpleType>
      <xs:restriction base="xs:string"/>
    </xs:simpleType>
  </xs:element>
  <xs:element minOccurs="0" name="chromaSubsampling">
    <xs:annotation>
      <xs:documentation source="California Preservation Service
Metadata Guidelines" xml:lang="en">Specifies the Chroma Subsampling as a ratio in the format
integer:integer:integer. For example 4:2:2. All other formatted values will be considered invalid.
In the absence of subsampling, the value of this element is 4:4:4.</xs:documentation>
    </xs:annotation>
    <xs:simpleType>
      <xs:restriction base="xs:NMTOKEN">
        <xs:pattern value="\d+:\d+:\d+"/>
      </xs:restriction>
    </xs:simpleType>
  </xs:element>
  <xs:element name="colorDepth">
    <xs:annotation>
      <xs:documentation source="California Preservation
Service Metadata Guidelines" xml:lang="en">The bit depth per channel. Qualified with a unit.</
xs:documentation>
    </xs:annotation>
    <xs:complexType>
      <xs:simpleContent>
        <xs:extension base="xs:nonNegativeInteger">
          <xs:attribute name="unit" type="xs:string"

use="required"/>
        </xs:extension>
      </xs:simpleContent>
    </xs:complexType>
  </xs:element>
  <xs:element name="compressionMode">
    <xs:annotation>
      <xs:documentation source="California Preservation Service
Metadata Guidelines" xml:lang="en">Designates the type of compression. Only values accepted are
Lossless, Lossy, Uncompressed, or Unknown. All other values will be considered as invalid.</
xs:documentation>
    </xs:annotation>
    <xs:simpleType>
      <xs:restriction base="xs:string">
        <xs:enumeration value="Lossless"/>
        <xs:enumeration value="Lossy"/>
        <xs:enumeration value="Uncompressed"/>
        <xs:enumeration value="Unknown"/>
      </xs:restriction>
    </xs:simpleType>
  </xs:element>
  <xs:element minOccurs="0" name="additionalTechnicalNotes"

type="xs:string">
    <xs:annotation>
      <xs:documentation source="California Preservation Service
Metadata Guidelines">California Preservation Service Metadata Guidelines</xs:documentation>
    </xs:annotation>
  </xs:element>
</xs:sequence>
</xs:complexType>
</xs:element>
</xs:sequence>
<xs:attribute name="generation" type="xs:string" use="required">
  <xs:annotation>
    <xs:documentation source="California Preservation Service Metadata
Guidelines" xml:lang="en">Represents the generation and use classification of the file. The most
common values used will be Preservation and Access.</xs:documentation>
  </xs:annotation>

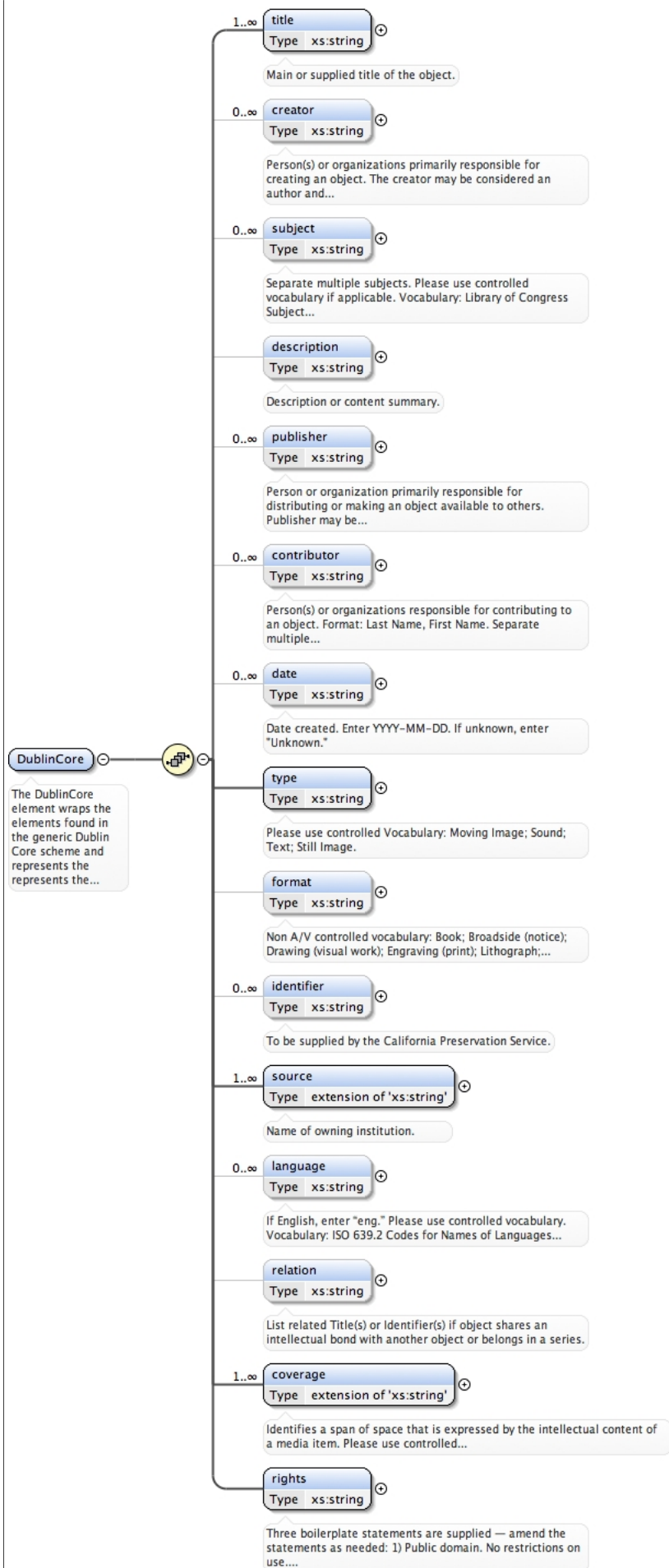
```

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        </xs:attribute>
      </xs:complexType>
    </xs:element>
  </xs:sequence>
  <xs:attribute name="relationship" use="required"/>
</xs:complexType>
</xs:element>
</xs:sequence>
</xs:complexType>
</xs:element>
</xs:sequence>
</xs:complexType>
</xs:element>
</xs:sequence>
</xs:complexType>
</xs:element>
```

Element CollectionReference / DescriptionDocument / DublinCore

Namespace	http://calpreservation.org/projects/audiovisual-preservation/dcscheme.html
Annotations	<p>California Preservation Service Metadata Guidelines</p> <p>The DublinCore element wraps the elements found in the generic Dublin Core scheme and represents the content of the item.</p>

Diagram



Properties	content: complex
Model	title+ , creator* , subject* , description{0,1} , publisher* , contributor* , date* , type , format{0,1} , identifier* , source+ , language* , relation{0,1} , coverage+ , rights
Children	contributor, coverage, creator, date, description, format, identifier, language, publisher, relation, rights, source, subject, title, type
Instance	<pre> <DublinCore xmlns="http://calpreservation.org/projects/audiovisual-preservation/dcscheme.html"> <title>{1,unbounded}</title> <creator>{0,unbounded}</creator> <subject>{0,unbounded}</subject> <description>{0,1}</description> <publisher>{0,unbounded}</publisher> <contributor>{0,unbounded}</contributor> <date>{0,unbounded}</date> <type>{1,1}</type> <format>{0,1}</format> <identifier>{0,unbounded}</identifier> <source type="" url="">{1,unbounded}</source> <language>{0,unbounded}</language> <relation>{0,1}</relation> <coverage type="">{1,unbounded}</coverage> <rights>{1,1}</rights> </DublinCore> </pre>
Source	<pre> <xs:element name="DublinCore"> <xs:annotation> <xs:documentation source="California Preservation Service Metadata Guidelines" xml:lang="en">The DublinCore element wraps the elements found in the generic Dublin Core scheme and represents the represents the content of the item.</xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence> <xs:element name="title" maxOccurs="unbounded" type="xs:string"> <xs:annotation> <xs:documentation source="California Preservation Service Metadata Guidelines" xml:lang="en">Main or supplied title of the object.</xs:documentation> </xs:annotation> </xs:element> <xs:element maxOccurs="unbounded" minOccurs="0" name="creator" type="xs:string"> <xs:annotation> <xs:documentation source="California Preservation Service Metadata Guidelines" xml:lang="en">Person(s) or organizations primarily responsible for creating an object. The creator may be considered an author and may be one or more people, a business, organization, group, project or service. Format: Last Name, First Name. Separate multiple names with a semicolon. Please use controlled vocabulary if applicable. Vocabulary: Library of Congress Name Authority File http:// authorities.loc.gov/</xs:documentation> </xs:annotation> </xs:element> <xs:element maxOccurs="unbounded" minOccurs="0" name="subject" type="xs:string"> <xs:annotation> <xs:documentation source="California Preservation Service Metadata Guidelines" xml:lang="en">Separate multiple subjects. Please use controlled vocabulary if applicable. Vocabulary: Library of Congress Subject Headings http://authorities.loc.gov/</xs:documentation> </xs:annotation> </xs:element> <xs:element minOccurs="0" name="description" type="xs:string"> <xs:annotation> <xs:documentation source="California Preservation Service Metadata Guidelines" xml:lang="en">Description or content summary.</xs:documentation> </xs:annotation> </xs:element> <xs:element maxOccurs="unbounded" minOccurs="0" name="publisher" type="xs:string"> <xs:annotation> <xs:documentation source="California Preservation Service Metadata Guidelines" xml:lang="en">Person or organization primarily responsible for distributing or making an object available to others. Publisher may be a person, a business, organization, group, project or service. Format: Last Name, First Name. Separate multiple names with a semicolon. Please use controlled vocabulary if applicable. Vocabulary: Library of Congress Name Authority File http:// authorities.loc.gov/</xs:documentation> </xs:annotation> </xs:element> <xs:element maxOccurs="unbounded" minOccurs="0" name="contributor" type="xs:string"> <xs:annotation> <xs:documentation source="California Preservation Service Metadata Guidelines" xml:lang="en">Person(s) or organizations responsible for contributing to an object. Format: Last Name, First Name. Separate multiple names with a semicolon. Please use controlled vocabulary if applicable. Vocabulary: Library of Congress Name Authority File http://authorities.loc.gov/</ xs:documentation> </xs:annotation> </xs:element> <xs:element maxOccurs="unbounded" minOccurs="0" name="date" type="xs:string"> <xs:annotation> </pre>

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        <xs:documentation source="California Preservation Service Metadata Guidelines"
xml:lang="en">Date created. Enter YYYY-MM-DD. If unknown, enter "Unknown."</xs:documentation>
    </xs:annotation>
</xs:element>
<xs:element minOccurs="1" name="type" type="xs:string">
    <xs:annotation>
        <xs:documentation source="California Preservation Service Metadata Guidelines"
xml:lang="en">Please use controlled Vocabulary: Moving Image; Sound; Text; Still Image.</
xs:documentation>
    </xs:annotation>
</xs:element>
<xs:element minOccurs="0" name="format" type="xs:string">
    <xs:annotation>
        <xs:documentation source="California Preservation Service Metadata Guidelines"
xml:lang="en">Non A/V controlled vocabulary: Book; Broadside (notice); Drawing (visual
work); Engraving (print); Lithograph; Manuscript (document genre); Map (document); Newspaper;
Photograph. See controlled vocabulary for A/V: http://metadataregistry.org/concept/list/
vocabulary\_id/145.html</xs:documentation>
    </xs:annotation>
</xs:element>
<xs:element maxOccurs="unbounded" minOccurs="0" name="identifier" type="xs:string">
    <xs:annotation>
        <xs:documentation source="California Preservation Service Metadata Guidelines"
xml:lang="en">To be supplied by the California Preservation Service.</xs:documentation>
    </xs:annotation>
</xs:element>
<xs:element maxOccurs="unbounded" name="source">
    <xs:annotation>
        <xs:documentation source="California Preservation Service Metadata Guidelines"
xml:lang="en">Name of owning institution.</xs:documentation>
    </xs:annotation>
    <xs:complexType>
        <xs:simpleContent>
            <xs:extension base="xs:string">
                <xs:attribute name="url">
                    <xs:simpleType>
                        <xs:restriction base="xs:anyURI">
                            <xs:pattern value="https?://.+"/>
                        </xs:restriction>
                    </xs:simpleType>
                </xs:attribute>
                <xs:attribute name="type" type="xs:string" use="required"/>
            </xs:extension>
        </xs:simpleContent>
    </xs:complexType>
</xs:element>
<xs:element maxOccurs="unbounded" minOccurs="0" name="language" type="xs:string">
    <xs:annotation>
        <xs:documentation source="California Preservation Service Metadata Guidelines"
xml:lang="en">If English, enter "eng." Please use controlled vocabulary. Vocabulary: ISO
639.2 Codes for Names of Languages http://www.loc.gov/standards/iso639-2/php/code\_list.php</
xs:documentation>
    </xs:annotation>
</xs:element>
<xs:element maxOccurs="1" minOccurs="0" name="relation" type="xs:string">
    <xs:annotation>
        <xs:documentation source="California Preservation Service Metadata Guidelines"
xml:lang="en">List related Title(s) or Identifier(s) if object shares an intellectual bond with
another object or belongs in a series.</xs:documentation>
    </xs:annotation>
</xs:element>
<xs:element maxOccurs="unbounded" minOccurs="1" name="coverage">
    <xs:annotation>
        <xs:documentation source="California Preservation Service Metadata Guidelines"
xml:lang="en">Identifies a span of space that is expressed by the intellectual content of a media
item. Please use controlled vocabulary, if applicable. Vocabulary: Library of Congress Subject
Headings: http://authorities.loc.gov/</xs:documentation>
    </xs:annotation>
    <xs:complexType>
        <xs:simpleContent>
            <xs:extension base="xs:string">
                <xs:attribute name="type" type="xs:string"/>
            </xs:extension>
        </xs:simpleContent>
    </xs:complexType>
</xs:element>
<xs:element name="rights" type="xs:string">
    <xs:annotation>
        <xs:documentation source="California Preservation Service Metadata Guidelines"
xml:lang="en">Three boilerplate statements are supplied – amend the statements as needed: 1) Public
domain. No restrictions on use. 2) Copyrighted. Rights are owned by [Library/Archive or Copyright
Holder]. Copyright Holder has given Institution permission to provide access to the digitized work
online. Transmission or reproduction of materials protected by copyright beyond that allowed by

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fair use requires the written permission of the copyright owner. In addition, the reproduction of some materials may be restricted by terms of gift or purchase agreements, donor restrictions, privacy and publicity rights, licensing and trademarks. Works not in the public domain cannot be commercially exploited without permission of the copyright owner. Responsibility for any use rests exclusively with the user. 3) Copyright status unknown. This work may be protected by the U.S. Copyright Law (Title 17, U.S.C.). In addition, its reproduction may be restricted by terms of gift or purchase agreements, donor restrictions, privacy and publicity rights, licensing and trademarks. This work is accessible for purposes of education and research. Transmission or reproduction of works protected by copyright beyond that allowed by fair use requires the written permission of the copyright owners. Works not in the public domain cannot be commercially exploited without permission of the copyright owner. Responsibility for any use rests exclusively with the user. [Library/Archive] attempted to find rights owners without success but is eager to hear from them so that we may obtain permission, if needed. Upon request to[[email at Library/Archive](#)], digitized works can be removed from public view if there are rights issues that need to be resolved</p>
</xs:documentation>
</xs:annotation>
</xs:element>
</xs:sequence>
</xs:complexType>
</xs:element>

Element CollectionReference / DescriptionDocument / DublinCore / title

Namespace	http://calpreservation.org/projects/audiovisual-preservation/dcscheme.html
Annotations	California Preservation Service Metadata Guidelines Main or supplied title of the object.
Diagram	
Type	xs:string
Properties	content: simple maxOccurs: unbounded
Source	<xs:element name="title" maxOccurs="unbounded" type="xs:string"> <xs:annotation> <xs:documentation source="California Preservation Service Metadata Guidelines" xml:lang="en">Main or supplied title of the object.</xs:documentation> </xs:annotation> </xs:element>

Element CollectionReference / DescriptionDocument / DublinCore / creator

Namespace	http://calpreservation.org/projects/audiovisual-preservation/dcscheme.html
Annotations	California Preservation Service Metadata Guidelines Person(s) or organizations primarily responsible for creating an object. The creator may be considered an author and may be one or more people, a business, organization, group, project or service. Format: Last Name, First Name. Separate multiple names with a semicolon. Please use controlled vocabulary if applicable. Vocabulary: Library of Congress Name Authority File http://authorities.loc.gov/
Diagram	
Type	xs:string
Properties	content: simple minOccurs: 0 maxOccurs: unbounded
Source	<xs:element maxOccurs="unbounded" minOccurs="0" name="creator" type="xs:string"> <xs:annotation> <xs:documentation source="California Preservation Service Metadata Guidelines" xml:lang="en">Person(s) or organizations primarily responsible for creating an object. The creator may be considered an author and may be one or more people, a business, organization, group, project or service. Format: Last Name, First Name. Separate multiple names with a semicolon. Please use

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    controlled vocabulary if applicable. Vocabulary: Library of Congress Name Authority File http://
    authorities.loc.gov/</xs:documentation>
  </xs:annotation>
</xs:element>

```

Element CollectionReference / DescriptionDocument / DublinCore / subject

Namespace	http://calpreservation.org/projects/audiovisual-preservation/dcscheme.html						
Annotations	<p>California Preservation Service Metadata Guidelines</p> <p>Separate multiple subjects. Please use controlled vocabulary if applicable. Vocabulary: Library of Congress Subject Headings http://authorities.loc.gov/</p>						
Diagram							
Type	xs:string						
Properties	<table> <tr> <td>content:</td><td>simple</td></tr> <tr> <td>minOccurs:</td><td>0</td></tr> <tr> <td>maxOccurs:</td><td>unbounded</td></tr> </table>	content:	simple	minOccurs:	0	maxOccurs:	unbounded
content:	simple						
minOccurs:	0						
maxOccurs:	unbounded						
Source	<pre> <xs:element maxOccurs="unbounded" minOccurs="0" name="subject" type="xs:string"> <xs:annotation> <xs:documentation source="California Preservation Service Metadata Guidelines" xml:lang="en">Separate multiple subjects. Please use controlled vocabulary if applicable. Vocabulary: Library of Congress Subject Headings http://authorities.loc.gov/</xs:documentation> </xs:annotation> </xs:element> </pre>						

Element CollectionReference / DescriptionDocument / DublinCore / description

Namespace	http://calpreservation.org/projects/audiovisual-preservation/dcscheme.html				
Annotations	<p>California Preservation Service Metadata Guidelines</p> <p>Description or content summary.</p>				
Diagram					
Type	xs:string				
Properties	<table> <tr> <td>content:</td><td>simple</td></tr> <tr> <td>minOccurs:</td><td>0</td></tr> </table>	content:	simple	minOccurs:	0
content:	simple				
minOccurs:	0				
Source	<pre> <xs:element minOccurs="0" name="description" type="xs:string"> <xs:annotation> <xs:documentation source="California Preservation Service Metadata Guidelines" xml:lang="en">Description or content summary.</xs:documentation> </xs:annotation> </xs:element> </pre>				

Element CollectionReference / DescriptionDocument / DublinCore / publisher

Namespace	http://calpreservation.org/projects/audiovisual-preservation/dcscheme.html
Annotations	<p>California Preservation Service Metadata Guidelines</p> <p>Person or organization primarily responsible for distributing or making an object available to others. Publisher may be a person, a business, organization, group, project or service. Format: Last Name, First Name. Separate multiple names with a semicolon. Please use controlled vocabulary if applicable. Vocabulary: Library of Congress Name Authority File http://authorities.loc.gov/</p>
Diagram	

Type	xs:string
Properties	content: simple
	minOccurs: 0
	maxOccurs: unbounded
Source	<pre><xs:element maxOccurs="unbounded" minOccurs="0" name="publisher" type="xs:string"> <xs:annotation> <xs:documentation source="California Preservation Service Metadata Guidelines" xml:lang="en">Person or organization primarily responsible for distributing or making an object available to others. Publisher may be a person, a business, organization, group, project or service. Format: Last Name, First Name. Separate multiple names with a semicolon. Please use controlled vocabulary if applicable. Vocabulary: Library of Congress Name Authority File http:// authorities.loc.gov/</xs:documentation> </xs:annotation> </xs:element></pre>

Element CollectionReference / DescriptionDocument / DublinCore / contributor

Namespace	http://calpreservation.org/projects/audiovisual-preservation/dcscheme.html
Annotations	<p>California Preservation Service Metadata Guidelines</p> <p>Person(s) or organizations responsible for contributing to an object. Format: Last Name, First Name. Separate multiple names with a semicolon. Please use controlled vocabulary if applicable. Vocabulary: Library of Congress Name Authority File http://authorities.loc.gov/</p>
Diagram	
Type	xs:string
Properties	content: simple
	minOccurs: 0
	maxOccurs: unbounded
Source	<pre><xs:element maxOccurs="unbounded" minOccurs="0" name="contributor" type="xs:string"> <xs:annotation> <xs:documentation source="California Preservation Service Metadata Guidelines" xml:lang="en">Person(s) or organizations responsible for contributing to an object. Format: Last Name, First Name. Separate multiple names with a semicolon. Please use controlled vocabulary if applicable. Vocabulary: Library of Congress Name Authority File http://authorities.loc.gov/</ xs:documentation> </xs:annotation> </xs:element></pre>

Element CollectionReference / DescriptionDocument / DublinCore / date

Namespace	http://calpreservation.org/projects/audiovisual-preservation/dcscheme.html
Annotations	<p>California Preservation Service Metadata Guidelines</p> <p>Date created. Enter YYYY-MM-DD. If unknown, enter "Unknown."</p>
Diagram	
Type	xs:string
Properties	content: simple
	minOccurs: 0
	maxOccurs: unbounded
Source	<pre><xs:element maxOccurs="unbounded" minOccurs="0" name="date" type="xs:string"> <xs:annotation> <xs:documentation source="California Preservation Service Metadata Guidelines" xml:lang="en">Date created. Enter YYYY-MM-DD. If unknown, enter "Unknown."</xs:documentation> </xs:annotation> </xs:element></pre>

Element CollectionReference / DescriptionDocument / DublinCore / type

Namespace	http://calpreservation.org/projects/audiovisual-preservation/dcscheme.html
Annotations	California Preservation Service Metadata Guidelines Please use controlled Vocabulary: Moving Image; Sound; Text; Still Image.
Diagram	
Type	xs:string
Properties	content: simple minOccurs: 1
Source	<pre><xs:element minOccurs="1" name="type" type="xs:string"> <xs:annotation> <xs:documentation source="California Preservation Service Metadata Guidelines" xml:lang="en">Please use controlled Vocabulary: Moving Image; Sound; Text; Still Image.</xs:documentation> </xs:annotation> </xs:element></pre>

Element CollectionReference / DescriptionDocument / DublinCore / format

Namespace	http://calpreservation.org/projects/audiovisual-preservation/dcscheme.html
Annotations	California Preservation Service Metadata Guidelines Non A/V controlled vocabulary: Book; Broadside (notice); Drawing (visual work); Engraving (print); Lithograph; Manuscript (document genre); Map (document); Newspaper; Photograph. See controlled vocabulary for A/V: http://metadataregistry.org/concept/list/vocabulary_id/145.html
Diagram	
Type	xs:string
Properties	content: simple minOccurs: 0
Source	<pre><xs:element minOccurs="0" name="format" type="xs:string"> <xs:annotation> <xs:documentation source="California Preservation Service Metadata Guidelines" xml:lang="en">Non A/V controlled vocabulary: Book; Broadside (notice); Drawing (visual work); Engraving (print); Lithograph; Manuscript (document genre); Map (document); Newspaper; Photograph. See controlled vocabulary for A/V: http://metadataregistry.org/concept/list/vocabulary_id/145.html</xs:documentation> </xs:annotation> </xs:element></pre>

Element CollectionReference / DescriptionDocument / DublinCore / identifier

Namespace	http://calpreservation.org/projects/audiovisual-preservation/dcscheme.html
Annotations	California Preservation Service Metadata Guidelines To be supplied by the California Preservation Service.
Diagram	
Type	xs:string
Properties	content: simple

	minOccurs: 0
	maxOccurs: unbounded
Source	<pre><xs:element maxOccurs="unbounded" minOccurs="0" name="identifier" type="xs:string"> <xs:annotation> <xs:documentation source="California Preservation Service Metadata Guidelines" xml:lang="en">To be supplied by the California Preservation Service.</xs:documentation> </xs:annotation> </xs:element></pre>

Element CollectionReference / DescriptionDocument / DublinCore / source

Namespace	http://calpreservation.org/projects/audiovisual-preservation/dcscheme.html				
Annotations	California Preservation Service Metadata Guidelines Name of owning institution.				
Diagram	<p>The diagram shows the 'source' element as a complex type that extends 'xs:string'. It has two attributes: 'url' (restriction of 'xs:anyURI') and 'type' (xs:string). A callout for 'xs:string' explains it is a built-in primitive type for character strings in XML.</p>				
Type	extension of xs:string				
Properties	content:	complex			
	maxOccurs:	unbounded			
Attributes	QName	Type	Fixed	Default	Use
	type	xs:string			required
	url	restriction of xs:anyURI			optional
Source	<pre><xs:element maxOccurs="unbounded" name="source"> <xs:annotation> <xs:documentation source="California Preservation Service Metadata Guidelines" xml:lang="en">Name of owning institution.</xs:documentation> </xs:annotation> <xs:complexType> <xs:simpleContent> <xs:extension base="xs:string"> <xs:attribute name="url"> <xs:simpleType> <xs:restriction base="xs:anyURI"> <xs:pattern value="https?:/.+/" /> </xs:restriction> </xs:simpleType> </xs:attribute> <xs:attribute name="type" type="xs:string" use="required" /> </xs:extension> </xs:simpleContent> </xs:complexType> </xs:element></pre>				

Element CollectionReference / DescriptionDocument / DublinCore / language

Namespace	http://calpreservation.org/projects/audiovisual-preservation/dcscheme.html				
Annotations	California Preservation Service Metadata Guidelines If English, enter "eng." Please use controlled vocabulary. Vocabulary: ISO 639.2 Codes for Names of Languages http://www.loc.gov/standards/iso639-2/php/code_list.php				
Diagram	<p>The diagram shows the 'language' element as a simple type that extends 'xs:string'. A callout explains that if English, enter "eng." and to use controlled vocabulary (ISO 639.2 Codes for Names of Languages).</p>				

Type	xs:string
Properties	content: simple
	minOccurs: 0
	maxOccurs: unbounded
Source	<pre><xs:element maxOccurs="unbounded" minOccurs="0" name="language" type="xs:string"> <xs:annotation> <xs:documentation source="California Preservation Service Metadata Guidelines" xml:lang="en">If English, enter "eng." Please use controlled vocabulary. Vocabulary: ISO 639.2 Codes for Names of Languages http://www.loc.gov/standards/iso639-2/php/code_list.php</xs:documentation> </xs:annotation> </xs:element></pre>

Element CollectionReference / DescriptionDocument / DublinCore / relation

Namespace	http://calpreservation.org/projects/audiovisual-preservation/dcscheme.html
Annotations	<p>California Preservation Service Metadata Guidelines</p> <p>List related Title(s) or Identifier(s) if object shares an intellectual bond with another object or belongs in a series.</p>
Diagram	<p>Diagram illustrating the 'relation' element structure. It is a simple type extension of 'xs:string'. The 'relation' box is connected to the 'xs:string' box. A callout for 'relation' describes its purpose. A callout for 'xs:string' describes it as a built-in primitive type.</p>
Type	xs:string
Properties	content: simple
	minOccurs: 0
	maxOccurs: 1
Source	<pre><xs:element maxOccurs="1" minOccurs="0" name="relation" type="xs:string"> <xs:annotation> <xs:documentation source="California Preservation Service Metadata Guidelines" xml:lang="en">List related Title(s) or Identifier(s) if object shares an intellectual bond with another object or belongs in a series.</xs:documentation> </xs:annotation> </xs:element></pre>

Element CollectionReference / DescriptionDocument / DublinCore / coverage

Namespace	http://calpreservation.org/projects/audiovisual-preservation/dcscheme.html				
Annotations	<p>California Preservation Service Metadata Guidelines</p> <p>Identifies a span of space that is expressed by the intellectual content of a media item. Please use controlled vocabulary, if applicable. Vocabulary: Library of Congress Subject Headings: http://authorities.loc.gov/</p>				
Diagram	<p>The diagram illustrates the 'coverage' element structure. It is a complex type extension of 'xs:string'. The 'coverage' box is connected to the 'xs:string' box. A callout for 'coverage' describes its purpose. A callout for 'xs:string' describes it as a built-in primitive type. A callout for 'attributes' shows a 'type' attribute of type 'xs:string'.</p>				
Type	extension of xs:string				
Properties	content:	complex			
	minOccurs:	1			
	maxOccurs:	unbounded			
Attributes	QName	Type	Fixed	Default	Use
	type	xs:string			optional
Source	<xs:element maxOccurs="unbounded" minOccurs="1" name="coverage">				

```

<xs:annotation>
  <xs:documentation source="California Preservation Service Metadata Guidelines"
    xml:lang="en">Identifies a span of space that is expressed by the intellectual content of a media
    item. Please use controlled vocabulary, if applicable. Vocabulary: Library of Congress Subject
    Headings: http://authorities.loc.gov/</xs:documentation>
</xs:annotation>
<xs:complexType>
  <xs:simpleContent>
    <xs:extension base="xs:string">
      <xs:attribute name="type" type="xs:string"/>
    </xs:extension>
  </xs:simpleContent>
</xs:complexType>
</xs:element>

```

Element CollectionReference / DescriptionDocument / DublinCore / rights

Namespace	http://calpreservation.org/projects/audiovisual-preservation/dcscheme.html
Annotations	<p>California Preservation Service Metadata Guidelines</p> <p>Three boilerplate statements are supplied – amend the statements as needed:</p> <p>1) Public domain. No restrictions on use.</p> <p>2) Copyrighted. Rights are owned by [Library/Archive or Copyright Holder]. Copyright Holder has given Institution permission to provide access to the digitized work online. Transmission or reproduction of materials protected by copyright beyond that allowed by fair use requires the written permission of the copyright owner. In addition, the reproduction of some materials may be restricted by terms of gift or purchase agreements, donor restrictions, privacy and publicity rights, licensing and trademarks. Works not in the public domain cannot be commercially exploited without permission of the copyright owner. Responsibility for any use rests exclusively with the user.</p> <p>3) Copyright status unknown. This work may be protected by the U.S. Copyright Law (Title 17, U.S.C.). In addition, its reproduction may be restricted by terms of gift or purchase agreements, donor restrictions, privacy and publicity rights, licensing and trademarks. This work is accessible for purposes of education and research. Transmission or reproduction of works protected by copyright beyond that allowed by fair use requires the written permission of the copyright owners. Works not in the public domain cannot be commercially exploited without permission of the copyright owner. Responsibility for any use rests exclusively with the user. [Library/Archive] attempted to find rights owners without success but is eager to hear from them so that we may obtain permission, if needed. Upon request to[emai] at Library/Archive], digitized works can be removed from public view if there are rights issues that need to be resolved</p>
Diagram	<p>The diagram illustrates the 'rights' element as a complex type that extends from the 'xs:string' primitive type. A callout box states: 'Built-in primitive type. The string datatype represents character strings in XML.' Another callout box notes: 'Three boilerplate statements are supplied – amend the statements as needed: 1) Public domain. No restrictions on use....'</p>
Type	xs:string
Properties	content: simple
Source	<pre> <xs:element name="rights" type="xs:string"> <xs:annotation> <xs:documentation source="California Preservation Service Metadata Guidelines" xml:lang="en">Three boilerplate statements are supplied – amend the statements as needed: 1) Public domain. No restrictions on use. 2) Copyrighted. Rights are owned by [Library/Archive or Copyright Holder]. Copyright Holder has given Institution permission to provide access to the digitized work online. Transmission or reproduction of materials protected by copyright beyond that allowed by fair use requires the written permission of the copyright owner. In addition, the reproduction of some materials may be restricted by terms of gift or purchase agreements, donor restrictions, privacy and publicity rights, licensing and trademarks. Works not in the public domain cannot be commercially exploited without permission of the copyright owner. Responsibility for any use rests exclusively with the user. 3) Copyright status unknown. This work may be protected by the U.S. Copyright Law (Title 17, U.S.C.). In addition, its reproduction may be restricted by terms of gift or purchase agreements, donor restrictions, privacy and publicity rights, licensing and trademarks. This work is accessible for purposes of education and research. Transmission or reproduction of works protected by copyright beyond that allowed by fair use requires the written permission of the copyright owners. Works not in the public domain cannot be commercially exploited without permission of the copyright owner. Responsibility for any use rests exclusively with the user. [Library/Archive] attempted to find rights owners without success but is eager to hear from them so that we may obtain permission, if needed. Upon request to[emai] at Library/Archive], digitized works can be removed from public view if there are rights issues that need to be resolved</ </xs:documentation> </xs:annotation> </xs:element> </pre>

Element CollectionReference / DescriptionDocument / Assets

Namespace	http://calpreservation.org/projects/audiovisual-preservation/dcscheme.html
Annotations	<p>California Preservation Service Metadata Guidelines</p> <p>The Assets element allows grouping of PREMIS-like and technical metadata about the record's physical object and object's digital surrogates.</p>
Diagram	<p>The Assets element allows grouping of PREMIS-like and technical metadata about the record's physical object and...</p> <ul style="list-style-type: none"> objectID (Type: xs:string): Unique identifier to be supplied by the California Preservation Service. projectID (Type: xs:string): Project identifier be supplied by the California Preservation Service. physicalLocation (Type: xs:string): Name of owning institution. dimensionsHeight (Type: extension of 'xs:decimal'): The DimensionsHeight element describes the height of the physical object which is qualified by a unit attribute. dimensionsWidth (Type: extension of 'xs:decimal'): The DimensionsWidth element describes the width of the physical object which is qualified by a unit attribute. color (Type: xs:string): The color element describes whether the physical object made up of content that is black and white, color, or a mixture. hasParts (Type: xs:string): Describes the object's total number of parts. For example, "1 page" or "3 pages of 3." additionalDescription (Type: xs:string): Additional descriptive notes about the object that do not fit into fields above. AssetPart: The AssetPart element allows for grouping of the various parts in a record, allowing the representation of complex...
Properties	content: complex
Model	objectID , projectID , physicalLocation , dimensionsHeight{0,1} , dimensionsWidth{0,1} , color , hasParts , additionalDescription , AssetPart
Children	AssetPart, additionalDescription, color, dimensionsHeight, dimensionsWidth, hasParts, objectID, physicalLocation, projectID
Instance	<pre><Assets xmlns="http://calpreservation.org/projects/audiovisual-preservation/dcscheme.html"> <objectID>{1,1}</objectID> <projectID>{1,1}</projectID> <physicalLocation>{1,1}</physicalLocation> <dimensionsHeight unit="">{0,1}</dimensionsHeight> <dimensionsWidth unit="">{0,1}</dimensionsWidth> <color>{1,1}</color> <hasParts>{1,1}</hasParts> <additionalDescription>{1,1}</additionalDescription> <AssetPart>{1,1}</AssetPart> </Assets></pre>
Source	<pre><xs:element name="Assets"> <xs:annotation> <xs:documentation source="California Preservation Service Metadata Guidelines" xml:lang="en">The Assets element allows grouping of PREMIS-like and technical metadata about the record's physical object and object's digital surrogates.</xs:documentation></pre>

```

</xs:annotation>
<xs:complexType>
  <xs:sequence>
    <xs:element name="objectID" type="xs:string">
      <xs:annotation>
        <xs:documentation source="California Preservation Service Metadata Guidelines"
xml:lang="en">Unique identifier to be supplied by the California Preservation Service.</
xs:documentation>
      </xs:annotation>
    </xs:element>
    <xs:element name="projectID" type="xs:string">
      <xs:annotation>
        <xs:documentation source="California Preservation Service Metadata Guidelines"
xml:lang="en">Project identifier be supplied by the California Preservation Service.</
xs:documentation>
      </xs:annotation>
    </xs:element>
    <xs:element name="physicalLocation" type="xs:string">
      <xs:annotation>
        <xs:documentation source="California Preservation Service Metadata Guidelines"
xml:lang="en">Name of owning institution.</xs:documentation>
      </xs:annotation>
    </xs:element>
    <xs:element name="dimensionsHeight" minOccurs="0">
      <xs:annotation>
        <xs:documentation source="California Preservation Service Metadata Guidelines"
xml:lang="en">The DimensionsHeight element describes the height of the physical object which is
qualified by a unit attribute.</xs:documentation>
      </xs:annotation>
      <xs:complexType>
        <xs:simpleContent>
          <xs:extension base="xs:decimal">
            <xs:attribute name="unit" type="xs:string" use="required">
              <xs:annotation>
                <xs:documentation source="California Preservation Service Metadata Guidelines"
xml:lang="en">Represent the unit used to measure the physical item. Should be a physical unit
and words spelled out instead of using abbreviations. For example: inches and centimeters.</
xs:documentation>
              </xs:annotation>
            </xs:attribute>
          </xs:extension>
        </xs:simpleContent>
      </xs:complexType>
    </xs:element>
    <xs:element name="dimensionsWidth" minOccurs="0">
      <xs:annotation>
        <xs:documentation source="California Preservation Service Metadata Guidelines"
xml:lang="en">The DimensionsWidth element describes the width of the physical object which is
qualified by a unit attribute.</xs:documentation>
      </xs:annotation>
      <xs:complexType>
        <xs:simpleContent>
          <xs:extension base="xs:decimal">
            <xs:attribute name="unit" type="xs:string" use="required">
              <xs:annotation>
                <xs:documentation source="California Preservation Service Metadata Guidelines"
xml:lang="en">Represent the unit used to measure the physical item. Should be a physical unit
and words spelled out instead of using abbreviations. For example: inches and centimeters.</
xs:documentation>
              </xs:annotation>
            </xs:attribute>
          </xs:extension>
        </xs:simpleContent>
      </xs:complexType>
    </xs:element>
    <xs:element name="color" type="xs:string">
      <xs:annotation>
        <xs:documentation source="California Preservation Service Metadata Guidelines"
xml:lang="en">The color element describes whether the physical object made up of content that is
black and white, color, or a mixture.</xs:documentation>
      </xs:annotation>
    </xs:element>
    <xs:element name="hasParts" type="xs:string">
      <xs:annotation>
        <xs:documentation source="California Preservation Service Metadata Guidelines"
xml:lang="en">Describes the object's total number of parts. For example, "1 page" or "3 pages of
3."</xs:documentation>
      </xs:annotation>
    </xs:element>
    <xs:element name="additionalDescription" type="xs:string">
      <xs:annotation>

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```

        <xs:documentation source="California Preservation Service Metadata Guidelines"
xml:lang="en">Additional descriptive notes about the object that do not fit into fields above.</
xs:documentation>
    </xs:annotation>
</xs:element>
<xs:element maxOccurs="1" name="AssetPart">
    <xs:annotation>
        <xs:documentation source="California Preservation Service Metadata Guidelines"
xml:lang="en">The AssetPart element allows for grouping of the various parts in a record, allowing
the representation of complex object.</xs:documentation>
    </xs:annotation>
    <xs:complexType>
        <xs:sequence>
            <xs:element name="Instantiations" maxOccurs="unbounded">
                <xs:annotation>
                    <xs:documentation source="California Preservation Service Metadata Guidelines"
xml:lang="en">The Instantiations element allows for the grouping of all the instantiations for a
given asset.</xs:documentation>
                </xs:annotation>
                <xs:complexType>
                    <xs:sequence>
                        <xs:element name="Instantiation" maxOccurs="unbounded">
                            <xs:complexType>
                                <xs:sequence>
                                    <xs:element name="fileName">
                                        <xs:annotation>
                                            <xs:documentation source="California Preservation Service Metadata
Guidelines" xml:lang="en">Name of the digital file with the file extension.</xs:documentation>
                                        </xs:annotation>
                                        <xs:complexType>
                                            <xs:simpleContent>
                                                <xs:extension base="xs:string">
                                                    <xs:attribute name="unit">
                                                        <xs:annotation>
                                                            <xs:documentation source="California Preservation Service
Metadata Guidelines" xml:lang="en">The unit used for the file size using the initials only. For
example: MB for megabytes and b for bits.</xs:documentation>
                                                        </xs:annotation>
                                                    </xs:attribute>
                                                </xs:extension>
                                            </xs:simpleContent>
                                        </xs:complexType>
                                    </xs:element>
                                    <xs:element name="fileSize">
                                        <xs:annotation>
                                            <xs:documentation source="California Preservation Service Metadata
Guidelines" xml:lang="en">The size of the digital file as a decimal or a whole number only.
Qualified by a file size unit attribute.</xs:documentation>
                                        </xs:annotation>
                                        <xs:complexType>
                                            <xs:simpleContent>
                                                <xs:extension base="xs:decimal">
                                                    <xs:attribute name="unit">
                                                        <xs:annotation>
                                                            <xs:documentation source="California Preservation Service
Metadata Guidelines" xml:lang="en">Unit should contain the full name and not an abbreviation. For
example: megabytes instead of MB.</xs:documentation>
                                                        </xs:annotation>
                                                    </xs:attribute>
                                                </xs:extension>
                                            </xs:simpleContent>
                                        </xs:complexType>
                                    </xs:element>
                                    <xs:element name="checksum">
                                        <xs:annotation>
                                            <xs:documentation source="California Preservation Service Metadata
Guidelines" xml:lang="en">Contains the hash value of a checksum verification algorithm. Qualified
by a type attribute.</xs:documentation>
                                        </xs:annotation>
                                        <xs:complexType>
                                            <xs:simpleContent>
                                                <xs:extension base="xs:string">
                                                    <xs:attribute name="type">
                                                        <xs:annotation>
                                                            <xs:documentation>Represents the type of checksum algorithm
used.</xs:documentation>
                                                        </xs:annotation>
                                                    </xs:attribute>
                                                </xs:extension>
                                            </xs:simpleContent>
                                        </xs:complexType>
                                    </xs:element>
                                    <xs:element name="derivedFrom" type="xs:string">

```

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        <xs:annotation>
          <xs:documentation source="California Preservation Service Metadata
Guidelines" xml:lang="en">Refers to the source of instantiation. This will be designated by
Physical Object for preservation masters and the file name it was derived from for access
files.</xs:documentation>
        </xs:annotation>
      </xs:element>
    <xs:element name="Technical">
      <xs:complexType>
        <xs:sequence>
          <xs:element name="fileFormat" type="xs:string">
            <xs:annotation>
              <xs:documentation source="California Preservation Service Metadata
Guidelines" xml:lang="en">Specifies the MIME type of the file.</xs:documentation>
            </xs:annotation>
          </xs:element>
          <xs:element name="imageFormat" type="xs:string"/>
          <xs:element name="resolutionWidth">
            <xs:annotation>
              <xs:documentation source="California Preservation Service
Metadata Guidelines">Specifies the x dimensions of the digital file. Qualified with a unit.</
xs:documentation>
            </xs:annotation>
          </xs:element>
          <xs:complexType>
            <xs:simpleContent>
              <xs:extension base="xs:nonNegativeInteger">
                <xs:attribute name="unit" use="required" type="xs:string">
                  <xs:annotation>
                    <xs:documentation source="California Preservation Service
Metadata Guidelines" xml:lang="en">Almost always pixels.</xs:documentation>
                  </xs:annotation>
                </xs:attribute>
              </xs:extension>
            </xs:simpleContent>
          </xs:complexType>
        </xs:element>
        <xs:element name="resolutionHeight">
          <xs:annotation>
            <xs:documentation source="California Preservation Service Metadata
Guidelines" xml:lang="en">Specifies the y dimensions of the digital file. Qualified with a unit.</
xs:documentation>
          </xs:annotation>
        </xs:element>
        <xs:complexType>
          <xs:simpleContent>
            <xs:extension base="xs:nonNegativeInteger">
              <xs:attribute name="unit" use="required" type="xs:string">
                <xs:annotation>
                  <xs:documentation source="California Preservation Service
Metadata Guidelines" xml:lang="en">Almost always pixels.</xs:documentation>
                </xs:annotation>
              </xs:attribute>
            </xs:extension>
          </xs:simpleContent>
        </xs:complexType>
      </xs:element>
      <xs:element minOccurs="1" name="colorSpace">
        <xs:annotation>
          <xs:documentation source="California Preservation Service
Metadata Guidelines" xml:lang="en">Specifies the type of color space used by the digital file.</
xs:documentation>
        </xs:annotation>
      </xs:element>
      <xs:simpleType>
        <xs:restriction base="xs:string"/>
      </xs:simpleType>
    </xs:element>
    <xs:element minOccurs="0" name="chromaSubsampling">
      <xs:annotation>
        <xs:documentation source="California Preservation Service
Metadata Guidelines" xml:lang="en">Specifies the Chroma Subsampling as a ratio in the format
integer:integer:integer. For example 4:2:2. All other formatted values will be considered invalid.
In the absence of subsampling, the value of this element is 4:4:4.</xs:documentation>
      </xs:annotation>
    </xs:element>
    <xs:simpleType>
      <xs:restriction base="xs:NMTOKEN">
        <xs:pattern value="\d+:\d+:\d+"/>
      </xs:restriction>
    </xs:simpleType>
  </xs:element>
  <xs:element name="colorDepth">
    <xs:annotation>
      <xs:documentation source="California Preservation Service Metadata
Guidelines" xml:lang="en">The bit depth per channel. Qualified with a unit.</xs:documentation>
    </xs:annotation>
  </xs:element>

```



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<xs:complexType>
  <xs:simpleContent>
    <xs:extension base="xs:nonNegativeInteger">
      <xs:attribute name="unit" type="xs:string" use="required" />
    </xs:extension>
  </xs:simpleContent>
</xs:complexType>
</xs:element>
<xs:element name="compressionMode">
  <xs:annotation>
    <xs:documentation source="California Preservation Service Metadata
Guidelines" xml:lang="en">Designates the type of compression. Only values accepted are Lossless,
Lossy, Uncompressed, or Unknown. All other values will be considered as invalid.</xs:documentation>
  </xs:annotation>
  <xs:simpleType>
    <xs:restriction base="xs:string">
      <xs:enumeration value="Lossless" />
      <xs:enumeration value="Lossy" />
      <xs:enumeration value="Uncompressed" />
      <xs:enumeration value="Unknown" />
    </xs:restriction>
  </xs:simpleType>
</xs:element>
<xs:element minOccurs="0" name="additionalTechnicalNotes"
type="xs:string">
  <xs:annotation>
    <xs:documentation source="California Preservation Service Metadata
Guidelines">California Preservation Service Metadata Guidelines</xs:documentation>
  </xs:annotation>
</xs:element>
</xs:sequence>
</xs:complexType>
</xs:element>
</xs:sequence>
<xs:attribute name="generation" type="xs:string" use="required">
  <xs:annotation>
    <xs:documentation source="California Preservation Service Metadata
Guidelines" xml:lang="en">Represents the generation and use classification of the file. The most
common values used will be Preservation and Access.</xs:documentation>
  </xs:annotation>
</xs:attribute>
</xs:complexType>
</xs:element>
</xs:sequence>
<xs:attribute name="relationship" use="required" />
</xs:complexType>
</xs:element>
</xs:sequence>
</xs:complexType>
</xs:element>
</xs:sequence>
</xs:complexType>
</xs:element>

```

Element CollectionReference / DescriptionDocument / Assets / objectID

Namespace	http://calpreservation.org/projects/audiovisual-preservation/dcscheme.html
Annotations	<p>California Preservation Service Metadata Guidelines</p> <p>Unique identifier to be supplied by the California Preservation Service.</p>
Diagram	
Type	xs:string
Properties	content: simple
Source	<pre> <xs:element name="objectID" type="xs:string"> <xs:annotation> <xs:documentation source="California Preservation Service Metadata Guidelines" xml:lang="en">Unique identifier to be supplied by the California Preservation Service.</ xs:documentation> </xs:annotation> </xs:element> </pre>

Element CollectionReference / DescriptionDocument / Assets / projectID

Namespace	http://calpreservation.org/projects/audiovisual-preservation/dcscheme.html		
Annotations	California Preservation Service Metadata Guidelines Project identifier be supplied by the California Preservation Service.		
Diagram			
Type	xs:string		
Properties	content:	simple	
Source	<pre><xs:element name="projectID" type="xs:string"> <xs:annotation> <xs:documentation source="California Preservation Service Metadata Guidelines" xml:lang="en">Project identifier be supplied by the California Preservation Service.</ xs:documentation> </xs:annotation> </xs:element></pre>		

Element CollectionReference / DescriptionDocument / Assets / physicalLocation

Namespace	http://calpreservation.org/projects/audiovisual-preservation/dcscheme.html		
Annotations	California Preservation Service Metadata Guidelines Name of owning institution.		
Diagram			
Type	xs:string		
Properties	content:	simple	
Source	<pre><xs:element name="physicalLocation" type="xs:string"> <xs:annotation> <xs:documentation source="California Preservation Service Metadata Guidelines" xml:lang="en">Name of owning institution.</xs:documentation> </xs:annotation> </xs:element></pre>		

Element CollectionReference / DescriptionDocument / Assets / dimensionsHeight

Namespace	http://calpreservation.org/projects/audiovisual-preservation/dcscheme.html				
Annotations	California Preservation Service Metadata Guidelines				
	The DimensionsHeight element describes the height of the physical object which is qualified by a unit attribute.				
Diagram	<pre>classDiagram class dimensionsHeight { Type extension of 'xs:decimal' } class xsdecimal["xs:decimal"] { Built-in primitive type. The decimal datatype represents arbitrary precision decimal numbers. } class attributes { unit } class unit { Type xs:string Represent the unit used to measure the physical item. Should be a physical unit and words spelled out instead of using... } dimensionsHeight -- xsdecimal dimensionsHeight -- attributes attributes -- unit</pre>				
Type	extension of xs:decimal				
Properties	content: complex				
	minOccurs: 0				
Attributes	QName	Type	Fixed	Default	Use
	unit	xs:string			required

	QName	Type	Fixed	Default	Use
		California Preservation Service Metadata Guidelines Represent the unit used to measure the physical item. Should be a physical unit and words spelled out instead of using abbreviations. For example: inches and centimeters.			
Source	<pre> <xs:element name="dimensionsHeight" minOccurs="0"> <xs:annotation> <xs:documentation source="California Preservation Service Metadata Guidelines" xml:lang="en">The DimensionsHeight element describes the height of the physical object which is qualified by a unit attribute.</xs:documentation> </xs:annotation> <xs:complexType> <xs:simpleContent> <xs:extension base="xs:decimal"> <xs:attribute name="unit" type="xs:string" use="required"> <xs:annotation> <xs:documentation source="California Preservation Service Metadata Guidelines" xml:lang="en">Represent the unit used to measure the physical item. Should be a physical unit and words spelled out instead of using abbreviations. For example: inches and centimeters.</ xs:documentation> </xs:annotation> </xs:attribute> </xs:extension> </xs:simpleContent> </xs:complexType> </xs:element> </pre>				

Element CollectionReference / DescriptionDocument / Assets / dimensionsWidth

Namespace	http://calpreservation.org/projects/audiovisual-preservation/dcscheme.html																	
Annotations	<div>California Preservation Service Metadata Guidelines</div> <div>The DimensionsWidth element describes the width of the physical object which is qualified by a unit attribute.</div>																	
Diagram	<pre>graph TD dimensionsWidth["dimensionsWidth
Type: extension of 'xs:decimal'"] xsDecimal["xs:decimal
Built-in primitive type. The decimal datatype represents arbitrary precision decimal numbers."] unit["unit
Type: xs:string
Represent the unit used to measure the physical item. Should be a physical unit and words spelled out instead of using..."] attributes["attributes"] dimensionsWidth -- "extension of" --> xsDecimal dimensionsWidth -- "has attribute" --> unit unit -- "is part of" --> attributes</pre>																	
Type	extension of xs:decimal																	
Properties	<table><tr><td>content:</td><td>complex</td></tr><tr><td>minOccurs:</td><td>0</td></tr></table>					content:	complex	minOccurs:	0									
content:	complex																	
minOccurs:	0																	
Attributes	<table><thead><tr><th>QName</th><th>Type</th><th>Fixed</th><th>Default</th><th>Use</th></tr></thead><tbody><tr><td>unit</td><td>xs:string</td><td></td><td></td><td>required</td></tr></tbody></table>	QName	Type	Fixed	Default	Use	unit	xs:string			required	<table><tr><td>California Preservation Service Metadata Guidelines</td></tr><tr><td>Represent the unit used to measure the physical item. Should be a physical unit and words spelled out instead of using abbreviations.</td></tr><tr><td>For example: inches and centimeters.</td></tr></table>				California Preservation Service Metadata Guidelines	Represent the unit used to measure the physical item. Should be a physical unit and words spelled out instead of using abbreviations.	For example: inches and centimeters.
QName	Type	Fixed	Default	Use														
unit	xs:string			required														
California Preservation Service Metadata Guidelines																		
Represent the unit used to measure the physical item. Should be a physical unit and words spelled out instead of using abbreviations.																		
For example: inches and centimeters.																		
Source	<pre><xs:element name="dimensionsWidth" minOccurs="0"> <xs:annotation> <xs:documentation source="California Preservation Service Metadata Guidelines" xml:lang="en">The DimensionsWidth element describes the width of the physical object which is qualified by a unit attribute.</xs:documentation> </xs:annotation> <xs:complexType> <xs:simpleContent> <xs:extension base="xs:decimal"> <xs:attribute name="unit" type="xs:string" use="required"> <xs:annotation> <xs:documentation source="California Preservation Service Metadata Guidelines" xml:lang="en">Represent the unit used to measure the physical item. Should be a physical unit</pre>																	

```

    and words spelled out instead of using abbreviations. For example: inches and centimeters.</
  <xs:documentation>
    </xs:annotation>
  </xs:attribute>
</xs:extension>
</xs:simpleContent>
</xs:complexType>
</xs:element>

```

Element CollectionReference / DescriptionDocument / Assets / color

Namespace	http://calpreservation.org/projects/audiovisual-preservation/dcscheme.html
Annotations	California Preservation Service Metadata Guidelines The color element describes whether the physical object made up of content that is black and white, color, or a mixture.
Diagram	
Type	xs:string
Properties	content: simple
Source	<pre> <xs:element name="color" type="xs:string"> <xs:annotation> <xs:documentation source="California Preservation Service Metadata Guidelines" xml:lang="en">The color element describes whether the physical object made up of content that is black and white, color, or a mixture.</xs:documentation> </xs:annotation> </xs:element> </pre>

Element CollectionReference / DescriptionDocument / Assets / hasParts

Namespace	http://calpreservation.org/projects/audiovisual-preservation/dcscheme.html
Annotations	California Preservation Service Metadata Guidelines Describes the object's total number of parts. For example, "1 page" or "3 pages of 3."
Diagram	
Type	xs:string
Properties	content: simple
Source	<pre> <xs:element name="hasParts" type="xs:string"> <xs:annotation> <xs:documentation source="California Preservation Service Metadata Guidelines" xml:lang="en">Describes the object's total number of parts. For example, "1 page" or "3 pages of 3."</xs:documentation> </xs:annotation> </xs:element> </pre>

Element CollectionReference / DescriptionDocument / Assets / additionalDescription

Namespace	http://calpreservation.org/projects/audiovisual-preservation/dcscheme.html
Annotations	California Preservation Service Metadata Guidelines Additional descriptive notes about the object that do not fit into fields above.
Diagram	
Type	xs:string

Properties	content: simple
Source	<pre><xs:element name="additionalDescription" type="xs:string"> <xs:annotation> <xs:documentation source="California Preservation Service Metadata Guidelines" xml:lang="en">Additional descriptive notes about the object that do not fit into fields above.</ </xs:annotation> </xs:element></pre>

Element CollectionReference / DescriptionDocument / Assets / AssetPart

Namespace	http://calpreservation.org/projects/audiovisual-preservation/dcscheme.html
Annotations	<p>California Preservation Service Metadata Guidelines</p> <p>The AssetPart element allows for grouping of the various parts in a record, allowing the representation of complex object.</p>
Diagram	<pre> classDiagram class AssetPart class Instantiations AssetPart "1" -- "1..∞" Instantiations </pre> <p>The AssetPart element allows for grouping of the various parts in a record, allowing the representation of complex...</p> <p>The Instantiations element allows for the grouping of all the instantiations for a given asset.</p>
Properties	<p>content: complex</p> <p>maxOccurs: 1</p>
Model	Instantiations+
Children	Instantiations
Instance	<pre><AssetPart xmlns="http://calpreservation.org/projects/audiovisual-preservation/dcscheme.html"> <Instantiations relationship="">{1,unbounded}</Instantiations> </AssetPart></pre>
Source	<pre><xs:element maxOccurs="1" name="AssetPart"> <xs:annotation> <xs:documentation source="California Preservation Service Metadata Guidelines" xml:lang="en">The AssetPart element allows for grouping of the various parts in a record, allowing the representation of complex object.</xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence> <xs:element name="Instantiations" maxOccurs="unbounded"> <xs:annotation> <xs:documentation source="California Preservation Service Metadata Guidelines" xml:lang="en">The Instantiations element allows for the grouping of all the instantiations for a given asset.</xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence> <xs:element name="Instantiation" maxOccurs="unbounded"> <xs:complexType> <xs:sequence> <xs:element name="fileName"> <xs:annotation> <xs:documentation source="California Preservation Service Metadata Guidelines" xml:lang="en">Name of the digital file with the file extension.</xs:documentation> </xs:annotation> <xs:complexType> <xs:simpleContent> <xs:extension base="xs:string"> <xs:attribute name="unit"> <xs:annotation> <xs:documentation source="California Preservation Service Metadata Guidelines" xml:lang="en">The unit used for the file size using the initials only. For example: MB for megabytes and b for bits.</xs:documentation> </xs:annotation> </xs:attribute> </xs:extension> </xs:simpleContent> </xs:complexType> </xs:element> <xs:element name="fileSize"> <xs:annotation> <xs:documentation source="California Preservation Service Metadata Guidelines" xml:lang="en">The size of the digital file as a decimal or a whole number only. Qualified by a file size unit attribute.</xs:documentation> </xs:annotation> <xs:complexType> <xs:simpleContent> <xs:extension base="xs:string"> <xs:attribute name="unit"> <xs:annotation> <xs:documentation source="California Preservation Service Metadata Guidelines" xml:lang="en">The unit used for the file size using the initials only. For example: MB for megabytes and b for bits.</xs:documentation> </xs:annotation> </xs:attribute> </xs:extension> </xs:simpleContent> </xs:complexType> </xs:element> </xs:sequence> </xs:complexType> </xs:element> </xs:sequence> </xs:complexType> </xs:element> </xs:sequence> </xs:complexType> </xs:element></pre>

```

        </xs:annotation>
        <xs:complexType>
          <xs:simpleContent>
            <xs:extension base="xs:decimal">
              <xs:attribute name="unit">
                <xs:annotation>
                  <xs:documentation source="California Preservation Service Metadata
Guidelines" xml:lang="en">Unit should contain the full name and not an abbreviation. For example:
megabytes instead of MB.</xs:documentation>
                </xs:annotation>
              </xs:attribute>
            </xs:extension>
          </xs:simpleContent>
        </xs:complexType>
      </xs:element>
      <xs:element name="checksum">
        <xs:annotation>
          <xs:documentation source="California Preservation Service Metadata Guidelines"
xml:lang="en">Contains the hash value of a checksum verification algorithm. Qualified by a type
attribute.</xs:documentation>
        </xs:annotation>
        <xs:complexType>
          <xs:simpleContent>
            <xs:extension base="xs:string">
              <xs:attribute name="type">
                <xs:annotation>
                  <xs:documentation>Represents the type of checksum algorithm used.</
xs:documentation>
                </xs:annotation>
              </xs:attribute>
            </xs:extension>
          </xs:simpleContent>
        </xs:complexType>
      </xs:element>
      <xs:element name="derivedFrom" type="xs:string">
        <xs:annotation>
          <xs:documentation source="California Preservation Service Metadata Guidelines"
xml:lang="en">Refers to the source of instantiation. This will be designated by Physical Object for
preservation masters and the file name it was derivated from for access files.</xs:documentation>
        </xs:annotation>
      </xs:element>
      <xs:element name="Technical">
        <xs:complexType>
          <xs:sequence>
            <xs:element name="fileFormat" type="xs:string">
              <xs:annotation>
                <xs:documentation source="California Preservation Service Metadata
Guidelines" xml:lang="en">Specifies the MIME type of the file.</xs:documentation>
              </xs:annotation>
            </xs:element>
            <xs:element name="imageFormat" type="xs:string"/>
            <xs:element name="resolutionWidth">
              <xs:annotation>
                <xs:documentation source="California Preservation Service
Metadata Guidelines">Specifies the x dimensions of the digital file. Qualified with a unit.</
xs:documentation>
              </xs:annotation>
            </xs:complexType>
            <xs:simpleContent>
              <xs:extension base="xs:nonNegativeInteger">
                <xs:attribute name="unit" use="required" type="xs:string">
                  <xs:annotation>
                    <xs:documentation source="California Preservation Service
Metadata Guidelines" xml:lang="en">Almost always pixels.</xs:documentation>
                  </xs:annotation>
                </xs:attribute>
              </xs:extension>
            </xs:simpleContent>
          </xs:complexType>
        </xs:element>
        <xs:element name="resolutionHeight">
          <xs:annotation>
            <xs:documentation source="California Preservation Service Metadata
Guidelines" xml:lang="en">Specifies the y dimensions of the digital file. Qualified with a unit.</
xs:documentation>
          </xs:annotation>
        </xs:complexType>
        <xs:simpleContent>
          <xs:extension base="xs:nonNegativeInteger">
            <xs:attribute name="unit" use="required" type="xs:string">
              <xs:annotation>
                <xs:documentation source="California Preservation Service
Metadata Guidelines" xml:lang="en">Almost always pixels.</xs:documentation>
              </xs:annotation>
            </xs:extension>
          </xs:simpleContent>
        </xs:element>
      </xs:sequence>
    </xs:complexType>
  </xs:element>

```

```

        </xs:annotation>
        </xs:attribute>
        </xs:extension>
        </xs:simpleContent>
        </xs:complexType>
      </xs:element>
      <xs:element minOccurs="1" name="colorSpace">
        <xs:annotation>
          <xs:documentation source="California Preservation Service Metadata
Guidelines" xml:lang="en">Specifies the type of color space used by the digital file.</
xs:documentation>
        </xs:annotation>
        <xs:simpleType>
          <xs:restriction base="xs:string"/>
        </xs:simpleType>
      </xs:element>
      <xs:element minOccurs="0" name="chromaSubsampling">
        <xs:annotation>
          <xs:documentation source="California Preservation Service
Metadata Guidelines" xml:lang="en">Specifies the Chroma Subsampling as a ratio in the format
integer:integer:integer. For example 4:2:2. All other formatted values will be considered invalid.
In the absence of subsampling, the value of this element is 4:4:4.</xs:documentation>
        </xs:annotation>
        <xs:simpleType>
          <xs:restriction base="xs:NMTOKEN">
            <xs:pattern value="\d+:\d+:\d+"/>
          </xs:restriction>
        </xs:simpleType>
      </xs:element>
      <xs:element name="colorDepth">
        <xs:annotation>
          <xs:documentation source="California Preservation Service Metadata
Guidelines" xml:lang="en">The bit depth per channel. Qualified with a unit.</xs:documentation>
        </xs:annotation>
        <xs:complexType>
          <xs:simpleContent>
            <xs:extension base="xs:nonNegativeInteger">
              <xs:attribute name="unit" type="xs:string" use="required"/>
            </xs:extension>
          </xs:simpleContent>
        </xs:complexType>
      </xs:element>
      <xs:element name="compressionMode">
        <xs:annotation>
          <xs:documentation source="California Preservation Service Metadata
Guidelines" xml:lang="en">Designates the type of compression. Only values accepted are Lossless,
Lossy, Uncompressed, or Unknown. All other values will be considered as invalid.</xs:documentation>
        </xs:annotation>
        <xs:simpleType>
          <xs:restriction base="xs:string">
            <xs:enumeration value="Lossless"/>
            <xs:enumeration value="Lossy"/>
            <xs:enumeration value="Uncompressed"/>
            <xs:enumeration value="Unknown"/>
          </xs:restriction>
        </xs:simpleType>
      </xs:element>
      <xs:element minOccurs="0" name="additionalTechnicalNotes" type="xs:string">
        <xs:annotation>
          <xs:documentation source="California Preservation Service Metadata
Guidelines">California Preservation Service Metadata Guidelines</xs:documentation>
        </xs:annotation>
      </xs:element>
    </xs:sequence>
  </xs:complexType>
</xs:element>
</xs:sequence>
<xs:attribute name="generation" type="xs:string" use="required">
  <xs:annotation>
    <xs:documentation source="California Preservation Service Metadata Guidelines"
xml:lang="en">Represents the generation and use classification of the file. The most common values
used will be Preservation and Access.</xs:documentation>
  </xs:annotation>
</xs:attribute>
</xs:complexType>
</xs:element>
</xs:sequence>
<xs:attribute name="relationship" use="required"/>
</xs:complexType>

```



```
</xs:element>
```

Element CollectionReference / DescriptionDocument / Assets / AssetPart / Instantiations

Namespace	http://calpreservation.org/projects/audiovisual-preservation/dcscheme.html				
Annotations	<div>California Preservation Service Metadata Guidelines</div> <div>The Instantiations element allows for the grouping of all the instantiations for a given asset.</div>				
Diagram					
Properties	content:	complex			
	maxOccurs:	unbounded			
Model	Instantiation+				
Children	Instantiation				
Instance	<pre><Instantiations relationship="" xmlns="http://calpreservation.org/projects/audiovisual-preservation/dcscheme.html"> <Instantiation generation="">{1,unbounded}</Instantiation> </Instantiations></pre>				
Attributes	QName	Type	Fixed	Default	Use
	relationship				required
Source	<pre><xs:element name="Instantiations" maxOccurs="unbounded"> <xs:annotation> <xs:documentation source="California Preservation Service Metadata Guidelines" xml:lang="en">The Instantiations element allows for the grouping of all the instantiations for a given asset.</ xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence> <xs:element name="Instantiation" maxOccurs="unbounded"> <xs:complexType> <xs:sequence> <xs:element name="fileName"> <xs:annotation> <xs:documentation source="California Preservation Service Metadata Guidelines" xml:lang="en">Name of the digital file with the file extension.</xs:documentation> </xs:annotation> <xs:complexType> <xs:simpleContent> <xs:extension base="xs:string"> <xs:attribute name="unit"> <xs:annotation> <xs:documentation source="California Preservation Service Metadata Guidelines" xml:lang="en">The unit used for the file size using the initials only. For example: MB for megabytes and b for bits.</xs:documentation> </xs:annotation> </xs:attribute> </xs:extension> </xs:simpleContent> </xs:complexType> </xs:element> <xs:element name="fileSize"> <xs:annotation> <xs:documentation source="California Preservation Service Metadata Guidelines" xml:lang="en">The size of the digital file as a decimal or a whole number only. Qualified by a file size unit attribute.</xs:documentation> </xs:annotation> <xs:complexType> <xs:simpleContent> <xs:extension base="xs:decimal"> <xs:attribute name="unit"> <xs:annotation> <xs:documentation source="California Preservation Service Metadata Guidelines" xml:lang="en">Unit should contain the full name and not an abbreviation. For example: megabytes instead of MB.</xs:documentation> </xs:annotation> </xs:attribute> </xs:extension> </xs:simpleContent> </xs:complexType> </xs:element> </xs:sequence> </xs:complexType> </xs:element> </xs:sequence> </xs:complexType> </xs:element></pre>				

```

        </xs:attribute>
      </xs:extension>
    </xs:simpleContent>
  </xs:complexType>
</xs:element>
<xs:element name="checksum">
  <xs:annotation>
    <xs:documentation source="California Preservation Service Metadata Guidelines"
xml:lang="en">Contains the hash value of a checksum verification algorithm. Qualified by a type
attribute.</xs:documentation>
  </xs:annotation>
  <xs:complexType>
    <xs:simpleContent>
      <xs:extension base="xs:string">
        <xs:attribute name="type">
          <xs:annotation>
            <xs:documentation>Represents the type of checksum algorithm used.</
xs:documentation>
          </xs:annotation>
        </xs:attribute>
      </xs:extension>
    </xs:simpleContent>
  </xs:complexType>
</xs:element>
<xs:element name="derivedFrom" type="xs:string">
  <xs:annotation>
    <xs:documentation source="California Preservation Service Metadata Guidelines"
xml:lang="en">Refers to the source of instantiation. This will be designated by Physical Object for
preservation masters and the file name it was derivated from for access files.</xs:documentation>
  </xs:annotation>
</xs:element>
<xs:element name="Technical">
  <xs:complexType>
    <xs:sequence>
      <xs:element name="fileFormat" type="xs:string">
        <xs:annotation>
          <xs:documentation source="California Preservation Service Metadata Guidelines"
xml:lang="en">Specifies the MIME type of the file.</xs:documentation>
        </xs:annotation>
      </xs:element>
      <xs:element name="imageFormat" type="xs:string"/>
      <xs:element name="resolutionWidth">
        <xs:annotation>
          <xs:documentation source="California Preservation Service Metadata
Guidelines">Specifies the x dimensions of the digital file. Qualified with a unit.</
xs:documentation>
        </xs:annotation>
      </xs:complexType>
      <xs:simpleContent>
        <xs:extension base="xs:nonNegativeInteger">
          <xs:attribute name="unit" use="required" type="xs:string">
            <xs:annotation>
              <xs:documentation source="California Preservation Service Metadata
Guidelines" xml:lang="en">Almost always pixels.</xs:documentation>
            </xs:annotation>
          </xs:attribute>
        </xs:extension>
      </xs:simpleContent>
    </xs:complexType>
  </xs:element>
  <xs:element name="resolutionHeight">
    <xs:annotation>
      <xs:documentation source="California Preservation Service Metadata
Guidelines" xml:lang="en">Specifies the y dimensions of the digital file. Qualified with a unit.</
xs:documentation>
    </xs:annotation>
  </xs:complexType>
  <xs:simpleContent>
    <xs:extension base="xs:nonNegativeInteger">
      <xs:attribute name="unit" use="required" type="xs:string">
        <xs:annotation>
          <xs:documentation source="California Preservation Service Metadata
Guidelines" xml:lang="en">Almost always pixels.</xs:documentation>
        </xs:annotation>
      </xs:attribute>
    </xs:extension>
  </xs:simpleContent>
</xs:complexType>
</xs:element>
<xs:element minOccurs="1" name="colorSpace">
  <xs:annotation>
    <xs:documentation source="California Preservation Service Metadata Guidelines"
xml:lang="en">Specifies the type of color space used by the digital file.</xs:documentation>
  </xs:annotation>

```

```

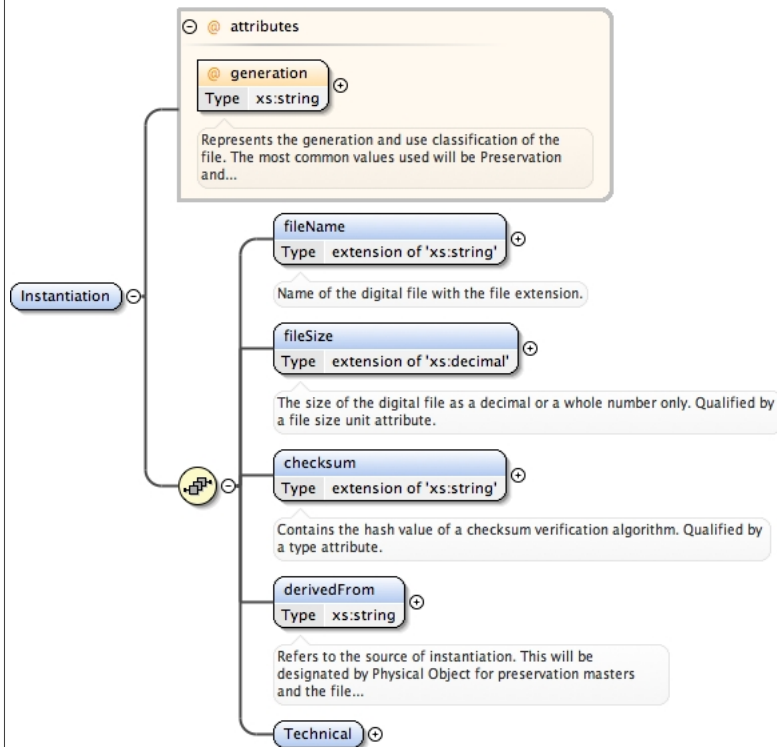
</xs:annotation>
<xs:simpleType>
  <xs:restriction base="xs:string"/>
</xs:simpleType>
</xs:element>
<xs:element minOccurs="0" name="chromaSubsampling">
  <xs:annotation>
    <xs:documentation source="California Preservation Service Metadata Guidelines"
xml:lang="en">Specifies the Chroma Subsampling as a ratio in the format integer:integer:integer.
For example 4:2:2. All other formatted values will be considered invalid. In the absence of
subsampling, the value of this element is 4:4:4.</xs:documentation>
  </xs:annotation>
  <xs:simpleType>
    <xs:restriction base="xs:NMTOKEN">
      <xs:pattern value="\d+:\d+:\d+"/>
    </xs:restriction>
  </xs:simpleType>
</xs:element>
<xs:element name="colorDepth">
  <xs:annotation>
    <xs:documentation source="California Preservation Service Metadata Guidelines"
xml:lang="en">The bit depth per channel. Qualified with a unit.</xs:documentation>
  </xs:annotation>
  <xs:complexType>
    <xs:simpleContent>
      <xs:extension base="xs:nonNegativeInteger">
        <xs:attribute name="unit" type="xs:string" use="required"/>
      </xs:extension>
    </xs:simpleContent>
  </xs:complexType>
</xs:element>
<xs:element name="compressionMode">
  <xs:annotation>
    <xs:documentation source="California Preservation Service Metadata Guidelines"
xml:lang="en">Designates the type of compression. Only values accepted are Lossless, Lossy,
Uncompressed, or Unknown. All other values will be considered as invalid.</xs:documentation>
  </xs:annotation>
  <xs:simpleType>
    <xs:restriction base="xs:string">
      <xs:enumeration value="Lossless"/>
      <xs:enumeration value="Lossy"/>
      <xs:enumeration value="Uncompressed"/>
      <xs:enumeration value="Unknown"/>
    </xs:restriction>
  </xs:simpleType>
</xs:element>
<xs:element minOccurs="0" name="additionalTechnicalNotes" type="xs:string">
  <xs:annotation>
    <xs:documentation source="California Preservation Service Metadata
Guidelines">California Preservation Service Metadata Guidelines</xs:documentation>
  </xs:annotation>
</xs:element>
</xs:sequence>
</xs:complexType>
</xs:element>
</xs:sequence>
<xs:attribute name="generation" type="xs:string" use="required">
  <xs:annotation>
    <xs:documentation source="California Preservation Service Metadata Guidelines"
xml:lang="en">Represents the generation and use classification of the file. The most common values
used will be Preservation and Access.</xs:documentation>
  </xs:annotation>
</xs:attribute>
</xs:complexType>
</xs:element>
</xs:sequence>
<xs:attribute name="relationship" use="required"/>
</xs:complexType>
</xs:element>

```

Element CollectionReference / DescriptionDocument / Assets / AssetPart / Instantiations / Instantiation

Namespace	http://calpreservation.org/projects/audiovisual-preservation/dcscheme.html
-----------	---

Diagram



Properties

content:	complex
maxOccurs:	unbounded

Model

fileName , fileSize , checksum , derivedFrom , Technical

Children

Technical, checksum, derivedFrom, fileName, fileSize

Instance

```

<Instantiation generation="" xmlns="http://calpreservation.org/projects/audiovisual-preservation/
dcscheme.html">
  <fileName unit="">{1,1}</fileName>
  <fileSize unit="">{1,1}</fileSize>
  <checksum type="">{1,1}</checksum>
  <derivedFrom>{1,1}</derivedFrom>
  <Technical>{1,1}</Technical>
</Instantiation>
  
```

Attributes

QName	Type	Fixed	Default	Use
generation	xs:string			required
California Preservation Service Metadata Guidelines Represents the generation and use classification of the file. The most common values used will be Preservation and Access.				

Source

```

<xs:element name="Instantiation" maxOccurs="unbounded">
  <xs:complexType>
    <xs:sequence>
      <xs:element name="fileName">
        <xs:annotation>
          <xs:documentation source="California Preservation Service Metadata Guidelines"
            xml:lang="en">Name of the digital file with the file extension.</xs:documentation>
        </xs:annotation>
        <xs:complexType>
          <xs:simpleContent>
            <xs:extension base="xs:string">
              <xs:attribute name="unit">
                <xs:annotation>
                  <xs:documentation source="California Preservation Service Metadata Guidelines"
                    xml:lang="en">The unit used for the file size using the initials only. For example: MB for
                    megabytes and b for bits.</xs:documentation>
                </xs:annotation>
              </xs:attribute>
            </xs:extension>
          </xs:simpleContent>
        </xs:complexType>
      </xs:element>
      <xs:element name="fileSize">
        <xs:annotation>
          <xs:documentation source="California Preservation Service Metadata Guidelines"
            xml:lang="en">The size of the digital file as a decimal or a whole number only. Qualified by
            a file size unit attribute.</xs:documentation>
        </xs:annotation>
        <xs:complexType>
          <xs:simpleContent>
            <xs:extension base="xs:decimal">
              <xs:attribute name="unit">
                <xs:annotation>
                  <xs:documentation source="California Preservation Service Metadata Guidelines"
                    xml:lang="en">The unit used for the file size using the initials only. For example: MB for
                    megabytes and b for bits.</xs:documentation>
                </xs:annotation>
              </xs:attribute>
            </xs:extension>
          </xs:simpleContent>
        </xs:complexType>
      </xs:element>
      <xs:element name="checksum">
        <xs:annotation>
          <xs:documentation source="California Preservation Service Metadata Guidelines"
            xml:lang="en">Contains the hash value of a checksum verification algorithm. Qualified by a
            type attribute.</xs:documentation>
        </xs:annotation>
        <xs:complexType>
          <xs:simpleContent>
            <xs:extension base="xs:string">
              <xs:attribute name="type">
                <xs:annotation>
                  <xs:documentation source="California Preservation Service Metadata Guidelines"
                    xml:lang="en">The type of checksum verification algorithm used.</xs:documentation>
                </xs:annotation>
              </xs:attribute>
            </xs:extension>
          </xs:simpleContent>
        </xs:complexType>
      </xs:element>
      <xs:element name="derivedFrom">
        <xs:annotation>
          <xs:documentation source="California Preservation Service Metadata Guidelines"
            xml:lang="en">Refers to the source of instantiation. This will be designated by Physical Object
            for preservation masters and the file...</xs:documentation>
        </xs:annotation>
        <xs:complexType>
          <xs:simpleContent>
            <xs:extension base="xs:string">
              <xs:attribute name="type">
                <xs:annotation>
                  <xs:documentation source="California Preservation Service Metadata Guidelines"
                    xml:lang="en">The type of source of instantiation.</xs:documentation>
                </xs:annotation>
              </xs:attribute>
            </xs:extension>
          </xs:simpleContent>
        </xs:complexType>
      </xs:element>
      <xs:element name="Technical">
        <xs:annotation>
          <xs:documentation source="California Preservation Service Metadata Guidelines"
            xml:lang="en">Refers to the source of instantiation. This will be designated by Physical Object
            for preservation masters and the file...</xs:documentation>
        </xs:annotation>
        <xs:complexType>
          <xs:simpleContent>
            <xs:extension base="xs:string">
              <xs:attribute name="type">
                <xs:annotation>
                  <xs:documentation source="California Preservation Service Metadata Guidelines"
                    xml:lang="en">The type of source of instantiation.</xs:documentation>
                </xs:annotation>
              </xs:attribute>
            </xs:extension>
          </xs:simpleContent>
        </xs:complexType>
      </xs:element>
    </xs:sequence>
  </xs:complexType>
</xs:element>
  
```

```

        <xs:documentation source="California Preservation Service Metadata Guidelines"
xml:lang="en">The size of the digital file as a decimal or a whole number only. Qualified by a file
size unit attribute.</xs:documentation>
    </xs:annotation>
    <xs:complexType>
        <xs:simpleContent>
            <xs:extension base="xs:decimal">
                <xs:attribute name="unit">
                    <xs:annotation>
                        <xs:documentation source="California Preservation Service Metadata Guidelines"
xml:lang="en">Unit should contain the full name and not an abbreviation. For example: megabytes
instead of MB.</xs:documentation>
                    </xs:annotation>
                </xs:attribute>
            </xs:extension>
        </xs:simpleContent>
    </xs:complexType>
</xs:element>
<xs:element name="checksum">
    <xs:annotation>
        <xs:documentation source="California Preservation Service Metadata Guidelines"
xml:lang="en">Contains the hash value of a checksum verification algorithm. Qualified by a type
attribute.</xs:documentation>
    </xs:annotation>
    <xs:complexType>
        <xs:simpleContent>
            <xs:extension base="xs:string">
                <xs:attribute name="type">
                    <xs:annotation>
                        <xs:documentation>Represents the type of checksum algorithm used.</
xs:documentation>
                    </xs:annotation>
                </xs:attribute>
            </xs:extension>
        </xs:simpleContent>
    </xs:complexType>
</xs:element>
<xs:element name="derivedFrom" type="xs:string">
    <xs:annotation>
        <xs:documentation source="California Preservation Service Metadata Guidelines"
xml:lang="en">Refers to the source of instantiation. This will be designated by Physical Object for
preservation masters and the file name it was derivated from for access files.</xs:documentation>
    </xs:annotation>
</xs:element>
<xs:element name="Technical">
    <xs:complexType>
        <xs:sequence>
            <xs:element name="fileFormat" type="xs:string">
                <xs:annotation>
                    <xs:documentation source="California Preservation Service Metadata Guidelines"
xml:lang="en">Specifies the MIME type of the file.</xs:documentation>
                </xs:annotation>
            </xs:element>
            <xs:element name="imageFormat" type="xs:string"/>
            <xs:element name="resolutionWidth">
                <xs:annotation>
                    <xs:documentation source="California Preservation Service Metadata
Guidelines">Specifies the x dimensions of the digital file. Qualified with a unit.</
xs:documentation>
                </xs:annotation>
            </xs:complexType>
            <xs:simpleContent>
                <xs:extension base="xs:nonNegativeInteger">
                    <xs:attribute name="unit" use="required" type="xs:string">
                        <xs:annotation>
                            <xs:documentation source="California Preservation Service Metadata
Guidelines" xml:lang="en">Almost always pixels.</xs:documentation>
                        </xs:annotation>
                    </xs:attribute>
                </xs:extension>
            </xs:simpleContent>
        </xs:complexType>
    </xs:element>
    <xs:element name="resolutionHeight">
        <xs:annotation>
            <xs:documentation source="California Preservation Service Metadata Guidelines"
xml:lang="en">Specifies the y dimensions of the digital file. Qualified with a unit.</
xs:documentation>
        </xs:annotation>
    </xs:complexType>
    <xs:simpleContent>
        <xs:extension base="xs:nonNegativeInteger">
            <xs:attribute name="unit" use="required" type="xs:string">

```

```

        <xs:annotation>
          <xs:documentation source="California Preservation Service Metadata
Guidelines" xml:lang="en">Almost always pixels.</xs:documentation>
        </xs:annotation>
      </xs:attribute>
    </xs:extension>
  </xs:simpleContent>
</xs:complexType>
</xs:element>
<xs:element minOccurs="1" name="colorSpace">
  <xs:annotation>
    <xs:documentation source="California Preservation Service Metadata Guidelines"
xml:lang="en">Specifies the type of color space used by the digital file.</xs:documentation>
  </xs:annotation>
  <xs:simpleType>
    <xs:restriction base="xs:string"/>
  </xs:simpleType>
</xs:element>
<xs:element minOccurs="0" name="chromaSubsampling">
  <xs:annotation>
    <xs:documentation source="California Preservation Service Metadata Guidelines"
xml:lang="en">Specifies the Chroma Subsampling as a ratio in the format integer:integer:integer.
For example 4:2:2. All other formatted values will be considered invalid. In the absence of
subsampling, the value of this element is 4:4:4.</xs:documentation>
  </xs:annotation>
  <xs:simpleType>
    <xs:restriction base="xs:NMTOKEN">
      <xs:pattern value="\d+:\d+:\d+"/>
    </xs:restriction>
  </xs:simpleType>
</xs:element>
<xs:element name="colorDepth">
  <xs:annotation>
    <xs:documentation source="California Preservation Service Metadata Guidelines"
xml:lang="en">The bit depth per channel. Qualified with a unit.</xs:documentation>
  </xs:annotation>
  <xs:complexType>
    <xs:simpleContent>
      <xs:extension base="xs:nonNegativeInteger">
        <xs:attribute name="unit" type="xs:string" use="required"/>
      </xs:extension>
    </xs:simpleContent>
  </xs:complexType>
</xs:element>
<xs:element name="compressionMode">
  <xs:annotation>
    <xs:documentation source="California Preservation Service Metadata Guidelines"
xml:lang="en">Designates the type of compression. Only values accepted are Lossless, Lossy,
Uncompressed, or Unknown. All other values will be considered as invalid.</xs:documentation>
  </xs:annotation>
  <xs:simpleType>
    <xs:restriction base="xs:string">
      <xs:enumeration value="Lossless"/>
      <xs:enumeration value="Lossy"/>
      <xs:enumeration value="Uncompressed"/>
      <xs:enumeration value="Unknown"/>
    </xs:restriction>
  </xs:simpleType>
</xs:element>
<xs:element minOccurs="0" name="additionalTechnicalNotes" type="xs:string">
  <xs:annotation>
    <xs:documentation source="California Preservation Service Metadata
Guidelines">California Preservation Service Metadata Guidelines</xs:documentation>
  </xs:annotation>
</xs:element>
</xs:sequence>
</xs:complexType>
</xs:element>
</xs:sequence>
<xs:attribute name="generation" type="xs:string" use="required">
  <xs:annotation>
    <xs:documentation source="California Preservation Service Metadata Guidelines"
xml:lang="en">Represents the generation and use classification of the file. The most common values
used will be Preservation and Access.</xs:documentation>
  </xs:annotation>
</xs:attribute>
</xs:complexType>
</xs:element>

```

Element CollectionReference / DescriptionDocument / Assets / AssetPart / Instantiations / Instantiation / fileName

Namespace	http://calpreservation.org/projects/audiovisual-preservation/dcscheme.html				
Annotations	California Preservation Service Metadata Guidelines Name of the digital file with the file extension.				
Diagram					
Type	extension of xs:string				
Properties	content: complex				
Attributes	QName	Type	Fixed	Default	Use
	unit				optional
	California Preservation Service Metadata Guidelines The unit used for the file size using the initials only. For example: MB for megabytes and b for bits.				
Source	<pre> <xs:element name="fileName"> <xs:annotation> <xs:documentation source="California Preservation Service Metadata Guidelines" xml:lang="en">Name of the digital file with the file extension.</xs:documentation> </xs:annotation> <xs:complexType> <xs:simpleContent> <xs:extension base="xs:string"> <xs:attribute name="unit"> <xs:annotation> <xs:documentation source="California Preservation Service Metadata Guidelines" xml:lang="en">The unit used for the file size using the initials only. For example: MB for megabytes and b for bits.</xs:documentation> </xs:annotation> </xs:attribute> </xs:extension> </xs:simpleContent> </xs:complexType> </xs:element> </pre>				

Element CollectionReference / DescriptionDocument / Assets / AssetPart / Instantiations / Instantiation / fileSize

Namespace	http://calpreservation.org/projects/audiovisual-preservation/dcscheme.html				
Annotations	California Preservation Service Metadata Guidelines The size of the digital file as a decimal or a whole number only. Qualified by a file size unit attribute.				
Diagram					
Type	extension of xs:decimal				
Properties	content: complex				

Attributes	QName	Type	Fixed	Default	Use
	unit				optional
	California Preservation Service Metadata Guidelines Unit should contain the full name and not an abbreviation. For example: megabytes instead of MB.				
Source	<pre><xs:element name="fileSize"> <xs:annotation> <xs:documentation source="California Preservation Service Metadata Guidelines" xml:lang="en">The size of the digital file as a decimal or a whole number only. Qualified by a file size unit attribute.</xs:documentation> </xs:annotation> <xs:complexType> <xs:simpleContent> <xs:extension base="xs:decimal"> <xs:attribute name="unit"> <xs:annotation> <xs:documentation source="California Preservation Service Metadata Guidelines" xml:lang="en">Unit should contain the full name and not an abbreviation. For example: megabytes instead of MB.</xs:documentation> </xs:annotation> </xs:attribute> </xs:extension> </xs:simpleContent> </xs:complexType> </xs:element></pre>				

Element CollectionReference / DescriptionDocument / Assets / AssetPart / Instantiations / Instantiation / checksum

Namespace	http://calpreservation.org/projects/audiovisual-preservation/dcscheme.html				
Annotations	California Preservation Service Metadata Guidelines				
	Contains the hash value of a checksum verification algorithm. Qualified by a type attribute.				
Diagram					
Type	extension of xs:string				
Properties	content: complex				
Attributes	QName	Type	Fixed	Default	Use
	type				optional
	Represents the type of checksum algorithm used.				
Source	<pre><xs:element name="checksum"> <xs:annotation> <xs:documentation source="California Preservation Service Metadata Guidelines" xml:lang="en">Contains the hash value of a checksum verification algorithm. Qualified by a type attribute.</xs:documentation> </xs:annotation> <xs:complexType> <xs:simpleContent> <xs:extension base="xs:string"> <xs:attribute name="type"> <xs:annotation> <xs:documentation>Represents the type of checksum algorithm used.</xs:documentation> </xs:annotation> </xs:attribute> </xs:extension> </xs:simpleContent> </xs:complexType> </xs:element></pre>				

Element CollectionReference / DescriptionDocument / Assets / AssetPart / Instantiations / Instantiation / derivedFrom

Namespace	http://calpreservation.org/projects/audiovisual-preservation/dcscheme.html
Annotations	<p>California Preservation Service Metadata Guidelines</p> <p>Refers to the source of instantiation. This will be designated by Physical Object for preservation masters and the file name it was derivated from for access files.</p>
Diagram	
Type	xs:string
Properties	content: simple
Source	<pre><xs:element name="derivedFrom" type="xs:string"> <xs:annotation> <xs:documentation source="California Preservation Service Metadata Guidelines" xml:lang="en">Refers to the source of instantiation. This will be designated by Physical Object for preservation masters and the file name it was derivated from for access files.</xs:documentation> </xs:annotation> </xs:element></pre>

Element CollectionReference / DescriptionDocument / Assets / AssetPart / Instantiations / Instantiation / Technical

Namespace	http://calpreservation.org/projects/audiovisual-preservation/dcscheme.html
Diagram	
Properties	content: complex

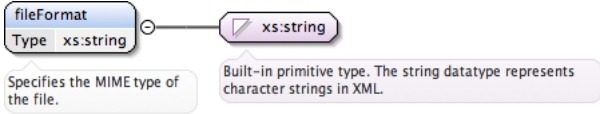
Model	fileFormat , imageFormat , resolutionWidth , resolutionHeight , colorSpace , chromaSubsampling{0,1} , colorDepth , compressionMode , additionalTechnicalNotes{0,1}
Children	additionalTechnicalNotes, chromaSubsampling, colorDepth, colorSpace, compressionMode, fileFormat, imageFormat, resolutionHeight, resolutionWidth
Instance	<pre> <Technical xmlns="http://calpreservation.org/projects/audiovisual-preservation/dcscheme.html"> <fileFormat>{1,1}</fileFormat> <imageFormat>{1,1}</imageFormat> <resolutionWidth unit="">{1,1}</resolutionWidth> <resolutionHeight unit="">{1,1}</resolutionHeight> <colorSpace>{1,1}</colorSpace> <chromaSubsampling>{0,1}</chromaSubsampling> <colorDepth unit="">{1,1}</colorDepth> <compressionMode>{1,1}</compressionMode> <additionalTechnicalNotes>{0,1}</additionalTechnicalNotes> </Technical> </pre>
Source	<pre> <xs:element name="Technical"> <xs:complexType> <xs:sequence> <xs:element name="fileFormat" type="xs:string"> <xs:annotation> <xs:documentation source="California Preservation Service Metadata Guidelines" xml:lang="en">Specifies the MIME type of the file.</xs:documentation> </xs:annotation> </xs:element> <xs:element name="imageFormat" type="xs:string"/> <xs:element name="resolutionWidth"> <xs:annotation> <xs:documentation source="California Preservation Service Metadata Guidelines">Specifies the x dimensions of the digital file. Qualified with a unit.</xs:documentation> </xs:annotation> <xs:complexType> <xs:simpleContent> <xs:extension base="xs:nonNegativeInteger"> <xs:attribute name="unit" use="required" type="xs:string"> <xs:annotation> <xs:documentation source="California Preservation Service Metadata Guidelines" xml:lang="en">Almost always pixels.</xs:documentation> </xs:annotation> </xs:attribute> </xs:extension> </xs:simpleContent> </xs:complexType> </xs:element> <xs:element name="resolutionHeight"> <xs:annotation> <xs:documentation source="California Preservation Service Metadata Guidelines" xml:lang="en">Specifies the y dimensions of the digital file. Qualified with a unit.</ xs:documentation> </xs:annotation> <xs:complexType> <xs:simpleContent> <xs:extension base="xs:nonNegativeInteger"> <xs:attribute name="unit" use="required" type="xs:string"> <xs:annotation> <xs:documentation source="California Preservation Service Metadata Guidelines" xml:lang="en">Almost always pixels.</xs:documentation> </xs:annotation> </xs:attribute> </xs:extension> </xs:simpleContent> </xs:complexType> </xs:element> <xs:element minOccurs="1" name="colorSpace"> <xs:annotation> <xs:documentation source="California Preservation Service Metadata Guidelines" xml:lang="en">Specifies the type of color space used by the digital file.</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"/> </xs:simpleType> </xs:element> <xs:element minOccurs="0" name="chromaSubsampling"> <xs:annotation> <xs:documentation source="California Preservation Service Metadata Guidelines" xml:lang="en">Specifies the Chroma Subsampling as a ratio in the format integer:integer:integer. For example 4:2:2. All other formatted values will be considered invalid. In the absence of subsampling, the value of this element is 4:4:4.</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:NMTOKEN"> </pre>

```

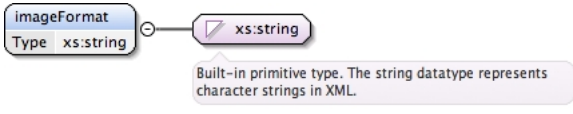
        <xs:pattern value="\d+:\d+:\d+"/>
      </xs:restriction>
    </xs:simpleType>
  </xs:element>
  <xs:element name="colorDepth">
    <xs:annotation>
      <xs:documentation source="California Preservation Service Metadata Guidelines"
xml:lang="en">The bit depth per channel. Qualified with a unit.</xs:documentation>
    </xs:annotation>
    <xs:complexType>
      <xs:simpleContent>
        <xs:extension base="xs:nonNegativeInteger">
          <xs:attribute name="unit" type="xs:string" use="required"/>
        </xs:extension>
      </xs:simpleContent>
    </xs:complexType>
  </xs:element>
  <xs:element name="compressionMode">
    <xs:annotation>
      <xs:documentation source="California Preservation Service Metadata Guidelines"
xml:lang="en">Designates the type of compression. Only values accepted are Lossless, Lossy,
Uncompressed, or Unknown. All other values will be considered as invalid.</xs:documentation>
    </xs:annotation>
    <xs:simpleType>
      <xs:restriction base="xs:string">
        <xs:enumeration value="Lossless"/>
        <xs:enumeration value="Lossy"/>
        <xs:enumeration value="Uncompressed"/>
        <xs:enumeration value="Unknown"/>
      </xs:restriction>
    </xs:simpleType>
  </xs:element>
  <xs:element minOccurs="0" name="additionalTechnicalNotes" type="xs:string">
    <xs:annotation>
      <xs:documentation source="California Preservation Service Metadata Guidelines">California
Preservation Service Metadata Guidelines</xs:documentation>
    </xs:annotation>
  </xs:element>
</xs:sequence>
</xs:complexType>
</xs:element>

```

Element CollectionReference / DescriptionDocument / Assets / AssetPart / Instantiations / Instantiation / Technical / fileFormat

Namespace	http://calpreservation.org/projects/audiovisual-preservation/dcscheme.html
Annotations	California Preservation Service Metadata Guidelines Specifies the MIME type of the file.
Diagram	 <pre> graph LR fileFormat[fileFormat] --- xsString[xs:string] </pre> <p>Specifies the MIME type of the file.</p> <p>Built-in primitive type. The string datatype represents character strings in XML.</p>
Type	xs:string
Properties	content: simple
Source	<pre> <xs:element name="fileFormat" type="xs:string"> <xs:annotation> <xs:documentation source="California Preservation Service Metadata Guidelines" xml:lang="en">Specifies the MIME type of the file.</xs:documentation> </xs:annotation> </xs:element> </pre>

Element CollectionReference / DescriptionDocument / Assets / AssetPart / Instantiations / Instantiation / Technical / imageFormat

Namespace	http://calpreservation.org/projects/audiovisual-preservation/dcscheme.html
Diagram	 <pre> graph LR imageFormat[imageFormat] --- xsString[xs:string] </pre> <p>Built-in primitive type. The string datatype represents character strings in XML.</p>
Type	xs:string

Properties	content: simple
Source	<code><xs:element name="imageFormat" type="xs:string"/></code>

Element CollectionReference / DescriptionDocument / Assets / AssetPart / Instantiations / Instantiation / Technical / resolutionWidth

Namespace	http://calpreservation.org/projects/audiovisual-preservation/dcscheme.html				
Annotations	California Preservation Service Metadata Guidelines Specifies the x dimensions of the digital file. Qualified with a unit.				
Diagram					
Type	extension of xs:nonNegativeInteger				
Properties	content: complex				
Attributes	QName	Type	Fixed	Default	Use
	unit	xs:string			required
	California Preservation Service Metadata Guidelines Almost always pixels.				
Source	<pre> <xs:element name="resolutionWidth"> <xs:annotation> <xs:documentation source="California Preservation Service Metadata Guidelines">Specifies the x dimensions of the digital file. Qualified with a unit.</xs:documentation> </xs:annotation> <xs:complexType> <xs:simpleContent> <xs:extension base="xs:nonNegativeInteger"> <xs:attribute name="unit" use="required" type="xs:string"> <xs:annotation> <xs:documentation source="California Preservation Service Metadata Guidelines" xml:lang="en">Almost always pixels.</xs:documentation> </xs:annotation> </xs:attribute> </xs:extension> </xs:simpleContent> </xs:complexType> </xs:element> </pre>				

Element CollectionReference / DescriptionDocument / Assets / AssetPart / Instantiations / Instantiation / Technical / resolutionHeight

Namespace	http://calpreservation.org/projects/audiovisual-preservation/dcscheme.html				
Annotations	California Preservation Service Metadata Guidelines Specifies the y dimensions of the digital file. Qualified with a unit.				
Diagram					
Type	extension of xs:nonNegativeInteger				
Properties	content: complex				

Attributes	QName	Type	Fixed	Default	Use
	unit	xs:string			required
		California Preservation Service Metadata Guidelines Almost always pixels.			
Source	<pre><xs:element name="resolutionHeight"> <xs:annotation> <xs:documentation source="California Preservation Service Metadata Guidelines" xml:lang="en">Specifies the y dimensions of the digital file. Qualified with a unit.</ xs:documentation> </xs:annotation> <xs:complexType> <xs:simpleContent> <xs:extension base="xs:nonNegativeInteger"> <xs:attribute name="unit" use="required" type="xs:string"> <xs:annotation> <xs:documentation source="California Preservation Service Metadata Guidelines" xml:lang="en">Almost always pixels.</xs:documentation> </xs:annotation> </xs:attribute> </xs:extension> </xs:simpleContent> </xs:complexType> </xs:element></pre>				

Element CollectionReference / DescriptionDocument / Assets / AssetPart / Instantiations / Instantiation / Technical / colorSpace

Namespace	http://calpreservation.org/projects/audiovisual-preservation/dcscheme.html		
Annotations	California Preservation Service Metadata Guidelines Specifies the type of color space used by the digital file.		
Diagram	<div><div>colorSpace</div><div>Type restriction of 'xs:string'</div></div> <div>restricts: xs:string</div> <div>Specifies the type of color space used by the digital file.</div>		
Type	xs:string		
Properties	content:	simple	
	minOccurs:	1	
Source	<pre><xs:element minOccurs="1" name="colorSpace"> <xs:annotation> <xs:documentation source="California Preservation Service Metadata Guidelines" xml:lang="en">Specifies the type of color space used by the digital file.</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"/> </xs:simpleType> </xs:element></pre>		

Element CollectionReference / DescriptionDocument / Assets / AssetPart / Instantiations / Instantiation / Technical / chromaSubsampling

Namespace	http://calpreservation.org/projects/audiovisual-preservation/dcscheme.html		
Annotations	<div>California Preservation Service Metadata Guidelines</div> <div>Specifies the Chroma Subsampling as a ratio in the format integer:integer:integer. For example 4:2:2. All other formatted values will be considered invalid.</div> <div>In the absence of subsampling, the value of this element is 4:4:4.</div>		
Diagram	<div><div><div>chromaSubsampling</div><div>Type restriction of 'xs:NMTOKEN'</div></div><div>Specifies the Chroma Subsampling as a ratio in the format integer:integer:integer. For example 4:2:2. All other...</div></div> <div>restricts: xs:NMTOKEN</div>		
Type	restriction of xs:NMTOKEN		
Properties	content:	simple	
	minOccurs:	0	

Facets	pattern (\c+) & (\d+:\d+:\d+)
Source	<pre> <xs:element minOccurs="0" name="chromaSubsampling"> <xs:annotation> <xs:documentation source="California Preservation Service Metadata Guidelines" xml:lang="en">Specifies the Chroma Subsampling as a ratio in the format integer:integer:integer. For example 4:2:2. All other formatted values will be considered invalid. In the absence of subsampling, the value of this element is 4:4:4.</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:NMTOKEN"> <xs:pattern value="\d+:\d+:\d+"/> </xs:restriction> </xs:simpleType> </xs:element> </pre>

Element CollectionReference / DescriptionDocument / Assets / AssetPart / Instantiations / Instantiation / Technical / colorDepth

Namespace	http://calpreservation.org/projects/audiovisual-preservation/dcscheme.html				
Annotations	California Preservation Service Metadata Guidelines The bit depth per channel. Qualified with a unit.				
Diagram	<p>The diagram illustrates the structure of the <code>colorDepth</code> element. It is shown as a box labeled 'colorDepth' with the text 'Type extension of 'xs:nonNegativeInteger'' and a description 'The bit depth per channel. Qualified with a unit.' A line connects it to a box for 'xs:nonNegativeInteger' with a note: 'Built-in derived type. The nonNegativeInteger datatype is derived from integer by setting the value of minInclusive to...'. Another line connects to an 'attributes' box containing a 'unit' attribute of type 'xs:string'.</p>				
Type	extension of xs:nonNegativeInteger				
Properties	content: complex				
Attributes	QName	Type	Fixed	Default	Use
	unit	xs:string			required
Source	<pre> <xs:element name="colorDepth"> <xs:annotation> <xs:documentation source="California Preservation Service Metadata Guidelines" xml:lang="en">The bit depth per channel. Qualified with a unit.</xs:documentation> </xs:annotation> <xs:complexType> <xs:simpleContent> <xs:extension base="xs:nonNegativeInteger"> <xs:attribute name="unit" type="xs:string" use="required"/> </xs:extension> </xs:simpleContent> </xs:complexType> </xs:element> </pre>				

Element CollectionReference / DescriptionDocument / Assets / AssetPart / Instantiations / Instantiation / Technical / compressionMode

Namespace	http://calpreservation.org/projects/audiovisual-preservation/dcscheme.html				
Annotations	California Preservation Service Metadata Guidelines Designates the type of compression. Only values accepted are Lossless, Lossy, Uncompressed, or Unknown. All other values will be considered as invalid.				
Diagram	<p>The diagram shows a box for 'compressionMode' with the text 'Type restriction of 'xs:string'' and a description 'Designates the type of compression. Only values accepted are Lossless, Lossy, Uncompressed, or Unknown. All other...'. A line connects it to a box labeled 'restricts: xs:string'.</p>				
Type	restriction of xs:string				
Properties	content: simple				

Facets	enumeration	Lossless
	enumeration	Lossy
	enumeration	Uncompressed
	enumeration	Unknown
Source	<pre> <xs:element name="compressionMode"> <xs:annotation> <xs:documentation source="California Preservation Service Metadata Guidelines" xml:lang="en">Designates the type of compression. Only values accepted are Lossless, Lossy, Uncompressed, or Unknown. All other values will be considered as invalid.</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:enumeration value="Lossless"/> <xs:enumeration value="Lossy"/> <xs:enumeration value="Uncompressed"/> <xs:enumeration value="Unknown"/> </xs:restriction> </xs:simpleType> </xs:element> </pre>	

Element CollectionReference / DescriptionDocument / Assets / AssetPart / Instantiations / Instantiation / Technical / additionalTechnicalNotes

Namespace	http://calpreservation.org/projects/audiovisual-preservation/dcscheme.html
Annotations	California Preservation Service Metadata Guidelines
Diagram	
Type	xs:string
Properties	content: simple minOccurs: 0
Source	<pre> <xs:element minOccurs="0" name="additionalTechnicalNotes" type="xs:string"> <xs:annotation> <xs:documentation source="California Preservation Service Metadata Guidelines">California Preservation Service Metadata Guidelines</xs:documentation> </xs:annotation> </xs:element> </pre>

Namespace: ""

Attribute(s)

Attribute CollectionReference / DescriptionDocument / DublinCore / source / @url

Namespace	No namespace
Type	restriction of xs:anyURI
Properties	content: simple
Facets	pattern https?://.+
Used by	Element CollectionReference/DescriptionDocument/DublinCore/source
Source	<pre> <xs:attribute name="url"> <xs:simpleType> <xs:restriction base="xs:anyURI"> <xs:pattern value="https?://.+"/> </xs:restriction> </xs:simpleType> </xs:attribute> </pre>

Attribute CollectionReference / DescriptionDocument / DublinCore / source / @type

Namespace	No namespace
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Type	xs:string
Properties	use: required
Used by	Element CollectionReference/DescriptionDocument/DublinCore/source
Source	<code><xs:attribute name="type" type="xs:string" use="required"/></code>

Attribute CollectionReference / DescriptionDocument / DublinCore / coverage / @type

Namespace	No namespace
Type	xs:string
Properties	content: simple
Used by	Element CollectionReference/DescriptionDocument/DublinCore/coverage
Source	<code><xs:attribute name="type" type="xs:string"/></code>

Attribute CollectionReference / DescriptionDocument / Assets / dimensionsHeight / @unit

Namespace	No namespace
Annotations	<p>California Preservation Service Metadata Guidelines</p> <p>Represent the unit used to measure the physical item. Should be a physical unit and words spelled out instead of using abbreviations.</p> <p>For example: inches and centimeters.</p>
Type	xs:string
Properties	use: required
Used by	Element CollectionReference/DescriptionDocument/Assets/dimensionsHeight
Source	<pre> <xs:attribute name="unit" type="xs:string" use="required"> <xs:annotation> <xs:documentation source="California Preservation Service Metadata Guidelines" xml:lang="en">Represent the unit used to measure the physical item. Should be a physical unit and words spelled out instead of using abbreviations. For example: inches and centimeters.</ </xs:documentation> </xs:annotation> </xs:attribute> </pre>

Attribute CollectionReference / DescriptionDocument / Assets / dimensionsWidth / @unit

Namespace	No namespace
Annotations	<p>California Preservation Service Metadata Guidelines</p> <p>Represent the unit used to measure the physical item. Should be a physical unit and words spelled out instead of using abbreviations.</p> <p>For example: inches and centimeters.</p>
Type	xs:string
Properties	use: required
Used by	Element CollectionReference/DescriptionDocument/Assets/dimensionsWidth
Source	<pre> <xs:attribute name="unit" type="xs:string" use="required"> <xs:annotation> <xs:documentation source="California Preservation Service Metadata Guidelines" xml:lang="en">Represent the unit used to measure the physical item. Should be a physical unit and words spelled out instead of using abbreviations. For example: inches and centimeters.</ </xs:documentation> </xs:annotation> </xs:attribute> </pre>

Attribute CollectionReference / DescriptionDocument / Assets / AssetPart / Instantiations / Instantiation / fileName / @unit

Namespace	No namespace
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Annotations	California Preservation Service Metadata Guidelines The unit used for the file size using the initials only. For example: MB for megabytes and b for bits.
Used by	Element CollectionReference/DescriptionDocument/Assets/AssetPart/Instantiations/Instantiation/fileName
Source	<pre><xs:attribute name="unit"> <xs:annotation> <xs:documentation source="California Preservation Service Metadata Guidelines" xml:lang="en">The unit used for the file size using the initials only. For example: MB for megabytes and b for bits.</xs:documentation> </xs:annotation> </xs:attribute></pre>

Attribute CollectionReference / DescriptionDocument / Assets / AssetPart / Instantiations / Instantiation / fileSize / @unit

Namespace	No namespace
Annotations	California Preservation Service Metadata Guidelines Unit should contain the full name and not an abbreviation. For example: megabytes instead of MB.
Used by	Element CollectionReference/DescriptionDocument/Assets/AssetPart/Instantiations/Instantiation/fileSize
Source	<pre><xs:attribute name="unit"> <xs:annotation> <xs:documentation source="California Preservation Service Metadata Guidelines" xml:lang="en">Unit should contain the full name and not an abbreviation. For example: megabytes instead of MB.</xs:documentation> </xs:annotation> </xs:attribute></pre>

Attribute CollectionReference / DescriptionDocument / Assets / AssetPart / Instantiations / Instantiation / checksum / @type

Namespace	No namespace
Annotations	Represents the type of checksum algorithm used.
Used by	Element CollectionReference/DescriptionDocument/Assets/AssetPart/Instantiations/Instantiation/checksum
Source	<pre><xs:attribute name="type"> <xs:annotation> <xs:documentation>Represents the type of checksum algorithm used.</xs:documentation> </xs:annotation> </xs:attribute></pre>

Attribute CollectionReference / DescriptionDocument / Assets / AssetPart / Instantiations / Instantiation / Technical / resolutionWidth / @unit

Namespace	No namespace
Annotations	California Preservation Service Metadata Guidelines Almost always pixels.
Type	xs:string
Properties	use: required
Used by	Element CollectionReference/DescriptionDocument/Assets/AssetPart/Instantiations/Instantiation/Technical/resolutionWidth
Source	<pre><xs:attribute name="unit" use="required" type="xs:string"> <xs:annotation> <xs:documentation source="California Preservation Service Metadata Guidelines" xml:lang="en">Almost always pixels.</xs:documentation> </xs:annotation> </xs:attribute></pre>

Attribute CollectionReference / DescriptionDocument / Assets / AssetPart / Instantiations / Instantiation / Technical / resolutionHeight / @unit

Namespace	No namespace
Annotations	California Preservation Service Metadata Guidelines Almost always pixels.

Type	xs:string	
Properties	use:	required
Used by	Element	CollectionReference/DescriptionDocument/Assets/AssetPart/Instantiations/Instantiation/Technical/resolutionHeight
Source	<pre><xs:attribute name="unit" use="required" type="xs:string"> <xs:annotation> <xs:documentation source="California Preservation Service Metadata Guidelines" xml:lang="en">Almost always pixels.</xs:documentation> </xs:annotation> </xs:attribute></pre>	

Attribute CollectionReference / DescriptionDocument / Assets / AssetPart / Instantiations / Instantiation / Technical / colorDepth / @unit

Namespace	No namespace	
Type	xs:string	
Properties	use:	required
Used by	Element	CollectionReference/DescriptionDocument/Assets/AssetPart/Instantiations/Instantiation/Technical/colorDepth
Source	<pre><xs:attribute name="unit" type="xs:string" use="required" /></pre>	

Attribute CollectionReference / DescriptionDocument / Assets / AssetPart / Instantiations / Instantiation / @generation

Namespace	No namespace	
Annotations	California Preservation Service Metadata Guidelines Represents the generation and use classification of the file. The most common values used will be Preservation and Access.	
Type	xs:string	
Properties	use:	required
Used by	Element	CollectionReference/DescriptionDocument/Assets/AssetPart/Instantiations/Instantiation
Source	<pre><xs:attribute name="generation" type="xs:string" use="required"> <xs:annotation> <xs:documentation source="California Preservation Service Metadata Guidelines" xml:lang="en">Represents the generation and use classification of the file. The most common values used will be Preservation and Access.</xs:documentation> </xs:annotation> </xs:attribute></pre>	

Attribute CollectionReference / DescriptionDocument / Assets / AssetPart / Instantiations / @relationship

Namespace	No namespace	
Properties	use:	required
Used by	Element	CollectionReference/DescriptionDocument/Assets/AssetPart/Instantiations
Source	<pre><xs:attribute name="relationship" use="required" /></pre>	

Attribute CollectionReference / @collectionSource

Namespace	No namespace	
Type	xs:string	
Properties	use:	required
Used by	Element	CollectionReference
Source	<pre><xs:attribute name="collectionSource" use="required" type="xs:string" /></pre>	

Attribute CollectionReference / @projectSource

Namespace	No namespace	
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Type	xs:string	
Properties	use:	required
Used by	Element	CollectionReference
Source	<xs:attribute name="projectSource" use="required" type="xs:string"/>	