

Schema documentation for PBCoreXSD_Ver_2.0.draft3.xsd

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Namespace: "<http://www.pbcore.org/PBCore/PBCoreNamespace.html>"

Schemas

Main schema `PBCoreXSD_Ver_2.0.draft3.xsd`

Namespace	http://www.pbcore.org/PBCore/PBCoreNamespace.html
Annotations	"This is the PBCore version 2.0 draft3 XML schema. All element descriptions can be found at http://www.pbcore.org "
Properties	attribute form default: unqualified element form default: qualified

Elements

Element `PBCoreCollection`

Namespace	http://www.pbcore.org/PBCore/PBCoreNamespace.html										
Diagram	<pre> classDiagram class PBCoreCollection { @ collectionTitle @ collectionDescription @ collectionSource @ collectionLink @ collectionDate } class PBCoreDescriptionDocument { <<The Master Container assembles together all collections of PBCore knowledge items. For PBCore these knowledge items...>> } PBCoreCollection "1..∞" -- "PBCoreDescriptionDocument" </pre>										
Properties	content: complex										
Model	PBCoreDescriptionDocument+										
Children	PBCoreDescriptionDocument										
Instance	<pre> <PBCoreCollection collectionDate="" collectionDescription="" collectionLink="" collectionSource="" collectionTitle=""> <PBCoreDescriptionDocument>{1,unbounded}</PBCoreDescriptionDocument> </PBCoreCollection> </pre>										
Attributes	<table border="1"> <thead> <tr> <th>QName</th> <th>Type</th> <th>Fixed</th> <th>Default</th> <th>Use</th> </tr> </thead> <tbody> <tr> <td>collectionDate</td> <td>xsd:string</td> <td></td> <td></td> <td>optional</td> </tr> </tbody> </table>	QName	Type	Fixed	Default	Use	collectionDate	xsd:string			optional
QName	Type	Fixed	Default	Use							
collectionDate	xsd:string			optional							

	QName	Type	Fixed	Default	Use
	collectionDescription	xsd:string			optional
	collectionLink	xsd:string			optional
	collectionSource	xsd:string			optional
	collectionTitle	xsd:string			optional
Source	<pre> <xsd:element name="PBCoreCollection"> <xsd:complexType> <xsd:sequence> <!-- everything falls under a descriptionDocument otherwise known as an asset --> <xsd:element maxOccurs="unbounded" minOccurs="1" name="PBCoreDescriptionDocument" type="pbcoreDocumentDescriptionType"> <xsd:annotation> <xsd:documentation xml:lang="en">"The Master Container assembles together all collections of PBCore knowledge items. For PBCore these knowledge items are metadata descriptions of media. The MasterContainer is expressed as a document that hierarchically structures all the knowledge items and metadata terms and values related to a single data record associated with a media item. In our XML Schema Definition, the MasterContainer is referred to as the 'PBCoreDescriptionDocument.' "</xsd:documentation> </xsd:annotation> </xsd:element> </xsd:sequence> <xsd:attribute name="collectionTitle" type="xsd:string"/> <xsd:attribute name="collectionDescription" type="xsd:string"/> <xsd:attribute name="collectionSource" type="xsd:string"/> <xsd:attribute name="collectionLink" type="xsd:string"/> <xsd:attribute name="collectionDate" type="xsd:string"/> </xsd:complexType> </xsd:element> </pre>				

Element PBCoreCollection / PBCoreDescriptionDocument

Namespace	http://www.pbcore.org/PBCore/PBCoreNamespace.html
Annotations	"The Master Container assembles together all collections of PBCore knowledge items. For PBCore these knowledge items are metadata descriptions of media. The MasterContainer is expressed as a document that hierarchically structures all the knowledge items and metadata terms and values related to a single data record associated with a media item. In our XML Schema Definition, the MasterContainer is referred to as the 'PBCoreDescriptionDocument.' "

Diagram	<pre> classDiagram class PBCoreDescriptionDocument { <<The Master Container assembles together all collections of PBCore knowledge items. For PBCore these knowledge items...>> } class pbcoreDocumentDescriptionType { pbcoreAssetType 1..∞ pbcoreIdentifier 1..∞ pbcoreTitle 0..∞ pbcoreSubject 1..∞ pbcoreDescription 0..∞ pbcoreGenre 0..∞ pbcoreRelation 0..∞ pbcoreCoverage 0..∞ pbcoreAudienceLevel 0..∞ pbcoreAudienceRating 0..∞ pbcoreCreator 0..∞ pbcoreContributor 0..∞ pbcorePublisher 0..∞ pbcoreRightsSummary pbcoreInstantiation pbcorePart pbcoreExtension } PBCoreDescriptionDocument "0..∞" -- "1..∞" pbcoreDocumentDescriptionType </pre>						
Type	pbcoreDocumentDescriptionType						
Properties	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="padding: 2px;">content:</td><td style="padding: 2px;">complex</td></tr> <tr> <td style="padding: 2px;">minOccurs:</td><td style="padding: 2px;">1</td></tr> <tr> <td style="padding: 2px;">maxOccurs:</td><td style="padding: 2px;">unbounded</td></tr> </table>	content:	complex	minOccurs:	1	maxOccurs:	unbounded
content:	complex						
minOccurs:	1						
maxOccurs:	unbounded						
Model	pbcoreAssetType{0,1} , pbcoreIdentifier+ , pbcoreTitle+ , pbcoreSubject* , pbcoreDescription+ , pbcoreGenre* , pbcoreRelation* , pbcoreCoverage* , pbcoreAudienceLevel* , pbcoreAudienceRating* , pbcoreCreator* , pbcoreContributor* , pbcorePublisher* , pbcoreRightsSummary* , pbcoreInstantiation* , pbcorePart* , pbcoreExtension*						
Children	pbcoreAssetType, pbcoreAudienceLevel, pbcoreAudienceRating, pbcoreContributor, pbcoreCoverage, pbcoreCreator, pbcoreDescription, pbcoreExtension, pbcoreGenre, pbcoreIdentifier, pbcoreInstantiation, pbcorePart, pbcorePublisher, pbcoreRelation, pbcoreRightsSummary, pbcoreSubject, pbcoreTitle						
Instance	<pre> <PBCoreDescriptionDocument> <pbcoreAssetType>{0,1}</pbcoreAssetType> <pbcoreIdentifier>{1,unbounded}</pbcoreIdentifier> <pbcoreTitle>{1,unbounded}</pbcoreTitle> <pbcoreSubject>{0,unbounded}</pbcoreSubject> <pbcoreDescription>{1,unbounded}</pbcoreDescription> <pbcoreGenre>{0,unbounded}</pbcoreGenre> <pbcoreRelation>{0,unbounded}</pbcoreRelation> <pbcoreCoverage>{0,unbounded}</pbcoreCoverage> <pbcoreAudienceLevel>{0,unbounded}</pbcoreAudienceLevel> <pbcoreAudienceRating>{0,unbounded}</pbcoreAudienceRating> <pbcoreCreator>{0,unbounded}</pbcoreCreator> <pbcoreContributor>{0,unbounded}</pbcoreContributor> <pbcorePublisher>{0,unbounded}</pbcorePublisher> <pbcoreRightsSummary>{0,unbounded}</pbcoreRightsSummary> <pbcoreInstantiation>{0,unbounded}</pbcoreInstantiation> <pbcorePart annotation="" relationID="" relationType="">{0,unbounded}</pbcorePart> <pbcoreExtension>{0,unbounded}</pbcoreExtension> </PBCoreDescriptionDocument> </pre>						
Source	<xsd:element maxOccurs="unbounded" minOccurs="1" name="PBCoreDescriptionDocument" type="pbcoreDocumentDescriptionType">						

```

<xsd:annotation>
  <xsd:documentation xml:lang="en">"The Master Container assembles together all
  collections of PBCore knowledge items. For PBCore these knowledge
  items are
  metadata descriptions of media. The MasterContainer is expressed as a
  document
  that hierarchically structures all the knowledge items and metadata
  terms and
  values related to a single data record associated with a media item.
  In our XML
  Schema Definition, the MasterContainer is referred to as the
  'PBCoreDescriptionDocument.' "</xsd:documentation>
</xsd:annotation>
</xsd:element>

```

Element pbcoreDocumentDescriptionType / pbcoreAssetType

Namespace	http://www.pbcore.org/PBCore/PBCoreNamespace.html						
Diagram	<p>The diagram illustrates the <code>pbcoreAssetType</code> element. It has two associations: one to <code>assetType</code> (Type <code>sourceVersionStringType</code>) and another to <code>dateCreated</code> (Type <code>xsd:string</code>). A callout box for <code>assetType</code> states: "The descriptor assetKind indicates the broad editorial format of the asset's contents. AssetType describes the PBCore...". A callout box for <code>dateCreated</code> states: "This is the orginal date the asset was created."</p>						
Properties	<table border="1"> <tr> <td>content:</td><td>complex</td></tr> <tr> <td>minOccurs:</td><td>0</td></tr> <tr> <td>maxOccurs:</td><td>1</td></tr> </table>	content:	complex	minOccurs:	0	maxOccurs:	1
content:	complex						
minOccurs:	0						
maxOccurs:	1						
Model	<code>assetType</code> , <code>dateCreated</code>						
Children	<code>assetType</code> , <code>dateCreated</code>						
Instance	<pre><pbcoreAssetType> <assetType annotation="" source="" version="">{1,1}</assetType> <dateCreated>{1,1}</dateCreated> </pbcoreAssetType></pre>						
Source	<pre> <xsd:element maxOccurs="1" minOccurs="0" name="pbcoreAssetType"> <xsd:complexType> <xsd:sequence> <!-- the pbcore asset type - this element may occur only once --> <xsd:element maxOccurs="1" minOccurs="1" name="assetType" type="sourceVersionStringType"> <xsd:annotation> <xsd:documentation xml:lang="en">"The descriptor assetKind indicates the broad editorial format of the asset's contents. AssetType describes the PBCore record as a whole and at its highest level. Though a record may contain many instantiations of different formats and generations, for example, assetType may be used to indicate that they all represent a "program" or a "clip." In FRBR language, assetType would be used to describe an asset at the "work" level. (Whereas "formatMediaType" would describe the "item" level.) This element is largely based on the EBUCore element ObjectType: http://www.ebu.ch/metadata/cs/ebu_ObjectTypeCodeCS.xml" /> </xsd:annotation> </xsd:element> <xsd:element maxOccurs="1" minOccurs="1" name="dateCreated" type="xsd:string"> <xsd:annotation> <xsd:documentation xml:lang="en">"This is the orginal date the asset was created."</xsd:documentation> </xsd:annotation> </xsd:element> </xsd:sequence> </xsd:complexType> </xsd:element></pre>						

Element pbcoreDocumentDescriptionType / pbcoreAssetType / assetType

Namespace	http://www.pbcore.org/PBCore/PBCoreNamespace.html																				
Annotations	<p>"The descriptor assetKind indicates the broad editorial format of the asset's contents. AssetType describes the PBCore record as a whole and at its highest level. Though a record may contain many instantiations of different formats and generations, for example, assetType may be used to indicate that they all represent a "program" or a "clip." In FRBR language, assetType would be used to describe an asset at the "work" level. (Whereas "formatMediaType" would describe the "item" level.) This element is largely based on the EBUCore element ObjectType: http://www.ebu.ch/metadata/cs/ebu_ObjectTypeCodeCS.xml"</p>																				
Diagram	<pre> classDiagram class assetType { <<assetType Type sourceVersionStringType>> } class sourceVersionStringType { <<sourceVersionStringType Base Type xsd:string <<xsd:string Built-in primitive type. The string datatype represents character strings in XML. <<@ attributes sourceVersionGroup >>> } </pre>																				
Type	sourceVersionStringType																				
Properties	<table border="1"> <tr> <td>content:</td> <td>complex</td> </tr> <tr> <td>minOccurs:</td> <td>1</td> </tr> <tr> <td>maxOccurs:</td> <td>1</td> </tr> </table>	content:	complex	minOccurs:	1	maxOccurs:	1														
content:	complex																				
minOccurs:	1																				
maxOccurs:	1																				
Attributes	<table border="1"> <thead> <tr> <th>QName</th> <th>Type</th> <th>Fixed</th> <th>Default</th> <th>Use</th> </tr> </thead> <tbody> <tr> <td>annotation</td> <td>xsd:string</td> <td></td> <td></td> <td>optional</td> </tr> <tr> <td>source</td> <td>xsd:string</td> <td></td> <td></td> <td>optional</td> </tr> <tr> <td>version</td> <td>xsd:string</td> <td></td> <td></td> <td>optional</td> </tr> </tbody> </table>	QName	Type	Fixed	Default	Use	annotation	xsd:string			optional	source	xsd:string			optional	version	xsd:string			optional
QName	Type	Fixed	Default	Use																	
annotation	xsd:string			optional																	
source	xsd:string			optional																	
version	xsd:string			optional																	
Source	<pre> <xsd:element maxOccurs="1" minOccurs="1" name="assetType" type="sourceVersionStringType"> <xsd:annotation> <xsd:documentation xml:lang="en">"The descriptor assetKind indicates the broad editorial format of the asset's contents. AssetType describes the PBCore record as a whole and at its highest level. Though a record may contain many instantiations of different formats and generations, for example, assetType may be used to indicate that they all represent a "program" or a "clip." In FRBR language, assetType would be used to describe an asset at the "work" level. (Whereas "formatMediaType" would describe the "item" level.) This element is largely based on the EBUCore element ObjectType: http://www.ebu.ch/metadata/cs/ebu_ObjectTypeCodeCS.xml"</ xsd:documentation> </xsd:annotation> </xsd:element> </pre>																				

Element pbcoreDocumentDescriptionType / pbcoreAssetType / dateCreated

Namespace	http://www.pbcore.org/PBCore/PBCoreNamespace.html
Annotations	"This is the orginal date the asset was created."
Diagram	<pre> classDiagram class dateCreated { <<dateCreated Type xsd:string } class xsd:string { <<xsd:string Built-in primitive type. The string datatype represents character strings in XML. } </pre>
Type	xsd:string

Properties	content: simple minOccurs: 1 maxOccurs: 1
Source	<pre><xsd:element maxOccurs="1" minOccurs="1" name="dateCreated" type="xsd:string"> <xsd:annotation> <xsd:documentation xml:lang="en">"This is the orginal date the asset was created."</xsd:documentation> </xsd:annotation> </xsd:element></pre>

Element pbcoreDocumentDescriptionType / pbcoreIdentifier

Namespace	http://www.pbcore.org/PBCore/PBCoreNamespace.html
Diagram	<p>The diagram illustrates the relationship between the <code>pbcoreIdentifier</code> element and its components. It shows a central <code>pbcoreIdentifier</code> class connected to two other classes: <code>identifier</code> (Type <code>xsd:string</code>) and <code>identifierSource</code> (Type <code>sourceVersionStringType</code>). A callout box provides the definition for <code>identifier</code>: "The descriptor identifier is used to reference or identify the entire record of metadata descriptions for a media item...". Another callout box provides the definition for <code>identifierSource</code>: "The descriptor identifierSource is used in combination with the unambiguous reference or identifier for a media item...".</p>
Properties	content: complex minOccurs: 1 maxOccurs: unbounded
Model	identifier , identifierSource
Children	identifier, identifierSource
Instance	<pre><pbcoreIdentifier> <identifier>{1,1}</identifier> <identifierSource annotation="" source="" version="">{1,1}</identifierSource> </pbcoreIdentifier></pre>
Source	<pre><xsd:element maxOccurs="unbounded" minOccurs="1" name="pbcoreIdentifier"> <xsd:complexType> <xsd:sequence> <xsd:element maxOccurs="1" minOccurs="1" name="identifier" type="xsd:string"> <xsd:annotation> <xsd:documentation xml:lang="en">"The descriptor identifier is used to reference or identify the entire record of metadata descriptions for a media item and exists at the top level for a PBCore description and its associated description document (XML). Best practice is to identify the media item (whether analog or digital) by means of an unambiguous string or number corresponding to an established or formal identification system if one exists. Otherwise, use an identification method that is in use within your agency, station, production company, office, or institution."</xsd:documentation> </xsd:annotation> </xsd:element> <xsd:element maxOccurs="1" minOccurs="1" name="identifierSource" type="sourceVersionStringType"> <xsd:annotation> <xsd:documentation xml:lang="en">"The descriptor identifierSource is used in combination with the unambiguous reference or identifier for a media item found in the descriptor identifier. Thus PBCore provides not only a locator number, but also an agency or institution who assigned it. Both exist at the top level for a PBCore description and its associated description document (XML)."</xsd:documentation> </xsd:annotation> </xsd:element> </xsd:sequence> </xsd:complexType> </xsd:element></pre>

Element pbcoreDocumentDescriptionType / pbcoreIdentifier / identifier

Namespace	http://www.pbcore.org/PBCore/PBCoreNamespace.html						
Annotations	<p>"The descriptor identifier is used to reference or identify the entire record of metadata descriptions for a media item and exists at the top level for a PBCore description and its associated description document (XML). Best practice is to identify the media item (whether analog or digital) by means of an unambiguous string or number corresponding to an established or formal identification system if one exists. Otherwise, use an identification method that is in use within your agency, station, production company, office, or institution."</p>						
Diagram	<pre> classDiagram class identifier { <<identifier>> Type xsd:string } xsd:string identifier "1" --> xsd:string xsd:string "Built-in primitive type. The string datatype represents character strings in XML." identifier "The descriptor identifier is used to reference or identify the entire record of metadata descriptions for a media item..." </pre>						
Type	xsd:string						
Properties	<table border="1"> <tr> <td>content:</td> <td>simple</td> </tr> <tr> <td>minOccurs:</td> <td>1</td> </tr> <tr> <td>maxOccurs:</td> <td>1</td> </tr> </table>	content:	simple	minOccurs:	1	maxOccurs:	1
content:	simple						
minOccurs:	1						
maxOccurs:	1						
Source	<pre> <xsd:element maxOccurs="1" minOccurs="1" name="identifier" type="xsd:string"> <xsd:annotation> <xsd:documentation xml:lang="en">"The descriptor identifier is used to reference or identify the entire record of metadata descriptions for a media item and exists at the top level for a PBCore description and its associated description document (XML). Best practice is to identify the media item (whether analog or digital) by means of an unambiguous string or number corresponding to an established or formal identification system if one exists. Otherwise, use an identification method that is in use within your agency, station, production company, office, or institution."</xsd:documentation> </xsd:annotation> </xsd:element> </pre>						

Element pbcoreDocumentDescriptionType / pbcoreIdentifier / identifierSource

Namespace	http://www.pbcore.org/PBCore/PBCoreNamespace.html						
Annotations	<p>"The descriptor identifierSource is used in combination with the unambiguous reference or identifier for a media item found in the descriptor identifier. Thus PBCore provides not only a locator number, but also an agency or institution who assigned it. Both exist at the top level for a PBCore description and its associated description document (XML)."</p>						
Diagram	<pre> classDiagram class identifierSource { <<identifierSource>> Type sourceVersionStringType } sourceVersionStringType identifierSource "The descriptor identifierSource is used in combination with the unambiguous reference or identifier for a media item..." sourceVersionStringType "Base Type xsd:string" sourceVersionStringType "Built-in primitive type. The string datatype represents character strings in XML." sourceVersionStringType "attributes" sourceVersionGroup </pre>						
Type	sourceVersionStringType						
Properties	<table border="1"> <tr> <td>content:</td> <td>complex</td> </tr> <tr> <td>minOccurs:</td> <td>1</td> </tr> <tr> <td>maxOccurs:</td> <td>1</td> </tr> </table>	content:	complex	minOccurs:	1	maxOccurs:	1
content:	complex						
minOccurs:	1						
maxOccurs:	1						

Attributes	QName	Type	Fixed	Default	Use
	annotation	xsd:string			optional
	source	xsd:string			optional
	version	xsd:string			optional
Source	<pre><xsd:element maxOccurs="1" minOccurs="1" name="identifierSource" type="sourceVersionStringType"> <xsd:annotation> <xsd:documentation xml:lang="en">"The descriptor identifierSource is used in combination with the unambiguous reference or identifier for a media item found in the descriptor identifier. Thus PBCore provides not only a locator number, but also an agency or institution who assigned it. Both associated </xsd:annotation> </xsd:element></pre>				

Element pbcoreDocumentDescriptionType / pbcoreTitle

Namespace	http://www.pbcore.org/PBCore/PBCoreNamespace.html						
Diagram	<pre> classDiagram class pbcoreTitle class title { <<The descriptor title is a name given to the media item you are cataloging. It is the unique name everyone should use...>> } class titleType { <<The descriptor titleType is a companion metadata field associated with the descriptor title. For a title you give to a...>> } pbcoreTitle --o title pbcoreTitle --o titleType </pre>						
Properties	<table border="1"> <tr> <td>content:</td><td>complex</td></tr> <tr> <td>minOccurs:</td><td>1</td></tr> <tr> <td>maxOccurs:</td><td>unbounded</td></tr> </table>	content:	complex	minOccurs:	1	maxOccurs:	unbounded
content:	complex						
minOccurs:	1						
maxOccurs:	unbounded						
Model	title , titleType{0,1}						
Children	title, titleType						
Instance	<pre><pbcoreTitle> <title>{1,1}</title> <titleType annotation="" source="" version="">{0,1}</titleType> </pbcoreTitle></pre>						
Source	<pre><xsd:element maxOccurs="unbounded" minOccurs="1" name="pbcoreTitle"> <xsd:complexType> <xsd:sequence> <xsd:element maxOccurs="1" minOccurs="1" name="title" type="xsd:string"> <xsd:annotation> <xsd:documentation xml:lang="en">"The descriptor title is a name given to the media item you are cataloging. It is the unique name everyone should use to refer to or search for a particular media item. There are obviously many types of titles a media item may have, such as a series title, episode title, segment title, or project title. Use the descriptor titleType to indicate the type of title you are assigning to the media item."</xsd:documentation> </xsd:annotation> </xsd:element> <xsd:element maxOccurs="1" minOccurs="0" name="titleType" type="sourceVersionStringType"> <xsd:annotation> <xsd:documentation xml:lang="en">"The descriptor titleType is a companion metadata field associated with the descriptor title. For a title you give to a media item, you may wish to inform end users what type of title it is (see the picklist of recommended vocabulary terms)."</xsd:documentation> </xsd:element> </xsd:sequence> </xsd:complexType> </xsd:element></pre>						

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<xsd:documentation xml:lang="en">"Picklist at
http://www.pbcore.org/PBCore/picklists/
picklist_titleType.html"</xsd:documentation>
</xsd:annotation>
</xsd:element>
</xsd:sequence>
</xsd:complexType>
</xsd:element>

```

Element pbcoreDocumentDescriptionType / pbcoreTitle / title

Namespace	http://www.pbcore.org/PBCore/PBCoreNamespace.html						
Annotations	"The descriptor title is a name given to the media item you are cataloging. It is the unique name everyone should use to refer to or search for a particular media item. There are obviously many types of titles a media item may have, such as a series title, episode title, segment title, or project title. Use the descriptor titleType to indicate the type of title you are assigning to the media item."						
Diagram	<p>The descriptor title is a name given to the media item you are cataloging. It is the unique name everyone should use...</p> <p>Built-in primitive type. The string datatype represents character strings in XML.</p>						
Type	xsd:string						
Properties	<table border="1"> <tr> <td>content:</td> <td>simple</td> </tr> <tr> <td>minOccurs:</td> <td>1</td> </tr> <tr> <td>maxOccurs:</td> <td>1</td> </tr> </table>	content:	simple	minOccurs:	1	maxOccurs:	1
content:	simple						
minOccurs:	1						
maxOccurs:	1						
Source	<pre> <xsd:element maxOccurs="1" minOccurs="1" name="title" type="xsd:string"> <xsd:annotation> <xsd:documentation xml:lang="en">"The descriptor title is a name given to the media item you are cataloging. It is the unique name everyone should use to refer to or search for a particular media item. There are obviously many types of titles a media item may have, such as a series descriptor the media title, episode title, segment title, or project title. Use the titleType to indicate the type of title you are assigning to item."</xsd:documentation> </xsd:annotation> </xsd:element> </pre>						

Element pbcoreDocumentDescriptionType / pbcoreTitle / titleType

Namespace	http://www.pbcore.org/PBCore/PBCoreNamespace.html
Annotations	"The descriptor titleType is a companion metadata field associated with the descriptor title. For a title you give to a media item, you may wish to inform end users what type of title it is (see the picklist of recommended vocabulary terms)." "picklist at http://www.pbcore.org/PBCore/picklists/picklist_titleType.html"
Diagram	<p>The descriptor titleType is a companion metadata field associated with the descriptor title. For a title you give to a...</p> <p>sourceVersionStringType Base Type xsd:string</p> <p>Built-in primitive type. The string datatype represents character strings in XML.</p> <p>@ attributes</p> <p>+ sourceVersionGroup</p>
Type	sourceVersionStringType

Properties	content:	complex			
	minOccurs:	0			
	maxOccurs:	1			
Attributes	QName	Type	Fixed	Default	Use
	annotation	xsd:string			optional
	source	xsd:string			optional
	version	xsd:string			optional
Source	<pre><xsd:element maxOccurs="1" minOccurs="0" name="titleType" type="sourceVersionStringType"> <xsd:annotation> <xsd:documentation xml:lang="en">"The descriptor titleType is a companion metadata field associated with the descriptor title. For a title you give title it is (see the picklist of recommended vocabulary terms). "</xsd:documentation> <xsd:documentation xml:lang="en">"Picklist at http://www.pbcore.org/PBCore/picklists/ picklist_titleType.html"</xsd:documentation> </xsd:annotation> </xsd:element></pre>				

Element pbcoreDocumentDescriptionType / pbcoreSubject

Namespace	http://www.pbcore.org/PBCore/PBCoreNamespace.html
Diagram	<p>The diagram illustrates the relationship between the pbcoreSubject element and its children, subject and subjectAuthorityUsed. The pbcoreSubject element is shown with a yellow circular icon indicating multiplicity. It has two children: subject and subjectAuthorityUsed, each represented by a blue rounded rectangle. A callout box provides a detailed description of the subject element.</p> <p>subject Type subjectStringType </p> <p>"The descriptor subject is used to assign topical headings or keywords that portray the intellectual content of the..."</p> <p>subjectAuthorityUsed Type sourceVersionStringType </p> <p>"If subjects are assigned to a media item using the descriptor subject and the terms used are derived from a specific..."</p>
Properties	content: complex minOccurs: 0 maxOccurs: unbounded
Model	subject{0,1} , subjectAuthorityUsed{0,1}
Children	subject, subjectAuthorityUsed
Instance	<pre><pbcoreSubject> <subject annotation="" source="" subjectType="" version="">{0,1}</subject> <subjectAuthorityUsed annotation="" source="" version="">{0,1}</subjectAuthorityUsed> </pbcoreSubject></pre>
Source	<pre><xsd:element maxOccurs="unbounded" minOccurs="0" name="pbcoreSubject"> <xsd:complexType> <xsd:sequence> <xsd:element maxOccurs="1" minOccurs="0" name="subject" type="subjectStringType"> <xsd:annotation> <xsd:documentation xml:lang="en">"The descriptor subject is used to assign topical headings or keywords that portray the intellectual content of the media item you are cataloging. Typically, a subject is limited number of keywords, key phrases, or even specific codes. Controlled vocabularies, authorities, or formal schemes may be employed when assigning descriptive subject terms (rather than using random or ad hoc terminology)."</xsd:documentation> <xsd:documentation xml:lang="en">"Use reference at http://www.pbcore.org/PBCore/subject.html"</xsd:documentation> </xsd:annotation> </xsd:element> <xsd:element maxOccurs="1" minOccurs="0" name="subjectAuthorityUsed" type="sourceVersionStringType"> <xsd:annotation> <xsd:documentation xml:lang="en">"If subjects are assigned to a media item</pre>

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from a using the descriptor subject and the terms used are derived
subjectAuthorityUsed to specific authority or classification scheme, use
identify whose vocabularies and terms were used."</
xsd:documentation>
    </xsd:annotation>
    </xsd:element>
</xsd:sequence>
</xsd:complexType>
</xsd:element>

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Element pbcoreDocumentDescriptionType / pbcoreSubject / subject

Namespace	http://www.pbcore.org/PBCore/PBCoreNamespace.html																									
Annotations	<p>"The descriptor subject is used to assign topical headings or keywords that portray the intellectual content of the media item you are cataloging. Typically, a subject is expressed by a limited number of keywords, key phrases, or even specific classification codes. Controlled vocabularies, authorities, or formal classification schemes may be employed when assigning descriptive subject terms (rather than using random or ad hoc terminology)."</p> <p>"Use reference at http://www.pbcore.org/PBCore/subject.html"</p>																									
Diagram	<pre> classDiagram class subjectStringType { xsd:string @subjectType @source @version @annotation } </pre>																									
Type	subjectStringType																									
Properties	<table border="1"> <tr> <td>content:</td> <td>complex</td> </tr> <tr> <td>minOccurs:</td> <td>0</td> </tr> <tr> <td>maxOccurs:</td> <td>1</td> </tr> </table>	content:	complex	minOccurs:	0	maxOccurs:	1																			
content:	complex																									
minOccurs:	0																									
maxOccurs:	1																									
Attributes	<table border="1"> <thead> <tr> <th>QName</th> <th>Type</th> <th>Fixed</th> <th>Default</th> <th>Use</th> </tr> </thead> <tbody> <tr> <td>annotation</td> <td>xsd:string</td> <td></td> <td></td> <td>optional</td> </tr> <tr> <td>source</td> <td>xsd:string</td> <td></td> <td></td> <td>optional</td> </tr> <tr> <td>subjectType</td> <td>xsd:string</td> <td></td> <td></td> <td>optional</td> </tr> <tr> <td>version</td> <td>xsd:string</td> <td></td> <td></td> <td>optional</td> </tr> </tbody> </table>	QName	Type	Fixed	Default	Use	annotation	xsd:string			optional	source	xsd:string			optional	subjectType	xsd:string			optional	version	xsd:string			optional
QName	Type	Fixed	Default	Use																						
annotation	xsd:string			optional																						
source	xsd:string			optional																						
subjectType	xsd:string			optional																						
version	xsd:string			optional																						
Source	<pre> <xsd:element maxOccurs="1" minOccurs="0" name="subject" type="subjectStringType"> <xsd:annotation> <xsd:documentation xml:lang="en">"The descriptor subject is used to assign topical headings or keywords that portray the intellectual content of the expressed by a classification classification terms (rather than using random or ad hoc terminology)."</xsd:documentation> <xsd:documentation xml:lang="en">"Use reference at http://www.pbcore.org/PBCore/subject.html"</xsd:documentation> </xsd:annotation> </xsd:element> </pre>																									

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</xsd:annotation>
</xsd:element>
```

Element pbcoreDocumentDescriptionType / pbcoreSubject / subjectAuthorityUsed

Namespace	http://www.pbcore.org/PBCore/PBCoreNamespace.html																				
Annotations	"If subjects are assigned to a media item using the descriptor subject and the terms used are derived from a specific authority or classification scheme, use subjectAuthorityUsed to identify whose vocabularies and terms were used."																				
Diagram																					
Type	sourceVersionStringType																				
Properties	<table border="1"> <tr> <td>content:</td><td>complex</td></tr> <tr> <td>minOccurs:</td><td>0</td></tr> <tr> <td>maxOccurs:</td><td>1</td></tr> </table>	content:	complex	minOccurs:	0	maxOccurs:	1														
content:	complex																				
minOccurs:	0																				
maxOccurs:	1																				
Attributes	<table border="1"> <thead> <tr> <th>QName</th><th>Type</th><th>Fixed</th><th>Default</th><th>Use</th></tr> </thead> <tbody> <tr> <td>annotation</td><td>xsd:string</td><td></td><td></td><td>optional</td></tr> <tr> <td>source</td><td>xsd:string</td><td></td><td></td><td>optional</td></tr> <tr> <td>version</td><td>xsd:string</td><td></td><td></td><td>optional</td></tr> </tbody> </table>	QName	Type	Fixed	Default	Use	annotation	xsd:string			optional	source	xsd:string			optional	version	xsd:string			optional
QName	Type	Fixed	Default	Use																	
annotation	xsd:string			optional																	
source	xsd:string			optional																	
version	xsd:string			optional																	
Source	<pre><xsd:element maxOccurs="1" minOccurs="0" name="subjectAuthorityUsed" type="sourceVersionStringType"> <xsd:annotation> <xsd:documentation xml:lang="en">"If subjects are assigned to a media item using the descriptor subject and the terms used are derived from a specific authority or classification scheme, use subjectAuthorityUsed to identify whose vocabularies and terms were used."</ <xsd:documentation> </xsd:annotation> </xsd:element></pre>																				

Element pbcoreDocumentDescriptionType / pbcoreDescription

Namespace	http://www.pbcore.org/PBCore/PBCoreNamespace.html						
Diagram							
Properties	<table border="1"> <tr> <td>content:</td><td>complex</td></tr> <tr> <td>minOccurs:</td><td>1</td></tr> <tr> <td>maxOccurs:</td><td>unbounded</td></tr> </table>	content:	complex	minOccurs:	1	maxOccurs:	unbounded
content:	complex						
minOccurs:	1						
maxOccurs:	unbounded						
Model	description , descriptionType{0,1}						
Children	description, descriptionType						
Instance	<pre><pbcoreDescription> <description annotation="" endTime="" segmentType="" startTime="">{1,1}</description> <descriptionType annotation="" source="" version="">{0,1}</descriptionType></pre>						

	</pbcoreDescription>
Source	<pre> <xsd:element maxOccurs="unbounded" minOccurs="1" name="pbcoreDescription"> <xsd:complexType> <xsd:sequence> <xsd:element maxOccurs="1" minOccurs="1" name="description" type="descriptionStringType"> <xsd:annotation> <xsd:documentation xml:lang="en">"The metadata element description uses free-form text or a narrative to report general notes, abstracts, or summaries about the intellectual content of a media item you are giving an brief lists, tables of content."</xsd:documentation> </xsd:annotation> </xsd:element> <xsd:element maxOccurs="1" minOccurs="0" name="descriptionType" type="sourceVersionStringType"> <xsd:annotation> <xsd:documentation xml:lang="en">"The descriptor descriptionType is a companion metadata field to the element description. The purpose of description and flag the form of presentation for the information."</ <xsd:documentation> <xsd:documentation xml:lang="en">"Picklist at http://www.pbcore.org/PBCore/picklists/ picklist_descriptionType.html"</xsd:documentation> </xsd:annotation> </xsd:element> </xsd:sequence> </xsd:complexType> </xsd:element> </pre>

Element pbcoreDocumentDescriptionType / pbcoreDescription / description

Namespace	http://www.pbcore.org/PBCore/PBCoreNamespace.html
Annotations	"The metadata element description uses free-form text or a narrative to report general notes, abstracts, or summaries about the intellectual content of a media item you are cataloguing. The information may be in the form of a paragraph giving an individual program description, anecdotal interpretations, or brief content reviews. The description may also consist of outlines, lists, bullet points, rundowns, edit decision lists, indexes, or tables of content."
Diagram	<pre> classDiagram class descriptionStringType { @ startTime @ endTime @ segmentType @ annotation } xsd:string < -- descriptionStringType xsd:string "Built-in primitive type. The string datatype represents character strings in XML." </pre>
Type	descriptionStringType
Properties	content: complex

	minOccurs:	1			
	maxOccurs:	1			
Attributes	QName	Type	Fixed	Default	Use
	annotation	xsd:string			optional
	endTime	xsd:string			optional
	segmentType	xsd:string			optional
	startTime	xsd:string			optional
Source	<pre><xsd:element maxOccurs="1" minOccurs="1" name="description" type="descriptionStringType"> <xsd:annotation> <xsd:documentation xml:lang="en">"The metadata element description uses free-form text or a narrative to report general notes, abstracts, or summaries about the intellectual content of a media item you are giving an individual program description, anecdotal interpretations, or lists, content reviews. The description may also consist of outlines, bullet points, rundowns, edit decision lists, indexes, or tables of content."</xsd:documentation> </xsd:annotation> </xsd:element></pre>				

Element pbcoreDocumentDescriptionType / pbcoreDescription / descriptionType

Namespace	http://www.pbcore.org/PBCore/PBCoreNamespace.html																				
Annotations	<p>"The descriptor descriptionType is a companion metadata field to the element description. The purpose of descriptionType is to identify the nature of the actual description and flag the form of presentation for the information."</p> <p>"Picklist at http://www.pbcore.org/PBCore/picklists/picklist_descriptionType.html"</p>																				
Diagram	<pre> classDiagram class descriptionType { <<The descriptor descriptionType is a companion metadata field to the element description. The purpose of...>> } class sourceVersionStringType { <<sourceVersionStringType Base Type xsd:string >> } class xsdstring { <<Built-in primitive type. The string datatype represents character strings in XML. >> } class attributes { <<@ attributes sourceVersionGroup >> } descriptionType "1" -- "0..1" sourceVersionStringType : Type sourceVersionStringType "0..1" -- "1" xsdstring : Base Type xsdstring "*" -- "1" attributes : @ attributes </pre>																				
Type	sourceVersionStringType																				
Properties	<table border="1"> <tr> <td>content:</td> <td>complex</td> </tr> <tr> <td>minOccurs:</td> <td>0</td> </tr> <tr> <td>maxOccurs:</td> <td>1</td> </tr> </table>	content:	complex	minOccurs:	0	maxOccurs:	1														
content:	complex																				
minOccurs:	0																				
maxOccurs:	1																				
Attributes	<table border="1"> <tr> <td>QName</td><td>Type</td><td>Fixed</td><td>Default</td><td>Use</td></tr> <tr> <td>annotation</td><td>xsd:string</td><td></td><td></td><td>optional</td></tr> <tr> <td>source</td><td>xsd:string</td><td></td><td></td><td>optional</td></tr> <tr> <td>version</td><td>xsd:string</td><td></td><td></td><td>optional</td></tr> </table>	QName	Type	Fixed	Default	Use	annotation	xsd:string			optional	source	xsd:string			optional	version	xsd:string			optional
QName	Type	Fixed	Default	Use																	
annotation	xsd:string			optional																	
source	xsd:string			optional																	
version	xsd:string			optional																	
Source	<pre><xsd:element maxOccurs="1" minOccurs="0" name="descriptionType" type="sourceVersionStringType"> <xsd:annotation> <xsd:documentation xml:lang="en">"The descriptor descriptionType is a companion metadata field to the element description. The purpose of description and flag the form of presentation for the information."</ <xsd:documentation> <xsd:documentation xml:lang="en">"Picklist at</pre>																				

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http://www.pbcore.org/PBCore/picklists/
picklist_descriptionType.html"</xsd:documentation>
</xsd:annotation>
</xsd:element>

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Element pbcoreDocumentDescriptionType / pbcoreGenre

Namespace	http://www.pbcore.org/PBCore/PBCoreNamespace.html						
Diagram	<p>The descriptor genre describes the manner in which the intellectual content of a media item is presented, viewed or... If genre keywords are assigned to a media item using the descriptor genre and the terms used are derived from a...</p>						
Properties	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="padding: 2px;">content:</td><td style="padding: 2px;">complex</td></tr> <tr> <td style="padding: 2px;">minOccurs:</td><td style="padding: 2px;">0</td></tr> <tr> <td style="padding: 2px;">maxOccurs:</td><td style="padding: 2px;">unbounded</td></tr> </table>	content:	complex	minOccurs:	0	maxOccurs:	unbounded
content:	complex						
minOccurs:	0						
maxOccurs:	unbounded						
Model	genre{0,1} , genreAuthorityUsed{0,1}						
Children	genre, genreAuthorityUsed						
Instance	<pre><pbcoreGenre> <genre annotation="" source="" version="">{0,1}</genre> <genreAuthorityUsed annotation="" source="" version="">{0,1}</genreAuthorityUsed> </pbcoreGenre></pre>						
Source	<pre><xsd:element maxOccurs="unbounded" minOccurs="0" name="pbcoreGenre"> <xsd:complexType> <xsd:sequence> <xsd:element maxOccurs="1" minOccurs="0" name="genre" type="sourceVersionStringType"> <xsd:annotation> <xsd:documentation xml:lang="en">"The descriptor genre describes the manner in which the intellectual content of a media item is presented, viewed or heard by a user. It indicates the structure of the presentation, as well as the topical nature of the content in a generalized form."</xsd:documentation> <xsd:documentation xml:lang="en">"Picklist at http://www.pbcore.org/PBCore/picklists/picklist_genre.html"</ xsd:documentation> </xsd:annotation> </xsd:element> <xsd:element maxOccurs="1" minOccurs="0" name="genreAuthorityUsed" type="sourceVersionStringType"> <xsd:annotation> <xsd:documentation xml:lang="en">"If genre keywords are assigned to a media item using the descriptor genre and the terms used are derived from a specific authority or classification scheme, use identify whose vocabularies and terms were used. PBcore supplies its own picklist of terms, but others may be employed as long as the authority for a picklist is identified."</xsd:documentation> <xsd:documentation xml:lang="en">"When genreAuthorityUsed is not used, the default is understood to be PBCore Genre List.</ xsd:documentation> </xsd:annotation> </xsd:element> </xsd:sequence> </xsd:complexType> </xsd:element></pre>						

Element pbcoreDocumentDescriptionType / pbcoreGenre / genre

Namespace	http://www.pbcore.org/PBCore/PBCoreNamespace.html
Annotations	"The descriptor genre describes the manner in which the intellectual content of a media item is presented, viewed or heard by a user. It indicates the structure of the presentation, as well as the topical nature of the content in a generalized

	<p>form."</p> <p>"Picklist at http://www.pbcore.org/PBCore/picklists/picklist_genre.html"</p>																				
Diagram	<pre> classDiagram class sourceVersionStringType { <<sourceVersionStringType>> <<Base Type xsd:string>> <<xsd:string>> <<Built-in primitive type. The string datatype represents character strings in XML.>> <<@ attributes>> <<sourceVersionGroup>> } class genreAuthorityUsed { <<genreAuthorityUsed>> <<Type sourceVersionStringType>> } genreAuthorityUsed --> sourceVersionStringType </pre>																				
Type	sourceVersionStringType																				
Properties	<table border="1"> <tr> <td>content:</td> <td>complex</td> </tr> <tr> <td>minOccurs:</td> <td>0</td> </tr> <tr> <td>maxOccurs:</td> <td>1</td> </tr> </table>	content:	complex	minOccurs:	0	maxOccurs:	1														
content:	complex																				
minOccurs:	0																				
maxOccurs:	1																				
Attributes	<table border="1"> <thead> <tr> <th>QName</th> <th>Type</th> <th>Fixed</th> <th>Default</th> <th>Use</th> </tr> </thead> <tbody> <tr> <td>annotation</td> <td>xsd:string</td> <td></td> <td></td> <td>optional</td> </tr> <tr> <td>source</td> <td>xsd:string</td> <td></td> <td></td> <td>optional</td> </tr> <tr> <td>version</td> <td>xsd:string</td> <td></td> <td></td> <td>optional</td> </tr> </tbody> </table>	QName	Type	Fixed	Default	Use	annotation	xsd:string			optional	source	xsd:string			optional	version	xsd:string			optional
QName	Type	Fixed	Default	Use																	
annotation	xsd:string			optional																	
source	xsd:string			optional																	
version	xsd:string			optional																	
Source	<pre> <xsd:element maxOccurs="1" minOccurs="0" name="genre" type="sourceVersionStringType"> <xsd:annotation> <xsd:documentation xml:lang="en">"The descriptor genre describes the manner in which the intellectual content of a media item is presented, viewed or heard by a user. It indicates the structure of the presentation, as well as the topical nature of the content in a generalized form."</xsd:documentation> <xsd:documentation xml:lang="en">"Picklist at http://www.pbcore.org/PBCore/picklists/picklist_genre.html"</ xsd:documentation> </xsd:annotation> </xsd:element> </pre>																				

Element pbcoreDocumentDescriptionType / pbcoreGenre / genreAuthorityUsed

Namespace	http://www.pbcore.org/PBCore/PBCoreNamespace.html						
Annotations	<p>"If genre keywords are assigned to a media item using the descriptor genre and the terms used are derived from a specific authority or classification scheme, use genreAuthorityUsed to identify whose vocabularies and terms were used. PBcore supplies its own picklist of terms, but others may be employed as long as the authority for a picklist is identified."</p> <p>When genreAuthorityUsed is not used, the default is understood to be PBCore Genre List.</p>						
Diagram	<pre> classDiagram class sourceVersionStringType { <<sourceVersionStringType>> <<Base Type xsd:string>> <<xsd:string>> <<Built-in primitive type. The string datatype represents character strings in XML.>> <<@ attributes>> <<sourceVersionGroup>> } class genreAuthorityUsed { <<genreAuthorityUsed>> <<Type sourceVersionStringType>> } genreAuthorityUsed --> sourceVersionStringType </pre>						
Type	sourceVersionStringType						
Properties	<table border="1"> <tr> <td>content:</td> <td>complex</td> </tr> <tr> <td>minOccurs:</td> <td>0</td> </tr> <tr> <td>maxOccurs:</td> <td>1</td> </tr> </table>	content:	complex	minOccurs:	0	maxOccurs:	1
content:	complex						
minOccurs:	0						
maxOccurs:	1						

Attributes	QName	Type	Fixed	Default	Use
	annotation	xsd:string			optional
	source	xsd:string			optional
	version	xsd:string			optional
Source	<pre><xsd:element maxOccurs="1" minOccurs="0" name="genreAuthorityUsed" type="sourceVersionStringType"> <xsd:annotation> <xsd:documentation xml:lang="en">"If genre keywords are assigned to a media item using the descriptor genre and the terms used are derived from a genreAuthorityUsed to supplies its own authority for a picklist is identified."</xsd:documentation> <xsd:documentation xml:lang="en">When genreAuthorityUsed is not used, the default is understood to be PBcore Genre List.</ <xsd:documentation> </xsd:annotation> </xsd:element></pre>				

Element pbcoreDocumentDescriptionType / pbcoreRelation

Namespace	http://www.pbcore.org/PBCore/PBCoreNamespace.html
Diagram	
Properties	content: complex minOccurs: 0 maxOccurs: unbounded
Model	relationType{0,1} , relationIdentifier{0,1}
Children	relationIdentifier, relationType
Instance	<pre><pbcoreRelation> <relationType annotation="" source="" version="">{0,1}</relationType> <relationIdentifier annotation="" source="" version="">{0,1}</relationIdentifier> </pbcoreRelation></pre>
Source	<pre><xsd:element maxOccurs="unbounded" minOccurs="0" name="pbcoreRelation"> <xsd:complexType> <xsd:sequence> <xsd:element maxOccurs="1" minOccurs="0" name="relationType" type="sourceVersionStringType"> <xsd:annotation> <xsd:documentation xml:lang="en">"The descriptor relationType identifies the type of intellectual content bond between a media item you are cataloging and some other related media item."</xsd:documentation> <xsd:documentation xml:lang="en">"Picklist at http://www.pbcore.org/PBCore/picklists/ picklist_relationType.html"</xsd:documentation> </xsd:annotation> </xsd:element> <xsd:element maxOccurs="1" minOccurs="0" name="relationIdentifier" type="sourceVersionStringType"> <xsd:annotation> <xsd:documentation xml:lang="en">"Once the type of relationship between two media items is identified by using the descriptor relationType, then this companion descriptor relationIdentifier is used to provide a name, locator, accession, identification number or ID where the related item can be obtained or found. The cross reference uses a unique identifier."</xsd:documentation></pre>

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        </xsd:annotation>
    </xsd:element>
</xsd:sequence>
</xsd:complexType>
</xsd:element>

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Element pbcoreDocumentDescriptionType / pbcoreRelation / relationType

Namespace	http://www.pbcore.org/PBCore/PBCoreNamespace.html																				
Annotations	<p>"The descriptor relationType identifies the type of intellectual content bond between a media item you are cataloging and some other related media item."</p> <p>"picklist at http://www.pbcore.org/PBCore/picklists/picklist_relationType.html"</p>																				
Diagram	<pre> classDiagram class relationType { <<The descriptor relationType identifies the type of intellectual content bond between a media item you are cataloging...>> <<Picklist at http://www.pbcore.org/PBCore/picklists/picklist_relationType.html>> annotation source version } relationType < -- sourceVersionStringType sourceVersionStringType { <<sourceVersionStringType Base Type xsd:string <<xsd:string Built-in primitive type. The string datatype represents character strings in XML. <<@ attributes sourceVersionGroup } </pre>																				
Type	sourceVersionStringType																				
Properties	<table border="1"> <tr> <td>content:</td> <td>complex</td> </tr> <tr> <td>minOccurs:</td> <td>0</td> </tr> <tr> <td>maxOccurs:</td> <td>1</td> </tr> </table>	content:	complex	minOccurs:	0	maxOccurs:	1														
content:	complex																				
minOccurs:	0																				
maxOccurs:	1																				
Attributes	<table border="1"> <thead> <tr> <th>QName</th> <th>Type</th> <th>Fixed</th> <th>Default</th> <th>Use</th> </tr> </thead> <tbody> <tr> <td>annotation</td> <td>xsd:string</td> <td></td> <td></td> <td>optional</td> </tr> <tr> <td>source</td> <td>xsd:string</td> <td></td> <td></td> <td>optional</td> </tr> <tr> <td>version</td> <td>xsd:string</td> <td></td> <td></td> <td>optional</td> </tr> </tbody> </table>	QName	Type	Fixed	Default	Use	annotation	xsd:string			optional	source	xsd:string			optional	version	xsd:string			optional
QName	Type	Fixed	Default	Use																	
annotation	xsd:string			optional																	
source	xsd:string			optional																	
version	xsd:string			optional																	
Source	<pre> <xsd:element maxOccurs="1" minOccurs="0" name="relationType" type="sourceVersionStringType"> <xsd:annotation> <xsd:documentation xml:lang="en">"The descriptor relationType identifies the type of intellectual content bond between a media item you are cataloging and some other related media item."</xsd:documentation> <xsd:documentation xml:lang="en">"Picklist at http://www.pbcore.org/PBCore/picklists/ picklist_relationType.html"</xsd:documentation> </xsd:annotation> </xsd:element> </pre>																				

Element pbcoreDocumentDescriptionType / pbcoreRelation / relationIdentifier

Namespace	http://www.pbcore.org/PBCore/PBCoreNamespace.html
Annotations	<p>"Once the type of relationship between two media items is identified by using the descriptor relationType, then this companion descriptor relationIdentifier is used to provide a name, locator, accession, identification number or ID where the related item can be obtained or found. The cross reference uses a unique identifier."</p>
Diagram	<pre> classDiagram class relationIdentifier { <<Once the type of relationship between two media items is identified by using the descriptor relationType, then this... <<xsd:string Built-in primitive type. The string datatype represents character strings in XML. <<@ attributes sourceVersionGroup } relationIdentifier < -- sourceVersionStringType sourceVersionStringType { <<sourceVersionStringType Base Type xsd:string } </pre>

Type	sourceVersionStringType																							
Properties	content: complex minOccurs: 0 maxOccurs: 1																							
Attributes	<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th>QName</th> <th>Type</th> <th>Fixed</th> <th>Default</th> <th>Use</th> </tr> </thead> <tbody> <tr> <td>annotation</td> <td>xsd:string</td> <td></td> <td></td> <td>optional</td> </tr> <tr> <td>source</td> <td>xsd:string</td> <td></td> <td></td> <td>optional</td> </tr> <tr> <td>version</td> <td>xsd:string</td> <td></td> <td></td> <td>optional</td> </tr> </tbody> </table>				QName	Type	Fixed	Default	Use	annotation	xsd:string			optional	source	xsd:string			optional	version	xsd:string			optional
QName	Type	Fixed	Default	Use																				
annotation	xsd:string			optional																				
source	xsd:string			optional																				
version	xsd:string			optional																				
Source	<pre><xsd:element maxOccurs="1" minOccurs="0" name="relationIdentifier" type="sourceVersionStringType"> <xsd:annotation> <xsd:documentation xml:lang="en">"Once the type of relationship between two media items is identified by using the descriptor relationType, then this companion descriptor relationIdentifier is used to provide a name, locator, accession, identification number or ID where the related item can be obtained or found. The cross reference uses a unique identifier."</xsd:documentation> </xsd:annotation> </xsd:element></pre>																							

Element pbcoreDocumentDescriptionType / pbcoreCoverage

Namespace	http://www.pbcore.org/PBCore/PBCoreNamespace.html				
Diagram	<pre> classDiagram class pbcoreCoverage { coverage coverageType } coverage "1..0" --> "1..1" pbcoreCoverage coverageType "0..1" --> "1..1" pbcoreCoverage </pre> <p>The diagram shows the pbcoreCoverage class with two associations. The first association, labeled 'coverage', connects pbcoreCoverage to coverage (Type xsd:string) with multiplicity 1..0 to 1..1. The second association, labeled 'coverageType', connects pbcoreCoverage to coverageType (Type restriction of 'sourceVersionStringType') with multiplicity 0..1 to 1..1. A callout box provides a detailed description of the coverage association.</p>				
Properties	content: complex minOccurs: 0 maxOccurs: unbounded				
Model	coverage , coverageType				
Children	coverage, coverageType				
Instance	<pre><pbcoreCoverage> <coverage>{1,1}</coverage> <coverageType annotation="" source="" version="">{1,1}</coverageType> </pbcoreCoverage></pre>				
Source	<pre><xsd:element maxOccurs="unbounded" minOccurs="0" name="pbcoreCoverage"> <xsd:complexType> <xsd:sequence> <xsd:element maxOccurs="1" minOccurs="1" name="coverage" type="xsd:string"> <xsd:annotation> <xsd:documentation xml:lang="en">"The descriptor coverage uses keywords to identify a span of space or time that is expressed by the intellectual be may be allowable, if be event. The temporal identify the type of keywords that are being used."</xsd:documentation> <xsd:documentation xml:lang="en">"Use reference at http://www.pbcore.org/PBCore/coverage.html"</xsd:documentation> </xsd:annotation> </xsd:element> </xsd:sequence> </xsd:complexType> </xsd:element></pre>				

```

        </xsd:element>
        <xsd:element maxOccurs="1" minOccurs="1" name="coverageType">
            <xsd:complexType>
                <xsd:annotation>
                    <xsd:documentation xml:lang="en">"Whereas the PBCore metadata element coverage uses keywords and descriptors to identify a span of space or time that is expressed by the intellectual content of a media item, that are expressed content may be expressed temporally by a date, period, era, or time-based event. coverageType provides a picklist of coverage types, namely *spatial* or *temporal*."</xsd:documentation>
                </xsd:annotation>
                <xsd:simpleContent>
                    <!-- COME BACK TO THIS -->
                    <xsd:restriction base="sourceVersionStringType">
                        <xsd:enumeration value="Spatial"/>
                        <xsd:enumeration value="Temporal"/>
                    </xsd:restriction>
                </xsd:simpleContent>
            </xsd:complexType>
        </xsd:element>
    </xsd:sequence>
</xsd:complexType>
</xsd:element>

```

Element pbcoreDocumentDescriptionType / pbcoreCoverage / coverage

Namespace	http://www.pbcore.org/PBCore/PBCoreNamespace.html						
Annotations	<p>"The descriptor coverage uses keywords to identify a span of space or time that is expressed by the intellectual content of a media item. Coverage in intellectual content may be expressed spatially by geographic location. Actual place names may be used. Numeric coordinates and geo-spatial data are also allowable, if useful or supplied. Coverage in intellectual content may also be expressed temporally by a date, period, era, or time-based event. The PBCore metadata element coverage houses the actual spatial or temporal keywords. The companion descriptor coverageType is used to identify the type of keywords that are being used."</p> <p>"Use reference at http://www.pbcore.org/PBCore/coverage.html"</p>						
Diagram	<pre> classDiagram class coverage { <<coverage>> <<Type xsd:string>> } xsd:string coverage "1" -- "0..1" xsd:string </pre> <p>The descriptor coverage uses keywords to identify a span of space or time that is expressed by the intellectual...</p> <p>Built-in primitive type. The string datatype represents character strings in XML.</p>						
Type	xsd:string						
Properties	<table border="1"> <tr> <td>content:</td> <td>simple</td> </tr> <tr> <td>minOccurs:</td> <td>1</td> </tr> <tr> <td>maxOccurs:</td> <td>1</td> </tr> </table>	content:	simple	minOccurs:	1	maxOccurs:	1
content:	simple						
minOccurs:	1						
maxOccurs:	1						
Source	<pre> <xsd:element maxOccurs="1" minOccurs="1" name="coverage" type="xsd:string"> <xsd:annotation> <xsd:documentation xml:lang="en">"The descriptor coverage uses keywords to identify a span of space or time that is expressed by the intellectual content of a media item. Coverage in intellectual content may be expressed spatially by geographic location. Actual place names used. Numeric coordinates and geo-spatial data are also useful or supplied. Coverage in intellectual content may also be expressed temporally by a date, period, era, or time-based event. The </pre>						

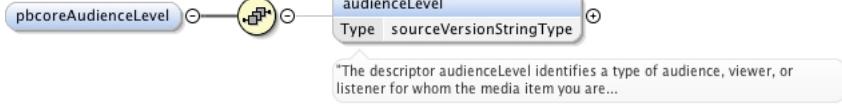
	<p>temporal</p> <p>identify the</p> <pre><xsd:documentation xml:lang="en">"Use reference at http://www.pbcore.org/PBCore/coverage.html"</xsd:documentation> </xsd:annotation> </xsd:element></pre>		<p>PBCore metadata element coverage houses the actual spatial or keywords. The companion descriptor coverageType is used to type of keywords that are being used."</xsd:documentation></p>
--	--	--	--

Element pbcoreDocumentDescriptionType / pbcoreCoverage / coverageType

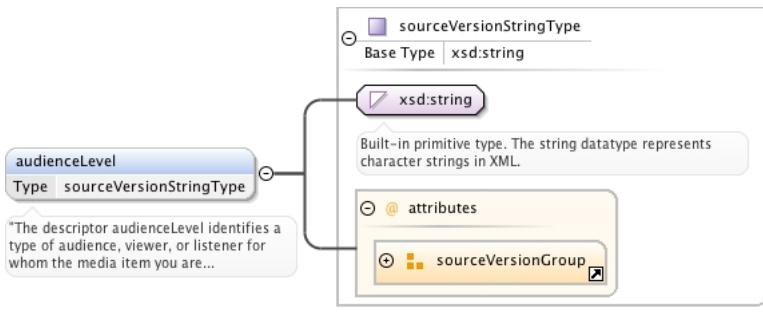
Namespace	http://www.pbcore.org/PBCore/PBCoreNamespace.html																								
Diagram	<pre> classDiagram sourceVersionStringType < -- coverageType sourceVersionStringType < -- xsd:string xsd:string "Built-in primitive type. The string datatype represents character strings in XML." xsd:string @attributes xsd:string --> sourceVersionGroup </pre>																								
Type	restriction of sourceVersionStringType																								
Type hierarchy	<ul style="list-style-type: none"> • xsd:string • sourceVersionStringType 																								
Properties	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td>content:</td> <td colspan="4">complex</td> </tr> <tr> <td>minOccurs:</td> <td colspan="4">1</td> </tr> <tr> <td>maxOccurs:</td> <td colspan="4">1</td> </tr> </table>					content:	complex				minOccurs:	1				maxOccurs:	1								
content:	complex																								
minOccurs:	1																								
maxOccurs:	1																								
Attributes	<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th>QName</th> <th>Type</th> <th>Fixed</th> <th>Default</th> <th>Use</th> </tr> </thead> <tbody> <tr> <td>annotation</td> <td>xsd:string</td> <td></td> <td></td> <td>optional</td> </tr> <tr> <td>source</td> <td>xsd:string</td> <td></td> <td></td> <td>optional</td> </tr> <tr> <td>version</td> <td>xsd:string</td> <td></td> <td></td> <td>optional</td> </tr> </tbody> </table>	QName	Type	Fixed	Default	Use	annotation	xsd:string			optional	source	xsd:string			optional	version	xsd:string			optional				
QName	Type	Fixed	Default	Use																					
annotation	xsd:string			optional																					
source	xsd:string			optional																					
version	xsd:string			optional																					
Source	<pre> <xsd:element maxOccurs="1" minOccurs="1" name="coverageType"> <xsd:complexType> <xsd:annotation> <xsd:documentation xml:lang="en">"Whereas the PBCore metadata element coverage uses keywords and descriptors to identify a span of space or time that is expressed by the intellectual content of a media item, coverageType is used to identify the actual type of keywords being used. Coverage in intellectual content may be spatially by geographic location. Coverage in intellectual also be expressed temporally by a date, period, era, or event. coverageType provides a picklist of coverage types, namely *spatial* or *temporal*. "</xsd:documentation> </xsd:annotation> <xsd:simpleContent> <!-- COME BACK TO THIS --> <xsd:restriction base="sourceVersionStringType"> <xsd:enumeration value="Spatial"/> <xsd:enumeration value="Temporal"/> </xsd:restriction> </xsd:simpleContent> </xsd:complexType> </xsd:element> </pre>																								

Element pbcoreDocumentDescriptionType / pbcoreAudienceLevel

Namespace	http://www.pbcore.org/PBCore/PBCoreNamespace.html
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Diagram	
Properties	<p>content: complex</p> <p>minOccurs: 0</p> <p>maxOccurs: unbounded</p>
Model	audienceLevel{0,1}
Children	audienceLevel
Instance	<pre><pbcoreAudienceLevel> <audienceLevel annotation="" source="" version="">{0,1}</audienceLevel> </pbcoreAudienceLevel></pre>
Source	<pre><xsd:element maxOccurs="unbounded" minOccurs="0" name="pbcoreAudienceLevel"> <xsd:complexType> <xsd:sequence> <xsd:element maxOccurs="1" minOccurs="0" name="audienceLevel" type="sourceVersionStringType"> <xsd:annotation> <xsd:documentation xml:lang="en">"The descriptor audienceLevel identifies a type of audience, viewer, or listener for whom the media item you are cataloging is primarily designed or educationally useful."</xsd:documentation> <xsd:documentation xml:lang="en">"Picklist at http://www.pbcore.org/PBCore/picklists/ picklist_audienceLevel.html"</xsd:documentation> </xsd:annotation> </xsd:element> </xsd:sequence> </xsd:complexType> </xsd:element></pre>

Element pbcoreDocumentDescriptionType / pbcoreAudienceLevel / audienceLevel

Namespace	http://www.pbcore.org/PBCore/PBCoreNamespace.html																				
Annotations	<p>"The descriptor audienceLevel identifies a type of audience, viewer, or listener for whom the media item you are cataloging is primarily designed or educationally useful."</p> <p>"Picklist at http://www.pbcore.org/PBCore/picklists/picklist_audienceLevel.html"</p>																				
Diagram																					
Type	sourceVersionStringType																				
Properties	<p>content: complex</p> <p>minOccurs: 0</p> <p>maxOccurs: 1</p>																				
Attributes	<table border="1"> <thead> <tr> <th>QName</th> <th>Type</th> <th>Fixed</th> <th>Default</th> <th>Use</th> </tr> </thead> <tbody> <tr> <td>annotation</td> <td>xsd:string</td> <td></td> <td></td> <td>optional</td> </tr> <tr> <td>source</td> <td>xsd:string</td> <td></td> <td></td> <td>optional</td> </tr> <tr> <td>version</td> <td>xsd:string</td> <td></td> <td></td> <td>optional</td> </tr> </tbody> </table>	QName	Type	Fixed	Default	Use	annotation	xsd:string			optional	source	xsd:string			optional	version	xsd:string			optional
QName	Type	Fixed	Default	Use																	
annotation	xsd:string			optional																	
source	xsd:string			optional																	
version	xsd:string			optional																	
Source	<pre><xsd:element maxOccurs="1" minOccurs="0" name="audienceLevel" type="sourceVersionStringType"> <xsd:annotation></pre>																				

```

<xsd:documentation xml:lang="en">"The descriptor audienceLevel identifies a
type of audience, viewer, or listener for whom the media item
you are
cataloging is primarily designed or educationally
useful."</xsd:documentation>
<xsd:documentation xml:lang="en">"Picklist at
http://www.pbcore.org/PBCore/picklists/
picklist_audienceLevel.html"</xsd:documentation>
</xsd:annotation>
</xsd:element>

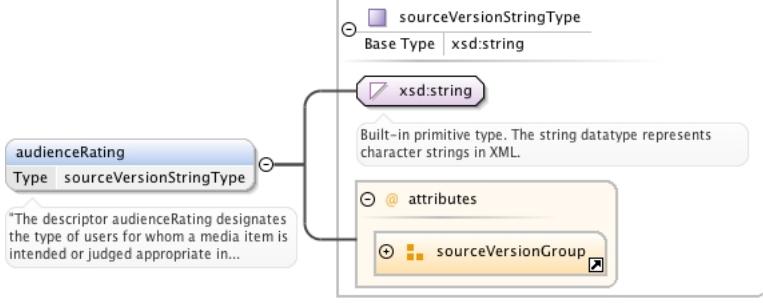
```

Element pbcoreDocumentDescriptionType / pbcoreAudienceRating

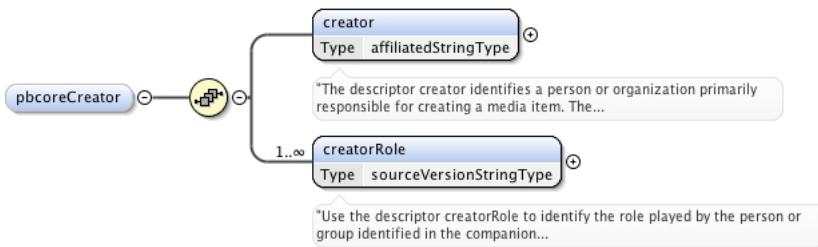
Namespace	http://www.pbcore.org/PBCore/PBCoreNamespace.html						
Diagram	<p>The descriptor audienceRating designates the type of users for whom a media item is intended or judged appropriate in...</p>						
Properties	<table border="1"> <tr> <td>content:</td><td>complex</td></tr> <tr> <td>minOccurs:</td><td>0</td></tr> <tr> <td>maxOccurs:</td><td>unbounded</td></tr> </table>	content:	complex	minOccurs:	0	maxOccurs:	unbounded
content:	complex						
minOccurs:	0						
maxOccurs:	unbounded						
Model	audienceRating{0,1}						
Children	audienceRating						
Instance	<pbcoreAudienceRating> <audienceRating annotation="" source="" version="">{0,1}</audienceRating> </pbcoreAudienceRating>						
Source	<xsd:element maxOccurs="unbounded" minOccurs="0" name="pbcoreAudienceRating"> <xsd:complexType> <xsd:sequence> <xsd:element maxOccurs="1" minOccurs="0" name="audienceRating" type="sourceVersionStringType"> <xsd:annotation> <xsd:documentation xml:lang="en">"The descriptor audienceRating designates the type of users for whom a media item is intended or judged appropriate in terms of its intellectual content. Standard ratings have been crafted by the broadcast television and film industries and are used as flags for audience or age-appropriate materials."</xsd:documentation> <xsd:documentation xml:lang="en">"Picklist at http://www.pbcore.org/PBCore/picklists/ picklist_audienceRating.html"</xsd:documentation> </xsd:annotation> </xsd:element> </xsd:sequence> </xsd:complexType> </xsd:element>						

Element pbcoreDocumentDescriptionType / pbcoreAudienceRating / audienceRating

Namespace	http://www.pbcore.org/PBCore/PBCoreNamespace.html
Annotations	<p>"The descriptor audienceRating designates the type of users for whom a media item is intended or judged appropriate in terms of its intellectual content. Standard ratings have been crafted by the broadcast television and film industries and are used as flags for audience or age-appropriate materials."</p> <p>"Picklist at http://www.pbcore.org/PBCore/picklists/picklist_audienceRating.html"</p>

Diagram																					
Type	sourceVersionStringType																				
Properties	<table border="1"> <tr> <td>content:</td><td>complex</td></tr> <tr> <td>minOccurs:</td><td>0</td></tr> <tr> <td>maxOccurs:</td><td>1</td></tr> </table>	content:	complex	minOccurs:	0	maxOccurs:	1														
content:	complex																				
minOccurs:	0																				
maxOccurs:	1																				
Attributes	<table border="1"> <thead> <tr> <th>QName</th><th>Type</th><th>Fixed</th><th>Default</th><th>Use</th></tr> </thead> <tbody> <tr> <td>annotation</td><td>xsd:string</td><td></td><td></td><td>optional</td></tr> <tr> <td>source</td><td>xsd:string</td><td></td><td></td><td>optional</td></tr> <tr> <td>version</td><td>xsd:string</td><td></td><td></td><td>optional</td></tr> </tbody> </table>	QName	Type	Fixed	Default	Use	annotation	xsd:string			optional	source	xsd:string			optional	version	xsd:string			optional
QName	Type	Fixed	Default	Use																	
annotation	xsd:string			optional																	
source	xsd:string			optional																	
version	xsd:string			optional																	
Source	<pre><xsd:element maxOccurs="1" minOccurs="0" name="audienceRating" type="sourceVersionStringType"> <xsd:annotation> <xsd:documentation xml:lang="en">"The descriptor audienceRating designates the type of users for whom a media item is intended or judged appropriate in terms of its intellectual content. Standard ratings have been crafted by the broadcast television and film industries and are used as flags for audience or age-appropriate materials."</xsd:documentation> <xsd:documentation xml:lang="en">"Picklist at http://www.pbcore.org/PBCore/picklists/ picklist_audienceRating.html"</xsd:documentation> </xsd:annotation> </xsd:element></pre>																				

Element pbcoreDocumentDescriptionType / pbcoreCreator

Namespace	http://www.pbcore.org/PBCore/PBCoreNamespace.html						
Diagram							
Properties	<table border="1"> <tr> <td>content:</td><td>complex</td></tr> <tr> <td>minOccurs:</td><td>0</td></tr> <tr> <td>maxOccurs:</td><td>unbounded</td></tr> </table>	content:	complex	minOccurs:	0	maxOccurs:	unbounded
content:	complex						
minOccurs:	0						
maxOccurs:	unbounded						
Model	creator , creatorRole+						
Children	creator, creatorRole						
Instance	<pre><pbcoreCreator> <creator affiliation="" annotation="" linkedID="">{1,1}</creator> <creatorRole annotation="" source="" version="">{1,unbounded}</creatorRole> </pbcoreCreator></pre>						
Source	<pre><xsd:element maxOccurs="unbounded" minOccurs="0" name="pbcoreCreator"> <xsd:complexType> <xsd:sequence> <xsd:element maxOccurs="1" minOccurs="1" name="creator" type="affiliatedStringType"> <xsd:annotation> <xsd:documentation xml:lang="en">"The descriptor creator identifies a person or organization primarily responsible for creating a media item. The... </xsd:documentation> </xsd:element> <xsd:element maxOccurs="1" minOccurs="1" name="creatorRole" type="sourceVersionStringType"> <xsd:annotation> <xsd:documentation xml:lang="en">"Use the descriptor creatorRole to identify the role played by the person or group identified in the companion... </xsd:documentation> </xsd:element> </xsd:sequence> </xsd:complexType> </xsd:element></pre>						

```

item. The or organization primarily responsible for creating a media
people, a creator may be considered an author and could be one or more
business, organization, group, project or service."</
xsd:documentation>
    </xsd:annotation>
</xsd:element>
<xsd:element maxOccurs="unbounded" minOccurs="1" name="creatorRole"
type="sourceVersionStringType">
    <xsd:annotation>
        <xsd:documentation xml:lang="en">"Use the descriptor creatorRole to identify
the role played by the person or group identified in the
companion
descriptor creator. Unlike print resources, there is usually no
single
role, like an author, who has primary responsibility for the
creation of
media items such as audio, video, film assets, and their
digital
renditions. For these media, creators can fill many different
roles, such
as the instructor for a video course, the interviewee from a
video
history program, or the director of a program or film (if they
are
identified as the primary creator for a media item)."</
xsd:documentation>
        <xsd:documentation xml:lang="en">"Picklist at
http://www.pbcore.org/PBCore/picklists/
picklist_creatorRole.html"</xsd:documentation>
    </xsd:annotation>
</xsd:element>
</xsd:sequence>
</xsd:complexType>
</xsd:element>

```

Element pbcoreDocumentDescriptionType / pbcoreCreator / creator

Namespace	http://www.pbcore.org/PBCore/PBCoreNamespace.html																				
Annotations	"The descriptor creator identifies a person or organization primarily responsible for creating a media item. The creator may be considered an author and could be one or more people, a business, organization, group, project or service."																				
Diagram	<p>The diagram shows the UML representation of the <code>creator</code> element. It is a complex type (<code>affiliatedStringType</code>) with three attributes: <code>affiliation</code>, <code>linkedID</code>, and <code>annotation</code>. A callout box contains the XML schema definition for the <code>creator</code> element, which describes it as identifying a person or organization primarily responsible for creating a media item.</p>																				
Type	affiliatedStringType																				
Properties	<table border="1"> <tbody> <tr> <td>content:</td> <td>complex</td> </tr> <tr> <td>minOccurs:</td> <td>1</td> </tr> <tr> <td>maxOccurs:</td> <td>1</td> </tr> </tbody> </table>	content:	complex	minOccurs:	1	maxOccurs:	1														
content:	complex																				
minOccurs:	1																				
maxOccurs:	1																				
Attributes	<table border="1"> <thead> <tr> <th>QName</th> <th>Type</th> <th>Fixed</th> <th>Default</th> <th>Use</th> </tr> </thead> <tbody> <tr> <td>affiliation</td> <td></td> <td></td> <td></td> <td>optional</td> </tr> <tr> <td>annotation</td> <td></td> <td></td> <td></td> <td>optional</td> </tr> <tr> <td>linkedID</td> <td></td> <td></td> <td></td> <td>optional</td> </tr> </tbody> </table>	QName	Type	Fixed	Default	Use	affiliation				optional	annotation				optional	linkedID				optional
QName	Type	Fixed	Default	Use																	
affiliation				optional																	
annotation				optional																	
linkedID				optional																	
Source	<pre> <xsd:element maxOccurs="1" minOccurs="1" name="creator" type="affiliatedStringType"> <xsd:annotation> <xsd:documentation xml:lang="en">"The descriptor creator identifies a person or organization primarily responsible for creating a media item. The </pre>																				

	<pre>people, a xsd:documentation> </xsd:annotation> </xsd:element></pre> <p style="margin-left: 20px;">creator may be considered an author and could be one or more business, organization, group, project or service."</</p>
--	---

Element pbcoreDocumentDescriptionType / pbcoreCreator / creatorRole

Namespace	http://www.pbcore.org/PBCore/PBCoreNamespace.html																				
Annotations	<p>"Use the descriptor creatorRole to identify the role played by the person or group identified in the companion descriptor creator. Unlike print resources, there is usually no single role, like an author, who has primary responsibility for the creation of media items such as audio, video, film assets, and their digital renditions. For these media, creators can fill many different roles, such as the instructor for a video course, the interviewee from a video history program, or the director of a program or film (if they are identified as the primary creator for a media item)."</p> <p>"Picklist at http://www.pbcore.org/PBCore/picklists/picklist_creatorRole.html"</p>																				
Diagram	<pre> classDiagram class creatorRole { <<sourceVersionStringType>> <<Type sourceVersionStringType>> } class xsdstring { <<Built-in primitive type. The string datatype represents character strings in XML.>> <<@ attributes>> <<sourceVersionGroup>> } creatorRole --> sourceVersionStringType sourceVersionStringType < -- xsdstring </pre>																				
Type	sourceVersionStringType																				
Properties	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td>content:</td> <td>complex</td> </tr> <tr> <td>minOccurs:</td> <td>1</td> </tr> <tr> <td>maxOccurs:</td> <td>unbounded</td> </tr> </table>	content:	complex	minOccurs:	1	maxOccurs:	unbounded														
content:	complex																				
minOccurs:	1																				
maxOccurs:	unbounded																				
Attributes	<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th>QName</th> <th>Type</th> <th>Fixed</th> <th>Default</th> <th>Use</th> </tr> </thead> <tbody> <tr> <td>annotation</td> <td>xsd:string</td> <td></td> <td></td> <td>optional</td> </tr> <tr> <td>source</td> <td>xsd:string</td> <td></td> <td></td> <td>optional</td> </tr> <tr> <td>version</td> <td>xsd:string</td> <td></td> <td></td> <td>optional</td> </tr> </tbody> </table>	QName	Type	Fixed	Default	Use	annotation	xsd:string			optional	source	xsd:string			optional	version	xsd:string			optional
QName	Type	Fixed	Default	Use																	
annotation	xsd:string			optional																	
source	xsd:string			optional																	
version	xsd:string			optional																	
Source	<pre><xsd:element maxOccurs="unbounded" minOccurs="1" name="creatorRole" type="sourceVersionStringType"> <xsd:annotation> <xsd:documentation xml:lang="en">"Use the descriptor creatorRole to identify the role played by the person or group identified in the companion single creation of digital roles, such video are as the instructor for a video course, the interviewee from a history program, or the director of a program or film (if they identified as the primary creator for a media item)."</ <xsd:documentation xml:lang="en">"Picklist at http://www.pbcore.org/PBCore/picklists/picklist_creatorRole.html"</xsd:documentation> </xsd:annotation> </xsd:element></pre>																				

Element pbcoreDocumentDescriptionType / pbcoreContributor

Namespace	http://www.pbcore.org/PBCore/PBCoreNamespace.html
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Diagram	<pre> classDiagram class pbcoreContributor { <<complex type>> } class contributor { <<affiliatedStringType>> } class contributorRole { <<sourceVersionStringType>> } pbcoreContributor "1..∞" --> contributor pbcoreContributor --> contributorRole </pre>						
Properties	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="padding: 2px;">content:</td><td style="padding: 2px;">complex</td></tr> <tr> <td style="padding: 2px;">minOccurs:</td><td style="padding: 2px;">0</td></tr> <tr> <td style="padding: 2px;">maxOccurs:</td><td style="padding: 2px;">unbounded</td></tr> </table>	content:	complex	minOccurs:	0	maxOccurs:	unbounded
content:	complex						
minOccurs:	0						
maxOccurs:	unbounded						
Model	contributor , contributorRole+						
Children	contributor, contributorRole						
Instance	<pre> <pbcoreContributor> <contributor affiliation="" annotation="" linkedID="">{1,1}</contributor> <contributorRole annotation="" source="" version="">{1,unbounded}</contributorRole> </pbcoreContributor> </pre>						
Source	<pre> <xsd:element maxOccurs="unbounded" minOccurs="0" name="pbcoreContributor"> <xsd:complexType> <xsd:sequence> <xsd:element maxOccurs="1" minOccurs="1" name="contributor" type="affiliatedStringType"> <xsd:annotation> <xsd:documentation xml:lang="en">"The descriptor contributor identifies a person or organization that has made substantial creative contributions to the intellectual content within a media item. This contribution is considered to be secondary to the primary author(s) (person or organization) identified in the descriptor creator."</ xsd:documentation> </xsd:annotation> </xsd:element> <xsd:element maxOccurs="unbounded" minOccurs="1" name="contributorRole" type="sourceVersionStringType"> <xsd:annotation> <xsd:documentation xml:lang="en">"Use the descriptor contributorRole to identify the role played by the person or group identified in the companion descriptor contributor."</xsd:documentation> <xsd:documentation xml:lang="en">"Picklist at http://www.pbcore.org/PBCore/picklists/ picklist_contributorRole.html"</xsd:documentation> </xsd:annotation> </xsd:element> </xsd:sequence> </xsd:complexType> </xsd:element> </pre>						

Element pbcoreDocumentDescriptionType / pbcoreContributor / contributor

Namespace	http://www.pbcore.org/PBCore/PBCoreNamespace.html
Annotations	<p>"The descriptor contributor identifies a person or organization that has made substantial creative contributions to the intellectual content within a media item. This contribution is considered to be secondary to the primary author(s) (person or organization) identified in the descriptor creator."</p>

Diagram	<pre> classDiagram contributorRole "Type affiliatedStringType" affiliatedStringType "Base Type xsd:string" xsdstring "xsd:string" xsdstring --> affiliatedStringType affiliatedStringType --> xsdstring xsdstring <--> attributes attributes &gt; affiliation attributes &gt; linkedID attributes &gt; annotation </pre>																				
Type	affiliatedStringType																				
Properties	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="padding: 2px;">content:</td><td style="padding: 2px;">complex</td></tr> <tr> <td style="padding: 2px;">minOccurs:</td><td style="padding: 2px;">1</td></tr> <tr> <td style="padding: 2px;">maxOccurs:</td><td style="padding: 2px;">1</td></tr> </table>	content:	complex	minOccurs:	1	maxOccurs:	1														
content:	complex																				
minOccurs:	1																				
maxOccurs:	1																				
Attributes	<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="padding: 2px;">QName</th><th style="padding: 2px;">Type</th><th style="padding: 2px;">Fixed</th><th style="padding: 2px;">Default</th><th style="padding: 2px;">Use</th></tr> </thead> <tbody> <tr> <td style="padding: 2px;">affiliation</td><td></td><td></td><td></td><td style="padding: 2px;">optional</td></tr> <tr> <td style="padding: 2px;">annotation</td><td></td><td></td><td></td><td style="padding: 2px;">optional</td></tr> <tr> <td style="padding: 2px;">linkedID</td><td></td><td></td><td></td><td style="padding: 2px;">optional</td></tr> </tbody> </table>	QName	Type	Fixed	Default	Use	affiliation				optional	annotation				optional	linkedID				optional
QName	Type	Fixed	Default	Use																	
affiliation				optional																	
annotation				optional																	
linkedID				optional																	
Source	<pre> <xsd:element maxOccurs="1" minOccurs="1" name="contributor" type="affiliatedStringType"> <xsd:annotation> <xsd:documentation xml:lang="en">"The descriptor contributor identifies a person or organization that has made substantial creative contributions to the intellectual content within a media item. This contribution is considered to be secondary to the primary author(s) (person or organization) identified in the descriptor creator."</xsd:documentation> </xsd:annotation> </xsd:element> </pre>																				

Element pbcoreDocumentDescriptionType / pbcoreContributor / contributorRole

Namespace	http://www.pbcore.org/PBCore/PBCoreNamespace.html															
Annotations	<p>"Use the descriptor contributorRole to identify the role played by the person or group identified in the companion descriptor contributor."</p> <p>"picklist at http://www.pbcore.org/PBCore/picklists/picklist_contributorRole.html"</p>															
Diagram	<pre> classDiagram contributorRole "Type sourceVersionStringType" sourceVersionStringType "Base Type xsd:string" xsdstring "xsd:string" xsdstring --> sourceVersionStringType sourceVersionStringType --> xsdstring xsdstring <--> attributes attributes &gt; sourceVersionGroup </pre>															
Type	sourceVersionStringType															
Properties	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="padding: 2px;">content:</td><td style="padding: 2px;">complex</td></tr> <tr> <td style="padding: 2px;">minOccurs:</td><td style="padding: 2px;">1</td></tr> <tr> <td style="padding: 2px;">maxOccurs:</td><td style="padding: 2px;">unbounded</td></tr> </table>	content:	complex	minOccurs:	1	maxOccurs:	unbounded									
content:	complex															
minOccurs:	1															
maxOccurs:	unbounded															
Attributes	<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="padding: 2px;">QName</th><th style="padding: 2px;">Type</th><th style="padding: 2px;">Fixed</th><th style="padding: 2px;">Default</th><th style="padding: 2px;">Use</th></tr> </thead> <tbody> <tr> <td style="padding: 2px;">annotation</td><td style="padding: 2px;">xsd:string</td><td></td><td></td><td style="padding: 2px;">optional</td></tr> <tr> <td style="padding: 2px;">source</td><td style="padding: 2px;">xsd:string</td><td></td><td></td><td style="padding: 2px;">optional</td></tr> </tbody> </table>	QName	Type	Fixed	Default	Use	annotation	xsd:string			optional	source	xsd:string			optional
QName	Type	Fixed	Default	Use												
annotation	xsd:string			optional												
source	xsd:string			optional												

	QName	Type	Fixed	Default	Use
	version	xsd:string			optional
Source		<xsd:element maxOccurs="unbounded" minOccurs="1" name="contributorRole" type="sourceVersionStringType"> <xsd:annotation> <xsd:documentation xml:lang="en">"Use the descriptor contributorRole to identify the role played by the person or group identified in the companion descriptor contributor."</xsd:documentation> <xsd:documentation xml:lang="en">"Picklist at http://www.pbcore.org/PBCore/picklists/picklist_contributorRole.html"</xsd:documentation> </xsd:annotation> </xsd:element>			

Element pbcoreDocumentDescriptionType / pbcorePublisher

Namespace	http://www.pbcore.org/PBCore/PBCoreNamespace.html						
Diagram							
Properties	<table border="1"> <tr> <td>content:</td><td>complex</td></tr> <tr> <td>minOccurs:</td><td>0</td></tr> <tr> <td>maxOccurs:</td><td>unbounded</td></tr> </table>	content:	complex	minOccurs:	0	maxOccurs:	unbounded
content:	complex						
minOccurs:	0						
maxOccurs:	unbounded						
Model	publisher , publisherRole+						
Children	publisher, publisherRole						
Instance	<pbcorePublisher> <publisher affiliation="" annotation="" linkedID="">{1,1}</publisher> <publisherRole annotation="" source="" version="">{1,unbounded}</publisherRole> </pbcorePublisher>						
Source	<xsd:element maxOccurs="unbounded" minOccurs="0" name="pbcorePublisher"> <xsd:complexType> <xsd:sequence> <xsd:element maxOccurs="1" minOccurs="1" name="publisher" type="affiliatedStringType"> <xsd:annotation> <xsd:documentation xml:lang="en">"The descriptor publisher identifies a person or organization primarily responsible for distributing or making a media item available to others. The publisher may be a person, a business, organization, group, project or service."</xsd:documentation> </xsd:annotation> </xsd:element> <xsd:element maxOccurs="unbounded" minOccurs="1" name="publisherRole" type="sourceVersionStringType"> <xsd:annotation> <xsd:documentation xml:lang="en">"Use the descriptor publisherRole to identify the role played by the specific publisher or publishing entity identified in the companion descriptor publisher."</xsd:documentation> <xsd:documentation xml:lang="en">"Picklist at http://www.pbcore.org/PBCore/picklists/picklist_publisherRole.html"</xsd:documentation> </xsd:annotation> </xsd:element> </xsd:sequence> </xsd:complexType> </xsd:element>						

Element pbcoreDocumentDescriptionType / pbcorePublisher / publisher

Namespace	http://www.pbcore.org/PBCore/PBCoreNamespace.html
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Annotations	"The descriptor publisher identifies a person or organization primarily responsible for distributing or making a media item available to others. The publisher may be a person, a business, organization, group, project or service."																				
Diagram	<pre> classDiagram publisher "Type affiliatedStringType" publisher --> affiliatedStringType affiliatedStringType "Base Type xsd:string" affiliatedStringType --> xsdString xsdString "Built-in primitive type. The string datatype represents character strings in XML." xsdString --> attributes attributes "Attributes" attributes --> affiliation attributes --> linkedID attributes --> annotation </pre>																				
Type	affiliatedStringType																				
Properties	<table border="1"> <tr> <td>content:</td> <td>complex</td> </tr> <tr> <td>minOccurs:</td> <td>1</td> </tr> <tr> <td>maxOccurs:</td> <td>1</td> </tr> </table>	content:	complex	minOccurs:	1	maxOccurs:	1														
content:	complex																				
minOccurs:	1																				
maxOccurs:	1																				
Attributes	<table border="1"> <thead> <tr> <th>QName</th> <th>Type</th> <th>Fixed</th> <th>Default</th> <th>Use</th> </tr> </thead> <tbody> <tr> <td>affiliation</td> <td></td> <td></td> <td></td> <td>optional</td> </tr> <tr> <td>annotation</td> <td></td> <td></td> <td></td> <td>optional</td> </tr> <tr> <td>linkedID</td> <td></td> <td></td> <td></td> <td>optional</td> </tr> </tbody> </table>	QName	Type	Fixed	Default	Use	affiliation				optional	annotation				optional	linkedID				optional
QName	Type	Fixed	Default	Use																	
affiliation				optional																	
annotation				optional																	
linkedID				optional																	
Source	<pre> <xsd:element maxOccurs="1" minOccurs="1" name="publisher" type="affiliatedStringType"> <xsd:annotation> <xsd:documentation xml:lang="en">"The descriptor publisher identifies a person or organization primarily responsible for distributing or making a media item available to others. The publisher may be a person, a business, organization, group, project or service."</xsd:documentation> </xsd:annotation> </xsd:element> </pre>																				

Element pbcoreDocumentDescriptionType / pbcorePublisher / publisherRole

Namespace	http://www.pbcore.org/PBCore/PBCoreNamespace.html						
Annotations	<p>"Use the descriptor publisherRole to identify the role played by the specific publisher or publishing entity identified in the companion descriptor publisher."</p> <p>"Picklist at http://www.pbcore.org/PBCore/picklists/picklist_publisherRole.html"</p>						
Diagram	<pre> classDiagram publisherRole "Type sourceVersionStringType" publisherRole --> sourceVersionStringType sourceVersionStringType "Base Type xsd:string" sourceVersionStringType --> xsdString xsdString "Built-in primitive type. The string datatype represents character strings in XML." xsdString --> attributes attributes "Attributes" attributes --> sourceVersionGroup </pre>						
Type	sourceVersionStringType						
Properties	<table border="1"> <tr> <td>content:</td> <td>complex</td> </tr> <tr> <td>minOccurs:</td> <td>1</td> </tr> <tr> <td>maxOccurs:</td> <td>unbounded</td> </tr> </table>	content:	complex	minOccurs:	1	maxOccurs:	unbounded
content:	complex						
minOccurs:	1						
maxOccurs:	unbounded						

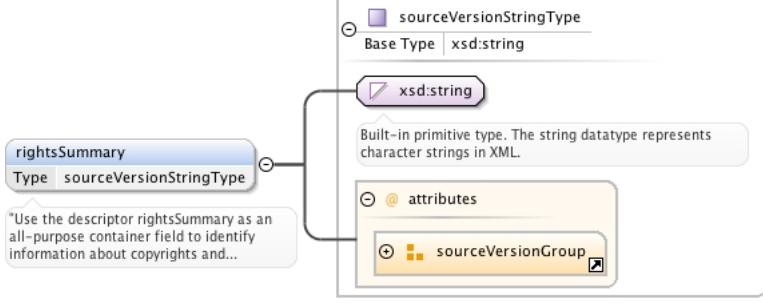
Attributes	QName	Type	Fixed	Default	Use
	annotation	xsd:string			optional
	source	xsd:string			optional
	version	xsd:string			optional
Source	<pre><xsd:element maxOccurs="unbounded" minOccurs="1" name="publisherRole" type="sourceVersionStringType"> <xsd:annotation> <xsd:documentation xml:lang="en">"Use the descriptor publisherRole to identify the role played by the specific publisher or publishing entity identified in the companion descriptor publisher."</ <xsd:documentation xml:lang="en">"Picklist at http://www.pbcore.org/PBCore/picklists/ picklist_publisherRole.html"</xsd:documentation> </xsd:annotation> </xsd:element></pre>				

Element pbcoreDocumentDescriptionType / pbcoreRightsSummary

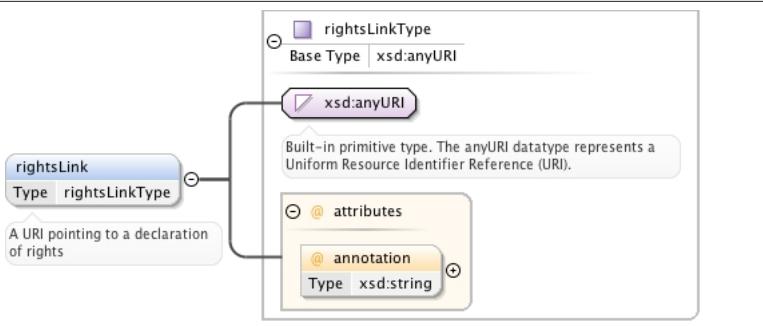
Namespace	http://www.pbcore.org/PBCore/PBCoreNamespace.html						
Annotations	"The Rights for all Instantiations or General Rights."						
Diagram	<pre> classDiagram class pbcoreRightsSummary { <<The Rights for all Instantiations or General Rights.>> } class rightsSummaryType { <<rightsSummary Type sourceVersionStringType "Use the descriptor rightsSummary as an all-purpose container field to identify information about copyrights and... "The Rights for all Instantiations or General Rights." >> } pbcoreRightsSummary < -- rightsSummaryType pbcoreRightsSummary --> rightsSummary : Type sourceVersionStringType pbcoreRightsSummary --> rightsLink : Type rightsLinkType pbcoreRightsSummary --> rightsEmbedded : Type embeddedType </pre>						
Type	rightsSummaryType						
Properties	<table border="1"> <tr> <td>content:</td> <td>complex</td> </tr> <tr> <td>minOccurs:</td> <td>0</td> </tr> <tr> <td>maxOccurs:</td> <td>unbounded</td> </tr> </table>	content:	complex	minOccurs:	0	maxOccurs:	unbounded
content:	complex						
minOccurs:	0						
maxOccurs:	unbounded						
Model	rightsSummary{0,1} rightsLink{0,1} rightsEmbedded{0,1}						
Children	rightsEmbedded, rightsLink, rightsSummary						
Instance	<pre> <pbcoreRightsSummary> <rightsSummary annotation="" source="" version="">{0,1}</rightsSummary> <rightsLink annotation="">{0,1}</rightsLink> <rightsEmbedded annotation="">{0,1}</rightsEmbedded> </pbcoreRightsSummary> </pre>						
Source	<pre> <xsd:element name="pbcoreRightsSummary" type="rightsSummaryType" maxOccurs="unbounded" minOccurs="0"> <xsd:annotation> <xsd:documentation xml:lang="en">"The Rights for all Instantiations or General Rights."</xsd:documentation> </xsd:annotation> </xsd:element> </pre>						

Element rightsSummaryType / rightsSummary

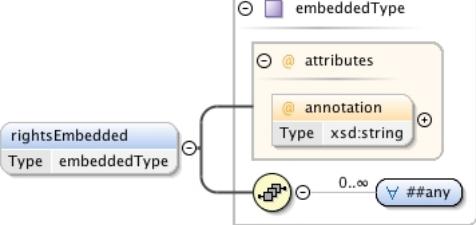
Namespace	http://www.pbcore.org/PBCore/PBCoreNamespace.html
Annotations	"Use the descriptor rightsSummary as an all-purpose container field to identify information about copyrights and property rights held in and over a media item, whether they are open access or restricted in some way. If dates, times and availability periods are associated with a right, include them. End user permissions, constraints and obligations may also be identified, as needed."

Diagram																					
Type	sourceVersionStringType																				
Properties	<table border="1"> <tr> <td>content:</td><td>complex</td></tr> <tr> <td>minOccurs:</td><td>0</td></tr> <tr> <td>maxOccurs:</td><td>1</td></tr> </table>	content:	complex	minOccurs:	0	maxOccurs:	1														
content:	complex																				
minOccurs:	0																				
maxOccurs:	1																				
Attributes	<table border="1"> <thead> <tr> <th>QName</th><th>Type</th><th>Fixed</th><th>Default</th><th>Use</th></tr> </thead> <tbody> <tr> <td>annotation</td><td>xsd:string</td><td></td><td></td><td>optional</td></tr> <tr> <td>source</td><td>xsd:string</td><td></td><td></td><td>optional</td></tr> <tr> <td>version</td><td>xsd:string</td><td></td><td></td><td>optional</td></tr> </tbody> </table>	QName	Type	Fixed	Default	Use	annotation	xsd:string			optional	source	xsd:string			optional	version	xsd:string			optional
QName	Type	Fixed	Default	Use																	
annotation	xsd:string			optional																	
source	xsd:string			optional																	
version	xsd:string			optional																	
Source	<pre><xsd:element maxOccurs="1" minOccurs="0" name="rightsSummary" type="sourceVersionStringType"> <xsd:annotation> <xsd:documentation xml:lang="en">"Use the descriptor rightsSummary as an all-purpose container field to identify information about copyrights and property rights held in and over a media item, whether they are open access or restricted in some way. If dates, times and availability periods are associated with a right, include them. End user permissions, constraints and obligations may also be identified, as needed."</xsd:documentation> </xsd:annotation> </xsd:element></pre>																				

Element rightsSummary / rightsLink

Namespace	http://www.pbcore.org/PBCore/PBCoreNamespace.html										
Annotations	A URI pointing to a declaration of rights										
Diagram											
Type	rightsLinkType										
Properties	<table border="1"> <tr> <td>content:</td><td>complex</td></tr> <tr> <td>minOccurs:</td><td>0</td></tr> <tr> <td>maxOccurs:</td><td>1</td></tr> </table>	content:	complex	minOccurs:	0	maxOccurs:	1				
content:	complex										
minOccurs:	0										
maxOccurs:	1										
Attributes	<table border="1"> <thead> <tr> <th>QName</th><th>Type</th><th>Fixed</th><th>Default</th><th>Use</th></tr> </thead> <tbody> <tr> <td>annotation</td><td>xsd:string</td><td></td><td></td><td>optional</td></tr> </tbody> </table>	QName	Type	Fixed	Default	Use	annotation	xsd:string			optional
QName	Type	Fixed	Default	Use							
annotation	xsd:string			optional							
Source	<pre><xsd:element maxOccurs="1" minOccurs="0" name="rightsLink" type="rightsLinkType"> <xsd:annotation> <xsd:documentation>A URI pointing to a declaration of rights</xsd:documentation> </xsd:annotation> </xsd:element></pre>										

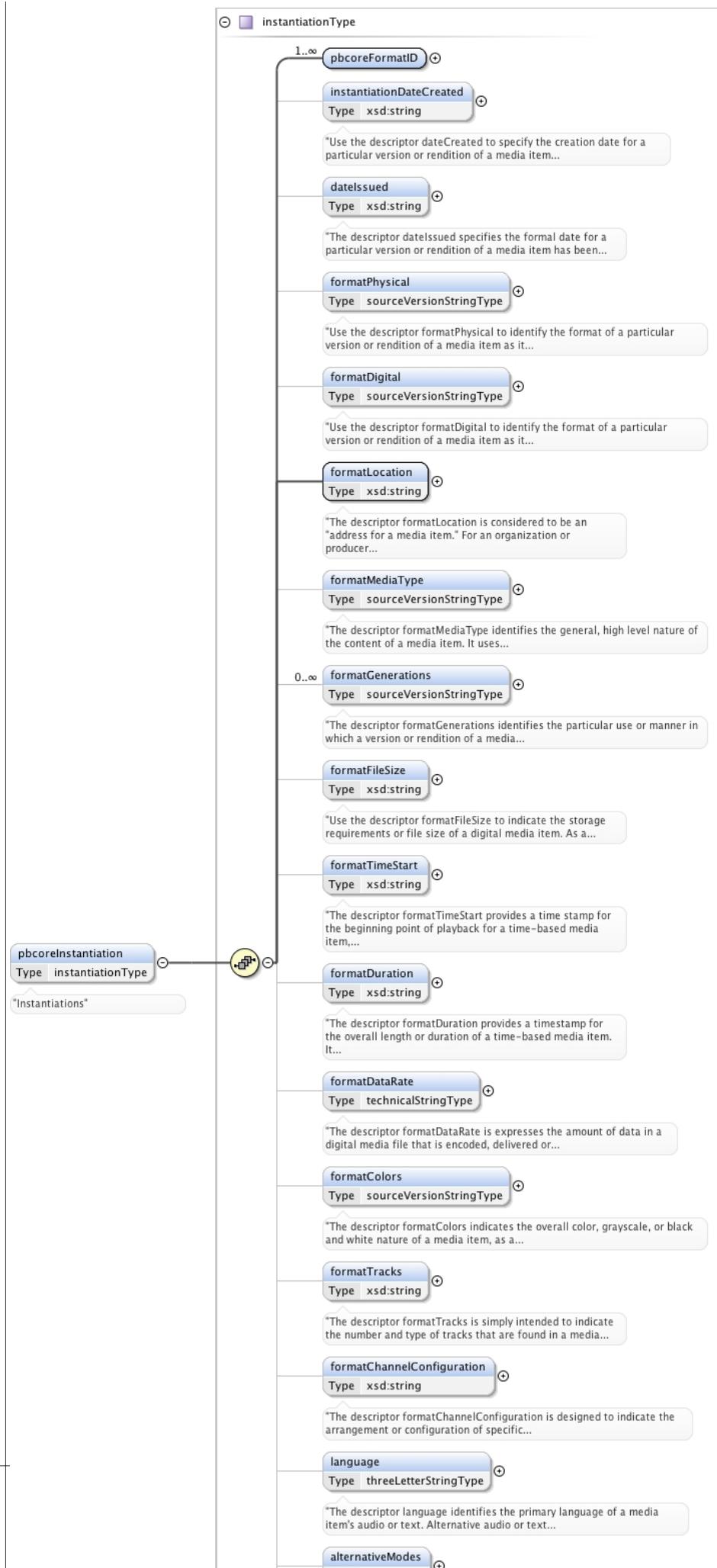
Element rightsSummaryType / rightsEmbedded

Namespace	http://www.pbcore.org/PBCore/PBCoreNamespace.html										
Diagram	 <pre> classDiagram class rightsEmbedded { <<embeddedType>> <<attributes>> <<annotation>> <<#any>> } rightsEmbedded < -- embeddedType embeddedType < -- attributes attributes < -- annotation annotation < -- xsd:string xsd:string < -- Type xsd:string < -- #any </pre>										
Type	embeddedType										
Properties	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="padding: 2px;">content:</td><td style="padding: 2px;">complex</td></tr> <tr> <td style="padding: 2px;">minOccurs:</td><td style="padding: 2px;">0</td></tr> <tr> <td style="padding: 2px;">maxOccurs:</td><td style="padding: 2px;">1</td></tr> </table>	content:	complex	minOccurs:	0	maxOccurs:	1				
content:	complex										
minOccurs:	0										
maxOccurs:	1										
Model	ANY element from ANY namespace										
Attributes	<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 20%;">QName</th><th style="width: 20%;">Type</th><th style="width: 20%;">Fixed</th><th style="width: 20%;">Default</th><th style="width: 20%;">Use</th></tr> </thead> <tbody> <tr> <td style="padding: 2px;">annotation</td><td style="padding: 2px;">xsd:string</td><td style="padding: 2px;"></td><td style="padding: 2px;"></td><td style="padding: 2px;">optional</td></tr> </tbody> </table>	QName	Type	Fixed	Default	Use	annotation	xsd:string			optional
QName	Type	Fixed	Default	Use							
annotation	xsd:string			optional							
Source	<xsd:element name="rightsEmbedded" type="embeddedType" maxOccurs="1" minOccurs="0"/>										

Element pbcoreDocumentDescriptionType / pbcoreInstantiation

Namespace	http://www.pbcore.org/PBCore/PBCoreNamespace.html
Annotations	"Instantiations"

Diagram



Type	instantiationType
Properties	content: complex minOccurs: 0 maxOccurs: unbounded
Model	pbcoreFormatID+, instantiationDateCreated{0,1}, dateIssued{0,1}, formatPhysical{0,1}, formatDigital{0,1}, formatLocation, formatMediaType{0,1}, formatGenerations*, formatFileSize{0,1}, formatTimeStart{0,1}, formatDuration{0,1}, formatDataRate{0,1}, formatColors{0,1}, formatTracks{0,1}, formatChannelConfiguration{0,1}, language{0,1}, alternativeModes{0,1}, pbcoreEssenceTrack*, pbcoreDateAvailable*, instantiationRights*, instantiationPart*, pbcoreAnnotation*
Children	alternativeModes, dateIssued, formatChannelConfiguration, formatColors, formatDataRate, formatDigital, formatDuration, formatFileSize, formatGenerations, formatLocation, formatMediaType, formatPhysical, formatTimeStart, formatTracks, instantiationDateCreated, instantiationPart, instantiationRights, language, pbcoreAnnotation, pbcoreDateAvailable, pbcoreEssenceTrack, pbcoreFormatID
Instance	<pre><pbcoreInstantiation> <pbcoreFormatID>{1,unbounded}</pbcoreFormatID> <instantiationDateCreated>{0,1}</instantiationDateCreated> <dateIssued>{0,1}</dateIssued> <formatPhysical annotation="" source="" version="">{0,1}</formatPhysical> <formatDigital annotation="" source="" version="">{0,1}</formatDigital> <formatLocation>{1,1}</formatLocation> <formatMediaType annotation="" source="" version="">{0,1}</formatMediaType> <formatGenerations annotation="" source="" version="">{0,unbounded}</formatGenerations> <formatFileSize>{0,1}</formatFileSize> <formatTimeStart>{0,1}</formatTimeStart> <formatDuration>{0,1}</formatDuration> <formatDataRate annotation="" unitsOfMeasure="">{0,1}</formatDataRate> <formatColors annotation="" source="" version="">{0,1}</formatColors> <formatTracks>{0,1}</formatTracks> <formatChannelConfiguration>{0,1}</formatChannelConfiguration> <language annotation="" source="" version="">{0,1}</language> <alternativeModes>{0,1}</alternativeModes> <pbcoreEssenceTrack>{0,unbounded}</pbcoreEssenceTrack> <pbcoreDateAvailable>{0,unbounded}</pbcoreDateAvailable> <instantiationRights>{0,unbounded}</instantiationRights> <instantiationPart annotation="" relationID="" relationType="">{0,unbounded}</instantiationPart> <pbcoreAnnotation>{0,unbounded}</pbcoreAnnotation> </pbcoreInstantiation></pre>
Source	<pre><xsd:element maxOccurs="unbounded" minOccurs="0" name="pbcoreInstantiation" type="instantiationType"> <xsd:annotation> <xsd:documentation xml:lang="en">"Instantiations"</xsd:documentation> </xsd:annotation> </xsd:element></pre>

Element instantiationType / pbcoreFormatID

Namespace	http://www.pbcore.org/PBCore/PBCoreNamespace.html
Diagram	<pre> classDiagram class pbcoreFormatID class formatIdentifier class formatIdentifierSource pbcoreFormatID "0..1" -- "1..1" formatIdentifier pbcoreFormatID "0..1" -- "1..1" formatIdentifierSource </pre> <p>The diagram illustrates the relationship between the pbcoreFormatID element and its associated components. A central pbcoreFormatID node is connected via a multiplicity of 0..1 to two other nodes: formatIdentifier and formatIdentifierSource. Both connections are marked with a circled plus sign (+), indicating they are optional but can occur at most once. A callout box provides a detailed explanation of the formatIdentifier component.</p>
Properties	content: complex minOccurs: 1 maxOccurs: unbounded
Model	formatIdentifier, formatIdentifierSource
Children	formatIdentifier, formatIdentifierSource
Instance	<pre><pbcoreFormatID> <formatIdentifier>{1,1}</formatIdentifier> <formatIdentifierSource annotation="" source="" version="">{1,1}</formatIdentifierSource> </pbcoreFormatID></pre>

Source	<pre> <xsd:element maxOccurs="unbounded" minOccurs="1" name="pbcoreFormatID"> <xsd:complexType> <xsd:sequence> <xsd:element maxOccurs="1" minOccurs="1" name="formatIdentifier" type="xsd:string"> <xsd:annotation> <xsd:documentation xml:lang="en">"The descriptor formatIdentifier employs an unambiguous reference or identifier for a particular rendition/instantiation of a media item. Best practice is to identify the media item (whether analog or digital) by means of a string or number corresponding to an established or formal identification system if one exists. Otherwise, use an identification method that is in use within your agency, station, production company, office, or institution."</xsd:documentation> </xsd:annotation> </xsd:element> <xsd:element maxOccurs="1" minOccurs="1" name="formatIdentifierSource" type="sourceVersionStringType"> <xsd:annotation> <xsd:documentation xml:lang="en">"The descriptor formatIdentifierSource is used in combination with the unambiguous reference or identifier for a descriptor number, but formatIdentifier. Thus PBCore provides not only a locator also indicates an agency or institution who assigned it."</xsd:documentation> </xsd:annotation> </xsd:element> </xsd:sequence> </xsd:complexType> </xsd:element> </pre>
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Element instantiationType / pbcoreFormatID / formatIdentifier

Namespace	http://www.pbcore.org/PBCore/PBCoreNamespace.html						
Annotations	<p>"The descriptor formatIdentifier employs an unambiguous reference or identifier for a particular rendition/instantiation of a media item. Best practice is to identify the media item (whether analog or digital) by means of a string or number corresponding to an established or formal identification system if one exists. Otherwise, use an identification method that is in use within your agency, station, production company, office, or institution."</p>						
Diagram							
Type	xsd:string						
Properties	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 15%;">content:</td><td style="width: 85%;">simple</td></tr> <tr> <td>minOccurs:</td><td>1</td></tr> <tr> <td>maxOccurs:</td><td>1</td></tr> </table>	content:	simple	minOccurs:	1	maxOccurs:	1
content:	simple						
minOccurs:	1						
maxOccurs:	1						
Source	<pre> <xsd:element maxOccurs="1" minOccurs="1" name="formatIdentifier" type="xsd:string"> <xsd:annotation> <xsd:documentation xml:lang="en">"The descriptor formatIdentifier employs an unambiguous reference or identifier for a particular rendition/instantiation of a media item. Best practice is to identify the media item (whether analog or digital) by means of a string or number corresponding to an established or formal identification system if one exists. Otherwise, use an identification method that is in use within your agency, station, production company, office, or institution."</xsd:documentation> </xsd:annotation> </xsd:element> </pre>						

Element instantiationType / pbcoreFormatID / formatIdentifierSource

Namespace	http://www.pbcore.org/PBCore/PBCoreNamespace.html																				
Annotations	<p>"The descriptor formatIdentifierSource is used in combination with the unambiguous reference or identifier for a rendition/instantiation of a media item as found in the descriptor formatIdentifier. Thus PBCore provides not only a locator number, but also indicates an agency or institution who assigned it."</p>																				
Diagram	<pre> classDiagram class formatIdentifierSource { <<The descriptor formatIdentifierSource is used in combination with the unambiguous reference or identifier for a...>> } class sourceVersionStringType { <<sourceVersionStringType Base Type xsd:string >> attribute annotation : xsd:string attribute source : xsd:string attribute version : xsd:string } formatIdentifierSource "1" -- "0..1" sourceVersionStringType </pre>																				
Type	sourceVersionStringType																				
Properties	<table border="1"> <tr> <td>content:</td> <td>complex</td> </tr> <tr> <td>minOccurs:</td> <td>1</td> </tr> <tr> <td>maxOccurs:</td> <td>1</td> </tr> </table>	content:	complex	minOccurs:	1	maxOccurs:	1														
content:	complex																				
minOccurs:	1																				
maxOccurs:	1																				
Attributes	<table border="1"> <thead> <tr> <th>QName</th> <th>Type</th> <th>Fixed</th> <th>Default</th> <th>Use</th> </tr> </thead> <tbody> <tr> <td>annotation</td> <td>xsd:string</td> <td></td> <td></td> <td>optional</td> </tr> <tr> <td>source</td> <td>xsd:string</td> <td></td> <td></td> <td>optional</td> </tr> <tr> <td>version</td> <td>xsd:string</td> <td></td> <td></td> <td>optional</td> </tr> </tbody> </table>	QName	Type	Fixed	Default	Use	annotation	xsd:string			optional	source	xsd:string			optional	version	xsd:string			optional
QName	Type	Fixed	Default	Use																	
annotation	xsd:string			optional																	
source	xsd:string			optional																	
version	xsd:string			optional																	
Source	<pre> <xsd:element maxOccurs="1" minOccurs="1" name="formatIdentifierSource" type="sourceVersionStringType"> <xsd:annotation> <xsd:documentation xml:lang="en">"The descriptor formatIdentifierSource is used in combination with the unambiguous reference or identifier for a rendition/instantiation of a media item as found in the descriptor number, but also indicates an agency or institution who assigned it."</xsd:documentation> </xsd:annotation> </xsd:element> </pre>																				

Element instantiationType / instantiationDateCreated

Namespace	http://www.pbcore.org/PBCore/PBCoreNamespace.html						
Annotations	<p>"Use the descriptor dateCreated to specify the creation date for a particular version or rendition of a media item across its life cycle. It is the moment in time that the media item was finalized during its production process and is forwarded to other divisions or agencies to make it ready for publication or distribution. A specific time may also be associated with the date."</p>						
Diagram	<pre> classDiagram class instantiationDateCreated { <<instantiationDateCreated Type xsd:string >> } class xsd:string { <<Built-in primitive type. The string datatype represents character strings in XML. >> } instantiationDateCreated "1" -- "0..1" xsd:string </pre>						
Type	xsd:string						
Properties	<table border="1"> <tr> <td>content:</td> <td>simple</td> </tr> <tr> <td>minOccurs:</td> <td>0</td> </tr> <tr> <td>maxOccurs:</td> <td>1</td> </tr> </table>	content:	simple	minOccurs:	0	maxOccurs:	1
content:	simple						
minOccurs:	0						
maxOccurs:	1						
Source	<pre> <xsd:element maxOccurs="1" minOccurs="0" name="instantiationDateCreated" type="xsd:string"> <xsd:annotation> </pre>						

```

<xsd:documentation xml:lang="en">"Use the descriptor dateCreated to specify the
creation date for a particular version or rendition of a media item
across its
life cycle. It is the moment in time that the media item was finalized
during its
production process and is forwarded to other divisions or agencies to
make it
ready for publication or distribution. A specific time may also be
associated with
the date."</xsd:documentation>
</xsd:annotation>
</xsd:element>

```

Element instantiationType / dateIssued

Namespace	http://www.pbcore.org/PBCore/PBCoreNamespace.html						
Annotations	"The descriptor dateIssued specifies the formal date for a particular version or rendition of a media item has been made ready or officially released for distribution, publication or consumption. A specific time may also be associated with the date."						
Diagram	<p>The descriptor dateIssued specifies the formal date for a particular version or rendition of a media item has been...</p>						
Type	xsd:string						
Properties	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="padding: 2px;">content:</td><td style="padding: 2px;">simple</td></tr> <tr> <td style="padding: 2px;">minOccurs:</td><td style="padding: 2px;">0</td></tr> <tr> <td style="padding: 2px;">maxOccurs:</td><td style="padding: 2px;">1</td></tr> </table>	content:	simple	minOccurs:	0	maxOccurs:	1
content:	simple						
minOccurs:	0						
maxOccurs:	1						
Source	<pre> <xsd:element maxOccurs="1" minOccurs="0" name="dateIssued" type="xsd:string"> <xsd:annotation> <xsd:documentation xml:lang="en">"The descriptor dateIssued specifies the formal date for a particular version or rendition of a media item has been made ready or officially released for distribution, publication or consumption. A specific time may also be associated with the date."</xsd:documentation> </xsd:annotation> </xsd:element> </pre>						

Element instantiationType / formatPhysical

Namespace	http://www.pbcore.org/PBCore/PBCoreNamespace.html						
Annotations	<p>"Use the descriptor formatPhysical to identify the format of a particular version or rendition of a media item as it exists in an actual physical form that occupies physical space (e.g., a tape on a shelf), rather than as a digital file residing on a server or hard drive."</p> <p>"Picklist at http://www.pbcore.org/PBCore/picklists/picklist_formatPhysical.html"</p>						
Diagram	<p>formatPhysical Type sourceVersionStringType</p> <p>sourceVersionStringType Base Type xsd:string</p> <p>Built-in primitive type. The string datatype represents character strings in XML.</p> <p>@ attributes</p> <p>sourceVersionGroup</p> <p>Use the descriptor formatPhysical to identify the format of a particular version or rendition of a media item as it...</p>						
Type	sourceVersionStringType						
Properties	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="padding: 2px;">content:</td><td style="padding: 2px;">complex</td></tr> <tr> <td style="padding: 2px;">minOccurs:</td><td style="padding: 2px;">0</td></tr> <tr> <td style="padding: 2px;">maxOccurs:</td><td style="padding: 2px;">1</td></tr> </table>	content:	complex	minOccurs:	0	maxOccurs:	1
content:	complex						
minOccurs:	0						
maxOccurs:	1						

Attributes	QName	Type	Fixed	Default	Use
	annotation	xsd:string			optional
	source	xsd:string			optional
	version	xsd:string			optional
Source	<pre><xsd:element maxOccurs="1" minOccurs="0" name="formatPhysical" type="sourceVersionStringType"> <xsd:annotation> <xsd:documentation xml:lang="en">"Use the descriptor formatPhysical to identify the format of a particular version or rendition of a media item as it exists in an actual physical form that occupies physical space (e.g., a tape on a shelf), rather than as a digital file residing on a server or hard drive."</xsd:documentation> <xsd:documentation xml:lang="en">"Picklist at http://www.pbcore.org/PBCore/picklists/picklist_formatPhysical.html"</ xsd:documentation> </xsd:annotation> </xsd:element></pre>				

Element instantiationType / formatDigital

Namespace	http://www.pbcore.org/PBCore/PBCoreNamespace.html										
Annotations	<p>"Use the descriptor formatDigital to identify the format of a particular version or rendition of a media item as it exists in its digital form, i.e., as a digital file on a server or hard drive. Digital media formats may be expressed with formal Internet MIME types."</p> <p>"MIME types change often see references at http://www.pbcore.org/PBCore/formatDigital.html"</p> <p>"Picklist may not be up to date at http://www.pbcore.org/PBCore/picklists/picklist_formatDigital.html"</p>										
Diagram	<pre> classDiagram class formatDigital { <<sourceVersionStringType>> } class sourceVersionStringType { <<Base Type xsd:string>> } class xsdstring { <<Built-in primitive type. The string datatype represents character strings in XML.>> } class attributes { <<@ attributes>> } class sourceVersionGroup { <<sourceVersionGroup>> } formatDigital --> sourceVersionStringType sourceVersionStringType --> xsdstring xsdstring --> attributes xsdstring --> sourceVersionGroup </pre>										
Type	sourceVersionStringType										
Properties	<table border="1"> <tr> <td>content:</td> <td>complex</td> </tr> <tr> <td>minOccurs:</td> <td>0</td> </tr> <tr> <td>maxOccurs:</td> <td>1</td> </tr> </table>					content:	complex	minOccurs:	0	maxOccurs:	1
content:	complex										
minOccurs:	0										
maxOccurs:	1										
Attributes	QName	Type	Fixed	Default	Use						
	annotation	xsd:string			optional						
	source	xsd:string			optional						
	version	xsd:string			optional						
Source	<pre><xsd:element maxOccurs="1" minOccurs="0" name="formatDigital" type="sourceVersionStringType"> <xsd:annotation> <xsd:documentation xml:lang="en">"Use the descriptor formatDigital to identify the format of a particular version or rendition of a media item as it exists in its digital form, i.e., as a digital file on a server or hard drive. Digital formats may be expressed with formal Internet MIME types."</ xsd:documentation> <xsd:documentation xml:lang="en">"MIME types change often see references at http://www.pbcore.org/PBCore/formatDigital.html"</xsd:documentation> <xsd:documentation xml:lang="en">"Picklist may not be up to date at http://www.pbcore.org/PBCore/picklists/picklist_formatDigital.html"</ xsd:documentation></pre>										

```
    </xsd:annotation>
  </xsd:element>
```

Element instantiationType / formatLocation

Namespace	http://www.pbcore.org/PBCore/PBCoreNamespace.html						
Annotations	"The descriptor formatLocation is considered to be an "address for a media item." For an organization or producer acting as caretaker of a media resource, formatLocation may contain information about a specific shelf location for an asset, including an organization's name, departmental name, shelf ID and contact information. The formatLocation for a data file or web page may include domain, path, filename or html page."						
Diagram	<p>The descriptor formatLocation is considered to be an "address for a media item." For an organization or producer...</p>						
Type	xsd:string						
Properties	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="padding: 2px;">content:</td><td style="padding: 2px;">simple</td></tr> <tr> <td style="padding: 2px;">minOccurs:</td><td style="padding: 2px;">1</td></tr> <tr> <td style="padding: 2px;">maxOccurs:</td><td style="padding: 2px;">1</td></tr> </table>	content:	simple	minOccurs:	1	maxOccurs:	1
content:	simple						
minOccurs:	1						
maxOccurs:	1						
Source	<pre style="font-family: monospace; font-size: 0.8em;"> <xsd:element maxOccurs="1" minOccurs="1" name="formatLocation" type="xsd:string"> <xsd:annotation> <xsd:documentation xml:lang="en">"The descriptor formatLocation is considered to be an "address for a media item." For an organization or producer acting as caretaker of a media resource, formatLocation may contain information about a specific shelf location for an asset, including an organization's name, departmental name, shelf ID and contact information. The formatLocation for a data file or web page may include domain, path, filename or html page."</xsd:documentation> </xsd:annotation> </xsd:element></pre>						

Element instantiationType / formatMediaType

Namespace	http://www.pbcore.org/PBCore/PBCoreNamespace.html										
Annotations	"The descriptor formatMediaType identifies the general, high level nature of the content of a media item. It uses categories that show how content is presented to an observer, e.g., as a sound or text or moving image." "Picklist at http://www.pbcore.org/PBCore/picklists/picklist_formatMediaType.html "										
Diagram	<p>The descriptor formatMediaType identifies the general, high level nature of the content of a media item. It uses...</p>										
Type	sourceVersionStringType										
Properties	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="padding: 2px;">content:</td><td style="padding: 2px;">complex</td></tr> <tr> <td style="padding: 2px;">minOccurs:</td><td style="padding: 2px;">0</td></tr> <tr> <td style="padding: 2px;">maxOccurs:</td><td style="padding: 2px;">1</td></tr> </table>	content:	complex	minOccurs:	0	maxOccurs:	1				
content:	complex										
minOccurs:	0										
maxOccurs:	1										
Attributes	<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 15%;"> QName</th><th style="width: 15%;"> Type</th><th style="width: 15%;"> Fixed</th><th style="width: 15%;"> Default</th><th style="width: 15%;"> Use</th></tr> </thead> <tbody> <tr> <td>annotation</td><td>xsd:string</td><td></td><td></td><td>optional</td></tr> </tbody> </table>	QName	Type	Fixed	Default	Use	annotation	xsd:string			optional
QName	Type	Fixed	Default	Use							
annotation	xsd:string			optional							

	QName	Type	Fixed	Default	Use
	source	xsd:string			optional
	version	xsd:string			optional
Source	<pre><xsd:element maxOccurs="1" minOccurs="0" name="formatMediaType" type="sourceVersionStringType"> <xsd:annotation> <xsd:documentation xml:lang="en">"The descriptor formatMediaType identifies the general, high level nature of the content of a media item. It uses categories that show how content is presented to an observer, e.g., as a sound or text or moving image."</xsd:documentation> <xsd:documentation xml:lang="en">"Picklist at http://www.pbcore.org/PBCore/picklists/picklist_formatMediaType.html"</ xsd:documentation> </xsd:annotation> </xsd:element></pre>				

Element instantiationType / formatGenerations

Namespace	http://www.pbcore.org/PBCore/PBCoreNamespace.html										
Annotations	<p>"The descriptor formatGenerations identifies the particular use or manner in which a version or rendition of a media item is used, e.g., Audio/Narration or Moving image/Backup master."</p> <p>"Picklist at http://www.pbcore.org/PBCore/picklists/picklist_formatGenerations.html"</p>										
Diagram	<pre> classDiagram sourceVersionStringType < -- formatGenerations sourceVersionStringType { xsd:string @ attributes sourceVersionGroup } formatGenerations { *The descriptor formatGenerations identifies the particular use or manner in which a version or rendition of a media... } </pre>										
Type	sourceVersionStringType										
Properties	<table border="1"> <tr> <td>content:</td> <td>complex</td> </tr> <tr> <td>minOccurs:</td> <td>0</td> </tr> <tr> <td>maxOccurs:</td> <td>unbounded</td> </tr> </table>					content:	complex	minOccurs:	0	maxOccurs:	unbounded
content:	complex										
minOccurs:	0										
maxOccurs:	unbounded										
Attributes	QName	Type	Fixed	Default	Use						
	annotation	xsd:string			optional						
	source	xsd:string			optional						
	version	xsd:string			optional						
Source	<pre><xsd:element maxOccurs="unbounded" minOccurs="0" name="formatGenerations" type="sourceVersionStringType"> <xsd:annotation> <xsd:documentation xml:lang="en">"The descriptor formatGenerations identifies the particular use or manner in which a version or rendition of a media item is used, e.g., Audio/Narration or Moving image/Backup master."</ xsd:documentation> <xsd:documentation xml:lang="en">"Picklist at http://www.pbcore.org/PBCore/picklists/ picklist_formatGenerations.html"</xsd:documentation> </xsd:annotation> </xsd:element></pre>										

Element instantiationType / formatFileSize

Namespace	http://www.pbcore.org/PBCore/PBCoreNamespace.html				
Annotations	<p>"Use the descriptor formatFileSize to indicate the storage requirements or file size of a digital media item. As a standard, express the file size in bytes."</p>				

Diagram	<pre> classDiagram class formatFileSize { <<Use the descriptor formatFileSize to indicate the storage requirements or file size of a digital media item. As a...>> } class xsd:string formatFileSize "0..1" -- "1..1" xsd:string </pre> <p>"Use the descriptor formatFileSize to indicate the storage requirements or file size of a digital media item. As a..."</p> <p>Built-in primitive type. The string datatype represents character strings in XML.</p>						
Type	xsd:string						
Properties	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="padding: 2px;">content:</td><td style="padding: 2px;">simple</td></tr> <tr> <td style="padding: 2px;">minOccurs:</td><td style="padding: 2px;">0</td></tr> <tr> <td style="padding: 2px;">maxOccurs:</td><td style="padding: 2px;">1</td></tr> </table>	content:	simple	minOccurs:	0	maxOccurs:	1
content:	simple						
minOccurs:	0						
maxOccurs:	1						
Source	<pre> <xsd:element maxOccurs="1" minOccurs="0" name="formatFileSize" type="xsd:string"> <xsd:annotation> <xsd:documentation xml:lang="en">"Use the descriptor formatFileSize to indicate the storage requirements or file size of a digital media item. As a standard, express the file size in bytes."</xsd:documentation> </xsd:annotation> </xsd:element> </pre>						

Element instantiationType / formatTimeStart

Namespace	http://www.pbcore.org/PBCore/PBCoreNamespace.html						
Annotations	<p>"The descriptor formatTimeStart provides a time stamp for the beginning point of playback for a time-based media item, such as digital video or audio. Use in combination with formatDuration to identify a sequence or segment of a media item that has a fixed start time and end time."</p>						
Diagram	<pre> classDiagram class formatTimeStart { <<The descriptor formatTimeStart provides a time stamp for the beginning point of playback for a time-based media item,...>> } class xsd:string formatTimeStart "0..1" -- "1..1" xsd:string </pre> <p>"The descriptor formatTimeStart provides a time stamp for the beginning point of playback for a time-based media item,..."</p> <p>Built-in primitive type. The string datatype represents character strings in XML.</p>						
Type	xsd:string						
Properties	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="padding: 2px;">content:</td><td style="padding: 2px;">simple</td></tr> <tr> <td style="padding: 2px;">minOccurs:</td><td style="padding: 2px;">0</td></tr> <tr> <td style="padding: 2px;">maxOccurs:</td><td style="padding: 2px;">1</td></tr> </table>	content:	simple	minOccurs:	0	maxOccurs:	1
content:	simple						
minOccurs:	0						
maxOccurs:	1						
Source	<pre> <xsd:element maxOccurs="1" minOccurs="0" name="formatTimeStart" type="xsd:string"> <xsd:annotation> <xsd:documentation xml:lang="en">"The descriptor formatTimeStart provides a time stamp for the beginning point of playback for a time-based media item, such as digital video or audio. Use in combination with formatDuration to identify a sequence or segment of a media item that has a fixed start time and end time."</xsd:documentation> </xsd:annotation> </xsd:element> </pre>						

Element instantiationType / formatDuration

Namespace	http://www.pbcore.org/PBCore/PBCoreNamespace.html
Annotations	<p>"The descriptor formatDuration provides a timestamp for the overall length or duration of a time-based media item. It represents the playback time."</p>
Diagram	<pre> classDiagram class formatDuration { <<The descriptor formatDuration provides a timestamp for the overall length or duration of a time-based media item. It...>> } class xsd:string formatDuration "0..1" -- "1..1" xsd:string </pre> <p>"The descriptor formatDuration provides a timestamp for the overall length or duration of a time-based media item. It..."</p> <p>Built-in primitive type. The string datatype represents character strings in XML.</p>
Type	xsd:string

Properties	<p>content: simple</p> <p>minOccurs: 0</p> <p>maxOccurs: 1</p>
Source	<pre><xsd:element maxOccurs="1" minOccurs="0" name="formatDuration" type="xsd:string"> <xsd:annotation> <xsd:documentation xml:lang="en">"The descriptor formatDuration provides a timestamp for the overall length or duration of a time-based media item. It represents the playback time."</xsd:documentation> </xsd:annotation> </xsd:element></pre>

Element instantiationType / formatDataRate

Namespace	http://www.pbcore.org/PBCore/PBCoreNamespace.html															
Annotations	<p>"The descriptor formatDataRate is expresses the amount of data in a digital media file that is encoded, delivered or distributed, for every second of time. Although optimal data rates are often dependent on the codec used to compress and encode a digital file, generally speaking, a larger data rate translates into a better quality playback experience, for example 56 kilobits/second vs. 1 megabit/second."</p>															
Diagram	<pre> classDiagram class formatDataRate { <<The descriptor formatDataRate is expresses the amount of data in a digital media file that is encoded, delivered or...>> <<Type technicalStringType>> } class technicalStringType { <<Base Type xsd:string>> } class xsd:string { <<Built-in primitive type. The string datatype represents character strings in XML.>> @attributes @unitsOfMeasure @annotation } formatDataRate < -- technicalStringType technicalStringType < -- xsd:string </pre>															
Type	technicalStringType															
Properties	<p>content: complex</p> <p>minOccurs: 0</p> <p>maxOccurs: 1</p>															
Attributes	<table border="1"> <thead> <tr> <th>QName</th> <th>Type</th> <th>Fixed</th> <th>Default</th> <th>Use</th> </tr> </thead> <tbody> <tr> <td>annotation</td> <td></td> <td></td> <td></td> <td>optional</td> </tr> <tr> <td>unitsOfMeasure</td> <td></td> <td></td> <td></td> <td>optional</td> </tr> </tbody> </table>	QName	Type	Fixed	Default	Use	annotation				optional	unitsOfMeasure				optional
QName	Type	Fixed	Default	Use												
annotation				optional												
unitsOfMeasure				optional												
Source	<pre><xsd:element maxOccurs="1" minOccurs="0" name="formatDataRate" type="technicalStringType"> <xsd:annotation> <xsd:documentation xml:lang="en">"The descriptor formatDataRate is expresses the amount of data in a digital media file that is encoded, delivered or distributed, for every second of time. Although optimal data rates are often dependent on the codec used to compress and encode a digital file, generally speaking, a larger data rate translates into a better quality playback experience, for example 56 kilobits/second vs. 1 megabit/second."</xsd:documentation> </xsd:annotation> </xsd:element></pre>															

Element instantiationType / formatColors

Namespace	http://www.pbcore.org/PBCore/PBCoreNamespace.html
Annotations	<p>"The descriptor formatColors indicates the overall color, grayscale, or black and white nature of a media item, as a single occurrence or combination of occurrences in or throughout the media item."</p> <p>"Picklist at http://www.pbcore.org/PBCore/picklists/picklist_formatColors.html"</p>

Diagram	<pre> classDiagram sourceVersionStringType < -- formatColors sourceVersionStringType < -- xsd:string xsd:string --> "Built-in primitive type. The string datatype represents character strings in XML." xsd:string --> attributes attributes --> sourceVersionGroup </pre>																				
Type	sourceVersionStringType																				
Properties	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="padding: 2px;">content:</td><td style="padding: 2px;">complex</td></tr> <tr> <td style="padding: 2px;">minOccurs:</td><td style="padding: 2px;">0</td></tr> <tr> <td style="padding: 2px;">maxOccurs:</td><td style="padding: 2px;">1</td></tr> </table>	content:	complex	minOccurs:	0	maxOccurs:	1														
content:	complex																				
minOccurs:	0																				
maxOccurs:	1																				
Attributes	<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="padding: 2px;">QName</th><th style="padding: 2px;">Type</th><th style="padding: 2px;">Fixed</th><th style="padding: 2px;">Default</th><th style="padding: 2px;">Use</th></tr> </thead> <tbody> <tr> <td style="padding: 2px;">annotation</td><td style="padding: 2px;">xsd:string</td><td style="padding: 2px;"></td><td style="padding: 2px;"></td><td style="padding: 2px;">optional</td></tr> <tr> <td style="padding: 2px;">source</td><td style="padding: 2px;">xsd:string</td><td style="padding: 2px;"></td><td style="padding: 2px;"></td><td style="padding: 2px;">optional</td></tr> <tr> <td style="padding: 2px;">version</td><td style="padding: 2px;">xsd:string</td><td style="padding: 2px;"></td><td style="padding: 2px;"></td><td style="padding: 2px;">optional</td></tr> </tbody> </table>	QName	Type	Fixed	Default	Use	annotation	xsd:string			optional	source	xsd:string			optional	version	xsd:string			optional
QName	Type	Fixed	Default	Use																	
annotation	xsd:string			optional																	
source	xsd:string			optional																	
version	xsd:string			optional																	
Source	<pre> <xsd:element maxOccurs="1" minOccurs="0" name="formatColors" type="sourceVersionStringType"> <xsd:annotation> <xsd:documentation xml:lang="en">"The descriptor formatColors indicates the overall color, grayscale, or black and white nature of a media item, as a single occurrence or combination of occurrences in or throughout the media item."</xsd:documentation> <xsd:documentation xml:lang="en">"Picklist at http://www.pbcore.org/PBCore/picklists/picklist_formatColors.html"</ xsd:documentation> </xsd:annotation> </xsd:element> </pre>																				

Element instantiationType / formatTracks

Namespace	http://www.pbcore.org/PBCore/PBCoreNamespace.html						
Annotations	"The descriptor formatTracks is simply intended to indicate the number and type of tracks that are found in a media item, whether it is analog or digital. For example, 1 video track, 2 audio tracks, 1 text track, 1 sprite track, etc. Other configuration information specific to these identified tracks should be described using formatChannelConfiguration."						
Diagram	<pre> classDiagram formatTracks < -- xsd:string xsd:string --> "Built-in primitive type. The string datatype represents character strings in XML." </pre>						
Type	xsd:string						
Properties	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="padding: 2px;">content:</td><td style="padding: 2px;">simple</td></tr> <tr> <td style="padding: 2px;">minOccurs:</td><td style="padding: 2px;">0</td></tr> <tr> <td style="padding: 2px;">maxOccurs:</td><td style="padding: 2px;">1</td></tr> </table>	content:	simple	minOccurs:	0	maxOccurs:	1
content:	simple						
minOccurs:	0						
maxOccurs:	1						
Source	<pre> <xsd:element maxOccurs="1" minOccurs="0" name="formatTracks" type="xsd:string"> <xsd:annotation> <xsd:documentation xml:lang="en">"The descriptor formatTracks is simply intended to indicate the number and type of tracks that are found in a media item, whether it is analog or digital. For example, 1 video track, 2 audio tracks, 1 text track, 1 sprite track, etc. Other configuration information specific to these identified tracks should be described using formatChannelConfiguration."</ xsd:documentation> </xsd:annotation> </xsd:element> </pre>						

Element instantiationType / formatChannelConfiguration

Namespace	http://www.pbcore.org/PBCore/PBCoreNamespace.html						
Annotations	"The descriptor formatChannelConfiguration is designed to indicate the arrangement or configuration of specific channels or layers of information within a media item's tracks. Examples are 2-track mono, 8 track stereo, or video track with alpha channel."						
Diagram	<pre> classDiagram class formatChannelConfiguration { <<The descriptor formatChannelConfiguration is designed to indicate the arrangement or configuration of specific channels or layers of information within a media item's tracks. Examples are 2-track mono, 8 track stereo, or video track with alpha channel.>> } class xsdString { <<Built-in primitive type. The string datatype represents character strings in XML.>> } formatChannelConfiguration < -- xsdString </pre>						
Type	xsd:string						
Properties	<table border="1"> <tr> <td>content:</td> <td>simple</td> </tr> <tr> <td>minOccurs:</td> <td>0</td> </tr> <tr> <td>maxOccurs:</td> <td>1</td> </tr> </table>	content:	simple	minOccurs:	0	maxOccurs:	1
content:	simple						
minOccurs:	0						
maxOccurs:	1						
Source	<pre> <xsd:element maxOccurs="1" minOccurs="0" name="formatChannelConfiguration" type="xsd:string"> <xsd:annotation> <xsd:documentation xml:lang="en">"The descriptor formatChannelConfiguration is designed to indicate the arrangement or configuration of specific channels or layers of information within a media item's tracks. Examples are 2-track mono, 8 track stereo, or video track with alpha channel."</xsd:documentation> </xsd:annotation> </xsd:element> </pre>						

Element instantiationType / language

Namespace	http://www.pbcore.org/PBCore/PBCoreNamespace.html																				
Annotations	<p>"The descriptor language identifies the primary language of a media item's audio or text. Alternative audio or text tracks and their associated languages should be identified using the descriptor alternativeModes."</p> <p>"Use reference at http://www.pbcore.org/PBCore/language.html"</p>																				
Diagram	<pre> classDiagram class language { <<The descriptor language identifies the primary language of a media item's audio or text. Alternative audio or text...>> } class threeLetterStringType { <<Base Type threeLetterCode @ attributes sourceVersionGroup >> } language < -- threeLetterStringType threeLetterStringType < -- threeLetterCode </pre>																				
Type	threeLetterStringType																				
Type hierarchy	<ul style="list-style-type: none"> xsd:string threeLetterCode threeLetterStringType 																				
Properties	<table border="1"> <tr> <td>content:</td> <td>complex</td> </tr> <tr> <td>minOccurs:</td> <td>0</td> </tr> <tr> <td>maxOccurs:</td> <td>1</td> </tr> </table>	content:	complex	minOccurs:	0	maxOccurs:	1														
content:	complex																				
minOccurs:	0																				
maxOccurs:	1																				
Attributes	<table border="1"> <thead> <tr> <th>QName</th> <th>Type</th> <th>Fixed</th> <th>Default</th> <th>Use</th> </tr> </thead> <tbody> <tr> <td>annotation</td> <td>xsd:string</td> <td></td> <td></td> <td>optional</td> </tr> <tr> <td>source</td> <td>xsd:string</td> <td></td> <td></td> <td>optional</td> </tr> <tr> <td>version</td> <td>xsd:string</td> <td></td> <td></td> <td>optional</td> </tr> </tbody> </table>	QName	Type	Fixed	Default	Use	annotation	xsd:string			optional	source	xsd:string			optional	version	xsd:string			optional
QName	Type	Fixed	Default	Use																	
annotation	xsd:string			optional																	
source	xsd:string			optional																	
version	xsd:string			optional																	
Source	<pre> <xsd:element name="language" type="threeLetterStringType" maxOccurs="1" minOccurs="0"> </pre>																				

```

<xsd:annotation>
  <xsd:documentation xml:lang="en">"The descriptor language identifies the primary
language of a media item's audio or text. Alternative audio or text
tracks and
their associated languages should be identified using the descriptor
alternativeModes."</xsd:documentation>
  <xsd:documentation xml:lang="en">"Use reference at
http://www.pbcore.org/PBCore/language.html"</xsd:documentation>
</xsd:annotation>
</xsd:element>

```

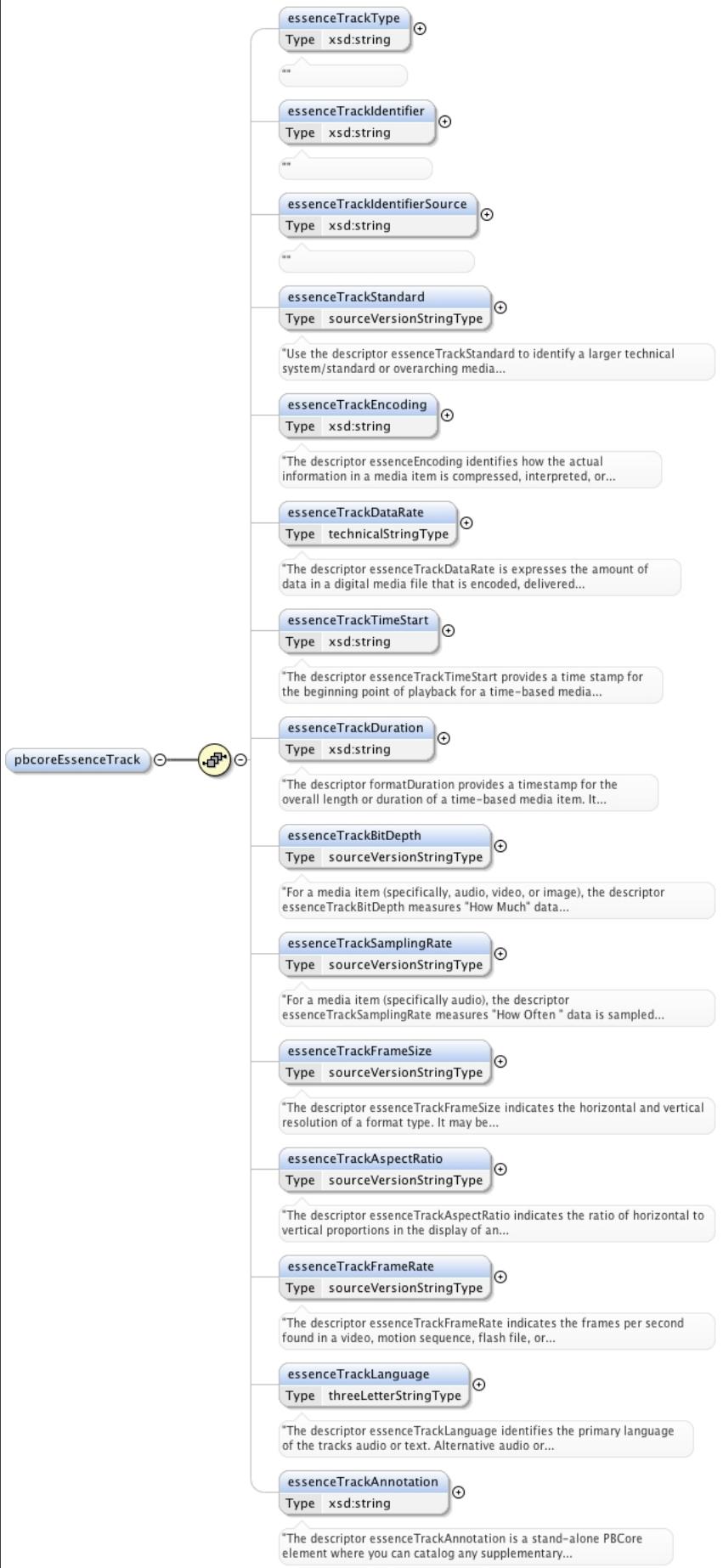
Element instantiationType / alternativeModes

Namespace	http://www.pbcore.org/PBCore/PBCoreNamespace.html							
Annotations	<p>"The descriptor alternativeModes is a catch-all metadata element that identifies equivalent alternatives to the primary visual, sound or textual information that exists in a media item. These are modes that offer alternative ways to see, hear, and read the content of a media item. Examples include DVI (Descriptive Video Information), SAP (Supplementary Audio Program), ClosedCaptions, OpenCaptions, Subtitles, Language Dubs, and Transcripts. For each instance of available alternativeModes, the mode and its associated language should be identified together, if applicable. Examples include 'SAP in English,' 'SAP in Spanish,' 'Subtitle in French,' 'OpenCaption in Arabic.'"</p>							
Diagram	<p>The descriptor alternativeModes is a catch-all metadata element that identifies equivalent alternatives to the primary visual, sound or textual information that exists in a media item. Examples include DVI (Descriptive Video Information), SAP (Supplementary Audio Program), ClosedCaptions, OpenCaptions, Subtitles, Language Dubs, and Transcripts. For each instance of available alternativeModes, the mode and its associated language should be identified together, if applicable. Examples include 'SAP in English,' 'SAP in Spanish,' 'Subtitle in French,' 'OpenCaption in Arabic.'"</p> <p>Built-in primitive type. The string datatype represents character strings in XML.</p>							
Type	xsd:string							
Properties	<table border="1"> <tr> <td>content:</td> <td>simple</td> </tr> <tr> <td>minOccurs:</td> <td>0</td> </tr> <tr> <td>maxOccurs:</td> <td>1</td> </tr> </table>		content:	simple	minOccurs:	0	maxOccurs:	1
content:	simple							
minOccurs:	0							
maxOccurs:	1							
Source	<pre> <xsd:element maxOccurs="1" minOccurs="0" name="alternativeModes" type="xsd:string"> <xsd:annotation> <xsd:documentation xml:lang="en">"The descriptor alternativeModes is a catch-all metadata element that identifies equivalent alternatives to the primary visual, sound or textual information that exists in a media item. These are modes that offer alternative ways to see, hear, and read the content of a media item. Examples include DVI (Descriptive Video Information), SAP (Supplementary Program), ClosedCaptions, OpenCaptions, Subtitles, Language Dubs, and Transcripts. For each instance of available alternativeModes, the mode and its associated language should be identified together, if applicable. Examples include 'SAP in English,' 'SAP in Spanish,' 'Subtitle in French,' 'OpenCaption in Arabic.'"</xsd:documentation> </xsd:annotation> </xsd:element> </pre>							

Element instantiationType / pbcoreEssenceTrack

Namespace	http://www.pbcore.org/PBCore/PBCoreNamespace.html	
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Diagram



Properties	<p>content: complex</p> <p>minOccurs: 0</p> <p>maxOccurs: unbounded</p>
Model	essenceTrackType{0,1} , essenceTrackIdentifier{0,1} , essenceTrackIdentifierSource{0,1} , essenceTrackStandard{0,1} , essenceTrackEncoding{0,1} , essenceTrackDataRate{0,1} , essenceTrackTimeStart{0,1} , essenceTrackDuration{0,1} , essenceTrackBitDepth{0,1} , essenceTrackSamplingRate{0,1} , essenceTrackFrameSize{0,1} , essenceTrackAspectRatio{0,1} , essenceTrackFrameRate{0,1} , essenceTrackLanguage{0,1} , essenceTrackAnnotation{0,1}
Children	essenceTrackAnnotation, essenceTrackAspectRatio, essenceTrackBitDepth, essenceTrackDataRate, essenceTrackDuration, essenceTrackEncoding, essenceTrackFrameRate, essenceTrackFrameSize, essenceTrackIdentifier, essenceTrackIdentifierSource, essenceTrackLanguage, essenceTrackSamplingRate, essenceTrackStandard, essenceTrackTimeStart, essenceTrackType
Instance	<pre><pcoreEssenceTrack> <essenceTrackType>{0,1}</essenceTrackType> <essenceTrackIdentifier>{0,1}</essenceTrackIdentifier> <essenceTrackIdentifierSource>{0,1}</essenceTrackIdentifierSource> <essenceTrackStandard annotation="" source="" version="">{0,1}</essenceTrackStandard> <essenceTrackEncoding>{0,1}</essenceTrackEncoding> <essenceTrackDataRate annotation="" unitsOfMeasure="">{0,1}</essenceTrackDataRate> <essenceTrackTimeStart>{0,1}</essenceTrackTimeStart> <essenceTrackDuration>{0,1}</essenceTrackDuration> <essenceTrackBitDepth annotation="" source="" version="">{0,1}</essenceTrackBitDepth> <essenceTrackSamplingRate annotation="" source="" version="">{0,1}</ essenceTrackSamplingRate> <essenceTrackFrameSize annotation="" source="" version="">{0,1}</essenceTrackFrameSize> <essenceTrackAspectRatio annotation="" source="" version="">{0,1}</ essenceTrackAspectRatio> <essenceTrackFrameRate annotation="" source="" version="">{0,1}</essenceTrackFrameRate> <essenceTrackLanguage annotation="" source="" version="">{0,1}</essenceTrackLanguage> <essenceTrackAnnotation>{0,1}</essenceTrackAnnotation> </pcoreEssenceTrack></pre>
Source	<pre><xsd:element maxOccurs="unbounded" minOccurs="0" name="pcoreEssenceTrack"> <xsd:complexType> <xsd:sequence> <!-- the pcore essence tracks --> <xsd:element maxOccurs="1" minOccurs="0" name="essenceTrackType" type="xsd:string"> <xsd:annotation> <xsd:documentation xml:lang="en">"</xsd:documentation> </xsd:annotation> </xsd:element> <!-- the pcore essence track identifier --> <xsd:element maxOccurs="1" minOccurs="0" name="essenceTrackIdentifier" type="xsd:string"> <xsd:annotation> <xsd:documentation xml:lang="en">"</xsd:documentation> </xsd:annotation> </xsd:element> <!-- the pcore essence track identifier source --> <xsd:element maxOccurs="1" minOccurs="0" name="essenceTrackIdentifierSource" type="xsd:string"> <xsd:annotation> <xsd:documentation xml:lang="en">"</xsd:documentation> </xsd:annotation> </xsd:element> <!-- the pcore format standard --> <xsd:element maxOccurs="1" minOccurs="0" name="essenceTrackStandard" type="sourceVersionStringType"> <xsd:annotation> <xsd:documentation xml:lang="en">"Use the descriptor essenceTrackStandard to identify a larger technical system/standard or overarching media architecture under which various media formats exist, e.g., NTSC is a system/standard under which many video formats exist."</xsd:documentation> </xsd:annotation> </xsd:element> <!-- the pcore essence track encoding --> <xsd:element maxOccurs="1" minOccurs="0" name="essenceTrackEncoding" type="xsd:string"> <xsd:annotation> <xsd:documentation xml:lang="en">"The descriptor essenceEncoding identifies how the actual information in a media item is compressed, interpreted, or used is formulated using a particular scheme. Identifying the encoding</pre>

<p>achieve indices to of the pipeline</p> <p>optimal data encode a into a second vs. 1</p> <p>a media</p> <p>"How Much" converted. Bit viewing or greater</p> <p>is sampled sampling perceived rate, the</p>	<p>beneficial for a number of reasons, including as a way to reversible compression; for the construction of document facilitate searching and access; or for efficient distribution information across data networks with differing bandwidths or capacities."</xsd:documentation></p> <p></xsd:annotation> </xsd:element> <!-- the pbcore essence track data rate--> <xsd:element maxOccurs="1" minOccurs="0" name="essenceTrackDataRate" type="technicalStringType"> <xsd:annotation> <xsd:documentation xml:lang="en">"The descriptor essenceTrackDataRate is expresses the amount of data in a digital media file that is encoded, delivered or distributed, for every second of time. Although rates are often dependent on the codec used to compress and digital file, generally speaking, a larger data rate translates better quality playback experience, for example 56 kilobits/second vs. 1 megabit/second."</xsd:documentation></p> <p></xsd:annotation> </xsd:element> <!-- the pbcore essence time start--> <xsd:element maxOccurs="1" minOccurs="0" name="essenceTrackTimeStart" type="xsd:string"> <xsd:annotation> <xsd:documentation xml:lang="en">"The descriptor essenceTrackTimeStart provides a time stamp for the beginning point of playback for a time-based media item, such as digital video or audio. Use in combination with essenceTrackDuration to identify a sequence or segment of item that has a fixed start time and end time."</</p> <p>xsd:documentation> </xsd:annotation> </xsd:element> <!-- the pbcore essence track duration--> <xsd:element maxOccurs="1" minOccurs="0" name="essenceTrackDuration" type="xsd:string"> <xsd:annotation> <xsd:documentation xml:lang="en">"The descriptor formatDuration provides a timestamp for the overall length or duration of a time-based media item. It represents the playback time."</xsd:documentation></p> <p></xsd:annotation> </xsd:element> <!-- the pbcore essence track bit depth --> <xsd:element maxOccurs="1" minOccurs="0" name="essenceTrackBitDepth" type="sourceVersionStringType"> <xsd:annotation> <xsd:documentation xml:lang="en">"For a media item (specifically, audio, video, or image), the descriptor essenceTrackBitDepth measures data is sampled when information is digitized, encoded, or depth is measured in bits and is an indicator of the perceived playback quality of a media item (the higher the bit depth, the greater the fidelity)."</xsd:documentation></p> <p></xsd:annotation> </xsd:element> <!-- the pbcore essence track sampling rate --> <xsd:element maxOccurs="1" minOccurs="0" name="essenceTrackSamplingRate" type="sourceVersionStringType"> <xsd:annotation> <xsd:documentation xml:lang="en">"For a media item (specifically audio), the descriptor essenceTrackSamplingRate measures "How Often " data when information is digitized. For a digital audio signal, the rate is measured in kiloHertz and is an indicator of the playback quality of the media item (the higher the sampling greater the fidelity)."</xsd:documentation></p>
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        </xsd:annotation>
    </xsd:element>
    <!-- the pbcore essence track frame size -->
    <xsd:element maxOccurs="1" minOccurs="0" name="essenceTrackFrameSize"
type="sourceVersionStringType">
        <xsd:annotation>
            <xsd:documentation xml:lang="en">"The descriptor essenceTrackFrameSize
                indicates the horizontal and vertical resolution of a format
                type. It may
                be expressed in pixels, pixels per inch, or in the case of ATSC
                digital
                TV, a combination of pixels measured horizontally vs. the
                number of
                pixels of image/resolution data stacked vertically (interlaced
                and
                progressive scan)."</xsd:documentation>
        </xsd:annotation>
    </xsd:element>
    <!-- the pbcore essence aspect ratio -->
    <xsd:element maxOccurs="1" minOccurs="0" name="essenceTrackAspectRatio"
type="sourceVersionStringType">
        <xsd:annotation>
            <xsd:documentation xml:lang="en">"The descriptor essenceTrackAspectRatio
                indicates the ratio of horizontal to vertical proportions in
                the display
                of an static image or moving image."</xsd:documentation>
        </xsd:annotation>
    </xsd:element>
    <!-- the pbcore essence frame rate -->
    <xsd:element maxOccurs="1" minOccurs="0" name="essenceTrackFrameRate"
type="sourceVersionStringType">
        <xsd:annotation>
            <xsd:documentation xml:lang="en">"The descriptor essenceTrackFrameRate
                indicates the frames per second found in a video, motion
                sequence, flash
                file, or animation's playback or display."</xsd:documentation>
        </xsd:annotation>
    </xsd:element>
    <!-- the pbcore essence track language -->
    <xsd:element maxOccurs="1" minOccurs="0" name="essenceTrackLanguage"
type="threeLetterStringType">
        <xsd:annotation>
            <xsd:documentation xml:lang="en">"The descriptor essenceTrackLanguage
                identifies the primary language of the tracks audio or text.
Alternative
                audio or text tracks and their associated languages should be
identified
                using the descriptor alternativeModes."</xsd:documentation>
        </xsd:annotation>
    </xsd:element>
    <!-- the pbcore essence track annotation -->
    <xsd:element maxOccurs="1" minOccurs="0" name="essenceTrackAnnotation"
type="xsd:string">
        <xsd:annotation>
            <xsd:documentation xml:lang="en">"The descriptor essenceTrackAnnotation is a
                stand-alone PBCore element where you can catalog any
                supplementary
                information about a track or the metadata used to describe it.
annotation
                clarifies element values, terms, descriptors, and vocabularies
                that may
                not be otherwise sufficiently understood."</xsd:documentation>
        </xsd:annotation>
    </xsd:element>
</xsd:sequence>
</xsd:complexType>
</xsd:element>

```

Element instantiationType / pbcoreEssenceTrack / essenceTrackType

Namespace	http://www.pbcore.org/PBCore/PBCoreNamespace.html
Annotations	" "
Diagram	<p>The diagram shows a UML class named "essenceTrackType" with a multiplicity of 0..1. It has a directed association to a box labeled "xsd:string". A callout bubble next to the association line contains the text: "Built-in primitive type. The string datatype represents character strings in XML."</p>
Type	xsd:string
Properties	content: simple

	<table border="1"> <tr> <td>minOccurs:</td><td>0</td></tr> <tr> <td>maxOccurs:</td><td>1</td></tr> </table>	minOccurs:	0	maxOccurs:	1
minOccurs:	0				
maxOccurs:	1				
Source	<pre><xsd:element maxOccurs="1" minOccurs="0" name="essenceTrackType" type="xsd:string"> <xsd:annotation> <xsd:documentation xml:lang="en"> " " </xsd:documentation> </xsd:annotation> </xsd:element></pre>				

Element instantiationType / pbcoreEssenceTrack / essenceTrackIdentifier

Namespace	http://www.pbcore.org/PBCore/PBCoreNamespace.html						
Annotations	" "						
Diagram	<p>The diagram shows a UML class named 'essenceTrackIdentifier' with a multiplicity of 0..1. It has a directed association to a box labeled 'xsd:string'. A callout bubble next to the association line states: 'Built-in primitive type. The string datatype represents character strings in XML.'</p>						
Type	xsd:string						
Properties	<table border="1"> <tr> <td>content:</td> <td>simple</td> </tr> <tr> <td>minOccurs:</td> <td>0</td> </tr> <tr> <td>maxOccurs:</td> <td>1</td> </tr> </table>	content:	simple	minOccurs:	0	maxOccurs:	1
content:	simple						
minOccurs:	0						
maxOccurs:	1						
Source	<pre><xsd:element maxOccurs="1" minOccurs="0" name="essenceTrackIdentifier" type="xsd:string"> <xsd:annotation> <xsd:documentation xml:lang="en"> " " </xsd:documentation> </xsd:annotation> </xsd:element></pre>						

Element instantiationType / pbcoreEssenceTrack / essenceTrackIdentifierSource

Namespace	http://www.pbcore.org/PBCore/PBCoreNamespace.html						
Annotations	" "						
Diagram	<p>The diagram shows a UML class named 'essenceTrackIdentifierSource' with a multiplicity of 0..1. It has a directed association to a box labeled 'xsd:string'. A callout bubble next to the association line states: 'Built-in primitive type. The string datatype represents character strings in XML.'</p>						
Type	xsd:string						
Properties	<table border="1"> <tr> <td>content:</td> <td>simple</td> </tr> <tr> <td>minOccurs:</td> <td>0</td> </tr> <tr> <td>maxOccurs:</td> <td>1</td> </tr> </table>	content:	simple	minOccurs:	0	maxOccurs:	1
content:	simple						
minOccurs:	0						
maxOccurs:	1						
Source	<pre><xsd:element maxOccurs="1" minOccurs="0" name="essenceTrackIdentifierSource" type="xsd:string"> <xsd:annotation> <xsd:documentation xml:lang="en"> " " </xsd:documentation> </xsd:annotation> </xsd:element></pre>						

Element instantiationType / pbcoreEssenceTrack / essenceTrackStandard

Namespace	http://www.pbcore.org/PBCore/PBCoreNamespace.html
Annotations	"Use the descriptor essenceTrackStandard to identify a larger technical system/standard or overarching media architecture under which various media formats exist, e.g., NTSC is a system/standard under which many video formats exist."

Diagram	<pre> classDiagram sourceVersionStringType < -- essenceTrackStandard sourceVersionStringType < -- xsd:string xsd:string < -- attributes attributes < -- sourceVersionGroup </pre> <p><code>sourceVersionStringType</code> Base Type <code>xsd:string</code></p> <p><code>xsd:string</code> Built-in primitive type. The string datatype represents character strings in XML.</p> <p><code>@ attributes</code></p> <p><code>+ sourceVersionGroup</code></p> <p>"Use the descriptor <code>essenceTrackStandard</code> to identify a larger technical system/standard or overarching media..."</p>																				
Type	<code>sourceVersionStringType</code>																				
Properties	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="padding: 2px;">content:</td><td style="padding: 2px;">complex</td></tr> <tr> <td style="padding: 2px;">minOccurs:</td><td style="padding: 2px;">0</td></tr> <tr> <td style="padding: 2px;">maxOccurs:</td><td style="padding: 2px;">1</td></tr> </table>	content:	complex	minOccurs:	0	maxOccurs:	1														
content:	complex																				
minOccurs:	0																				
maxOccurs:	1																				
Attributes	<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="padding: 2px;">QName</th><th style="padding: 2px;">Type</th><th style="padding: 2px;">Fixed</th><th style="padding: 2px;">Default</th><th style="padding: 2px;">Use</th></tr> </thead> <tbody> <tr> <td style="padding: 2px;"><code>annotation</code></td><td style="padding: 2px;"><code>xsd:string</code></td><td style="padding: 2px;"></td><td style="padding: 2px;"></td><td style="padding: 2px;">optional</td></tr> <tr> <td style="padding: 2px;"><code>source</code></td><td style="padding: 2px;"><code>xsd:string</code></td><td style="padding: 2px;"></td><td style="padding: 2px;"></td><td style="padding: 2px;">optional</td></tr> <tr> <td style="padding: 2px;"><code>version</code></td><td style="padding: 2px;"><code>xsd:string</code></td><td style="padding: 2px;"></td><td style="padding: 2px;"></td><td style="padding: 2px;">optional</td></tr> </tbody> </table>	QName	Type	Fixed	Default	Use	<code>annotation</code>	<code>xsd:string</code>			optional	<code>source</code>	<code>xsd:string</code>			optional	<code>version</code>	<code>xsd:string</code>			optional
QName	Type	Fixed	Default	Use																	
<code>annotation</code>	<code>xsd:string</code>			optional																	
<code>source</code>	<code>xsd:string</code>			optional																	
<code>version</code>	<code>xsd:string</code>			optional																	
Source	<pre> <xsd:element maxOccurs="1" minOccurs="0" name="essenceTrackStandard" type="sourceVersionStringType"> <xsd:annotation> <xsd:documentation xml:lang="en">"Use the descriptor <code>essenceTrackStandard</code> to identify a larger technical system/standard or overarching media architecture under which various media formats exist, e.g., NTSC is a system/standard under which many video formats exist."</xsd:documentation> </xsd:annotation> </xsd:element> </pre>																				

Element instantiationType / pbcoreEssenceTrack / essenceTrackEncoding

Namespace	http://www.pbcore.org/PBCore/PBCoreNamespace.html						
Annotations	<p>"The descriptor <code>essenceEncoding</code> identifies how the actual information in a media item is compressed, interpreted, or formulated using a particular scheme. Identifying the encoding used is beneficial for a number of reasons, including as a way to achieve reversible compression; for the construction of document indices to facilitate searching and access; or for efficient distribution of the information across data networks with differing bandwidths or pipeline capacities."</p>						
Diagram	<pre> classDiagram essenceTrackEncoding < -- xsd:string xsd:string < -- documentation </pre> <p><code>essenceTrackEncoding</code> Type <code>xsd:string</code></p> <p><code>xsd:string</code> Built-in primitive type. The string datatype represents character strings in XML.</p> <p>"The descriptor <code>essenceEncoding</code> identifies how the actual information in a media item is compressed, interpreted, or..."</p>						
Type	<code>xsd:string</code>						
Properties	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="padding: 2px;">content:</td><td style="padding: 2px;">simple</td></tr> <tr> <td style="padding: 2px;">minOccurs:</td><td style="padding: 2px;">0</td></tr> <tr> <td style="padding: 2px;">maxOccurs:</td><td style="padding: 2px;">1</td></tr> </table>	content:	simple	minOccurs:	0	maxOccurs:	1
content:	simple						
minOccurs:	0						
maxOccurs:	1						
Source	<pre> <xsd:element maxOccurs="1" minOccurs="0" name="essenceTrackEncoding" type="xsd:string"> <xsd:annotation> <xsd:documentation xml:lang="en">"The descriptor <code>essenceEncoding</code> identifies how the actual information in a media item is compressed, interpreted, or formulated using a particular scheme. Identifying the encoding used is beneficial for a number of reasons, including as a way to achieve reversible compression; for the construction of document indices to facilitate searching and access; or for efficient distribution of the </xsd:documentation> </xsd:annotation> </xsd:element> </pre>						

<pre> pipeline </xsd:annotation> </xsd:element> </pre>	<p>information across data networks with differing bandwidths or capacities."</xsd:documentation></p>
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Element instantiationType / pbcoreEssenceTrack / essenceTrackDataRate

Namespace	http://www.pbcore.org/PBCore/PBCoreNamespace.html															
Annotations	<p>"The descriptor essenceTrackDataRate is expresses the amount of data in a digital media file that is encoded, delivered or distributed, for every second of time. Although optimal data rates are often dependent on the codec used to compress and encode a digital file, generally speaking, a larger data rate translates into a better quality playback experience, for example 56 kilobits/second vs. 1 megabit/second."</p>															
Diagram	<pre> classDiagram class essenceTrackDataRate { <<Type technicalStringType>> } class technicalStringType { <<Base Type xsd:string>> } class xsd:string { <<Built-in primitive type. The string datatype represents character strings in XML.>> @attributes @unitsOfMeasure @annotation } essenceTrackDataRate < -- technicalStringType technicalStringType < -- xsd:string </pre>															
Type	technicalStringType															
Properties	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="padding: 2px;">content:</td> <td style="padding: 2px;">complex</td> </tr> <tr> <td style="padding: 2px;">minOccurs:</td> <td style="padding: 2px;">0</td> </tr> <tr> <td style="padding: 2px;">maxOccurs:</td> <td style="padding: 2px;">1</td> </tr> </table>	content:	complex	minOccurs:	0	maxOccurs:	1									
content:	complex															
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Attributes	<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 15%;">QName</th> <th style="width: 15%;">Type</th> <th style="width: 15%;">Fixed</th> <th style="width: 15%;">Default</th> <th style="width: 15%;">Use</th> </tr> </thead> <tbody> <tr> <td style="padding: 2px;">annotation</td> <td style="padding: 2px;"></td> <td style="padding: 2px;"></td> <td style="padding: 2px;"></td> <td style="padding: 2px;">optional</td> </tr> <tr> <td style="padding: 2px;">unitsOfMeasure</td> <td style="padding: 2px;"></td> <td style="padding: 2px;"></td> <td style="padding: 2px;"></td> <td style="padding: 2px;">optional</td> </tr> </tbody> </table>	QName	Type	Fixed	Default	Use	annotation				optional	unitsOfMeasure				optional
QName	Type	Fixed	Default	Use												
annotation				optional												
unitsOfMeasure				optional												
Source	<pre> <xsd:element maxOccurs="1" minOccurs="0" name="essenceTrackDataRate" type="technicalStringType"> <xsd:annotation> <xsd:documentation xml:lang="en">"The descriptor essenceTrackDataRate is expresses the amount of data in a digital media file that is encoded, optimal data encode a into a second vs. 1 digital file, generally speaking, a larger data rate translates into a better quality playback experience, for example 56 kilobits/ megabit/second."</xsd:documentation> </xsd:annotation> </xsd:element> </pre>															

Element instantiationType / pbcoreEssenceTrack / essenceTrackTimeStart

Namespace	http://www.pbcore.org/PBCore/PBCoreNamespace.html
Annotations	<p>"The descriptor essenceTrackTimeStart provides a time stamp for the beginning point of playback for a time-based media item, such as digital video or audio. Use in combination with essenceTrackDuration to identify a sequence or segment of a media item that has a fixed start time and end time."</p>
Diagram	<pre> classDiagram class essenceTrackTimeStart { <<Type xsd:string>> } class xsd:string { <<Built-in primitive type. The string datatype represents character strings in XML.>> } essenceTrackTimeStart < -- xsd:string </pre>

Type	xsd:string
Properties	<p>content: simple</p> <p>minOccurs: 0</p> <p>maxOccurs: 1</p>
Source	<pre><xsd:element maxOccurs="1" minOccurs="0" name="essenceTrackTimeStart" type="xsd:string"> <xsd:annotation> <xsd:documentation xml:lang="en">"The descriptor essenceTrackTimeStart provides a time stamp for the beginning point of playback for a time-based media item, such as digital video or audio. Use in combination with essenceTrackDuration to identify a sequence or segment of a media item that has a fixed start time and end time."</xsd:documentation> </xsd:annotation> </xsd:element></pre>

Element instantiationType / pbcoreEssenceTrack / essenceTrackDuration

Namespace	http://www.pbcore.org/PBCore/PBCoreNamespace.html
Annotations	"The descriptor formatDuration provides a timestamp for the overall length or duration of a time-based media item. It represents the playback time."
Diagram	<p>The descriptor formatDuration provides a timestamp for the overall length or duration of a time-based media item. It...</p>
Type	xsd:string
Properties	<p>content: simple</p> <p>minOccurs: 0</p> <p>maxOccurs: 1</p>
Source	<pre><xsd:element maxOccurs="1" minOccurs="0" name="essenceTrackDuration" type="xsd:string"> <xsd:annotation> <xsd:documentation xml:lang="en">"The descriptor formatDuration provides a timestamp for the overall length or duration of a time-based media item. It represents the playback time."</xsd:documentation> </xsd:annotation> </xsd:element></pre>

Element instantiationType / pbcoreEssenceTrack / essenceTrackBitDepth

Namespace	http://www.pbcore.org/PBCore/PBCoreNamespace.html
Annotations	"For a media item (specifically, audio, video, or image), the descriptor essenceTrackBitDepth measures "How Much" data is sampled when information is digitized, encoded, or converted. Bit depth is measured in bits and is an indicator of the perceived viewing or playback quality of a media item (the higher the bit depth, the greater the fidelity)."
Diagram	<p>For a media item (specifically, audio, video, or image), the descriptor essenceTrackBitDepth measures "How Much" data...</p>
Type	sourceVersionStringType
Properties	content: complex

	minOccurs:	0			
	maxOccurs:	1			
Attributes	QName	Type	Fixed	Default	Use
	annotation	xsd:string			optional
	source	xsd:string			optional
	version	xsd:string			optional
Source	<pre><xsd:element maxOccurs="1" minOccurs="0" name="essenceTrackBitDepth" type="sourceVersionStringType"> <xsd:annotation> <xsd:documentation xml:lang="en">"For a media item (specifically, audio, video, or image), the descriptor essenceTrackBitDepth measures "How Much" converted. Bit viewing or greater </xsd:documentation> </xsd:annotation> </xsd:element></pre>				

Element instantiationType / pbcoreEssenceTrack / essenceTrackSamplingRate

Namespace	http://www.pbcore.org/PBCore/PBCoreNamespace.html																			
Annotations	<p>"For a media item (specifically audio), the descriptor essenceTrackSamplingRate measures "How Often " data is sampled when information is digitized. For a digital audio signal, the sampling rate is measured in kiloHertz and is an indicator of the perceived playback quality of the media item (the higher the sampling rate, the greater the fidelity)."</p>																			
Diagram	<pre> classDiagram class essenceTrackSamplingRate { <<sourceVersionStringType>> Type sourceVersionStringType } class xsdstring { <<Built-in primitive type. The string datatype represents character strings in XML.>> } class sourceVersionGroup { <<sourceVersionGroup>> } essenceTrackSamplingRate --> xsdstring essenceTrackSamplingRate --> sourceVersionGroup xsdstring < -- sourceVersionStringType sourceVersionStringType < -- sourceVersionGroup </pre>																			
Type	sourceVersionStringType																			
Properties	<table border="1"> <tr> <td>content:</td> <td>complex</td> <td></td> <td></td> <td></td> </tr> <tr> <td>minOccurs:</td> <td>0</td> <td></td> <td></td> <td></td> </tr> <tr> <td>maxOccurs:</td> <td>1</td> <td></td> <td></td> <td></td> </tr> </table>					content:	complex				minOccurs:	0				maxOccurs:	1			
content:	complex																			
minOccurs:	0																			
maxOccurs:	1																			
Attributes	QName	Type	Fixed	Default	Use															
	annotation	xsd:string			optional															
	source	xsd:string			optional															
	version	xsd:string			optional															
Source	<pre><xsd:element maxOccurs="1" minOccurs="0" name="essenceTrackSamplingRate" type="sourceVersionStringType"> <xsd:annotation> <xsd:documentation xml:lang="en">"For a media item (specifically audio), the descriptor essenceTrackSamplingRate measures "How Often " data is sampled when information is digitized. For a digital audio signal, the rate is measured in kiloHertz and is an indicator of the playback quality of the media item (the higher the sampling rate, the greater the fidelity)."</xsd:documentation> </xsd:annotation> </xsd:element></pre>																			

Element instantiationType / pbcoreEssenceTrack / essenceTrackFrameSize

Namespace	http://www.pbcore.org/PBCore/PBCoreNamespace.html																				
Annotations	<p>"The descriptor essenceTrackFrameSize indicates the horizontal and vertical resolution of a format type. It may be expressed in pixels, pixels per inch, or in the case of ATSC digital TV, a combination of pixels measured horizontally vs. the number of pixels of image/resolution data stacked vertically (interlaced and progressive scan)."</p>																				
Diagram	<pre> classDiagram class essenceTrackFrameSize { <<sourceVersionStringType>> xsd:string sourceVersionGroup } xsd:string "Built-in primitive type. The string datatype represents character strings in XML." sourceVersionGroup </pre>																				
Type	sourceVersionStringType																				
Properties	<table border="1"> <tr> <td>content:</td> <td>complex</td> </tr> <tr> <td>minOccurs:</td> <td>0</td> </tr> <tr> <td>maxOccurs:</td> <td>1</td> </tr> </table>	content:	complex	minOccurs:	0	maxOccurs:	1														
content:	complex																				
minOccurs:	0																				
maxOccurs:	1																				
Attributes	<table border="1"> <thead> <tr> <th>QName</th> <th>Type</th> <th>Fixed</th> <th>Default</th> <th>Use</th> </tr> </thead> <tbody> <tr> <td>annotation</td> <td>xsd:string</td> <td></td> <td></td> <td>optional</td> </tr> <tr> <td>source</td> <td>xsd:string</td> <td></td> <td></td> <td>optional</td> </tr> <tr> <td>version</td> <td>xsd:string</td> <td></td> <td></td> <td>optional</td> </tr> </tbody> </table>	QName	Type	Fixed	Default	Use	annotation	xsd:string			optional	source	xsd:string			optional	version	xsd:string			optional
QName	Type	Fixed	Default	Use																	
annotation	xsd:string			optional																	
source	xsd:string			optional																	
version	xsd:string			optional																	
Source	<pre> <xsd:element maxOccurs="1" minOccurs="0" name="essenceTrackFrameSize" type="sourceVersionStringType"> <xsd:annotation> <xsd:documentation xml:lang="en">"The descriptor essenceTrackFrameSize indicates the horizontal and vertical resolution of a format type. It may be expressed in pixels, pixels per inch, or in the case of ATSC digital TV, a combination of pixels measured horizontally vs. the number of pixels of image/resolution data stacked vertically (interlaced and progressive scan). "</xsd:documentation> </xsd:annotation> </xsd:element> </pre>																				

Element instantiationType / pbcoreEssenceTrack / essenceTrackAspectRatio

Namespace	http://www.pbcore.org/PBCore/PBCoreNamespace.html		
Annotations	<p>"The descriptor essenceTrackAspectRatio indicates the ratio of horizontal to vertical proportions in the display of an static image or moving image."</p>		
Diagram	<pre> classDiagram class essenceTrackAspectRatio { <<sourceVersionStringType>> xsd:string sourceVersionGroup } xsd:string "Built-in primitive type. The string datatype represents character strings in XML." sourceVersionGroup </pre>		
Type	sourceVersionStringType		
Properties	<table border="1"> <tr> <td>content:</td> <td>complex</td> </tr> </table>	content:	complex
content:	complex		

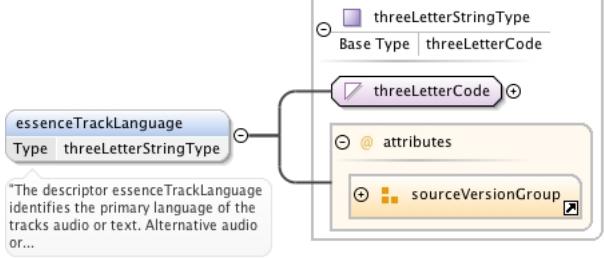
	minOccurs:	0			
	maxOccurs:	1			
Attributes	QName	Type	Fixed	Default	Use
	annotation	xsd:string			optional
	source	xsd:string			optional
	version	xsd:string			optional
Source	<pre><xsd:element maxOccurs="1" minOccurs="0" name="essenceTrackAspectRatio" type="sourceVersionStringType"> <xsd:annotation> <xsd:documentation xml:lang="en">"The descriptor essenceTrackAspectRatio indicates the ratio of horizontal to vertical proportions in the display </xsd:documentation> </xsd:annotation> </xsd:element></pre>				

Element instantiationType / pbcoreEssenceTrack / essenceTrackFrameRate

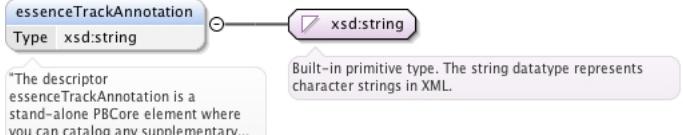
Namespace	http://www.pbcore.org/PBCore/PBCoreNamespace.html																				
Annotations	"The descriptor essenceTrackFrameRate indicates the frames per second found in a video, motion sequence, flash file, or animation's playback or display."																				
Diagram	<pre> graph TD sourceVersionStringType["sourceVersionStringType Base Type xsd:string"] --> xsdstring["xsd:string Built-in primitive type. The string datatype represents character strings in XML."] sourceVersionStringType --> attributes["@ attributes"] sourceVersionStringType --> sourceVersionGroup["sourceVersionGroup"] </pre>																				
Type	sourceVersionStringType																				
Properties	<table border="1"> <tr> <td>content:</td> <td>complex</td> </tr> <tr> <td>minOccurs:</td> <td>0</td> </tr> <tr> <td>maxOccurs:</td> <td>1</td> </tr> </table>	content:	complex	minOccurs:	0	maxOccurs:	1														
content:	complex																				
minOccurs:	0																				
maxOccurs:	1																				
Attributes	<table border="1"> <tr> <td>QName</td><td>Type</td><td>Fixed</td><td>Default</td><td>Use</td></tr> <tr> <td>annotation</td><td>xsd:string</td><td></td><td></td><td>optional</td></tr> <tr> <td>source</td><td>xsd:string</td><td></td><td></td><td>optional</td></tr> <tr> <td>version</td><td>xsd:string</td><td></td><td></td><td>optional</td></tr> </table>	QName	Type	Fixed	Default	Use	annotation	xsd:string			optional	source	xsd:string			optional	version	xsd:string			optional
QName	Type	Fixed	Default	Use																	
annotation	xsd:string			optional																	
source	xsd:string			optional																	
version	xsd:string			optional																	
Source	<pre><xsd:element maxOccurs="1" minOccurs="0" name="essenceTrackFrameRate" type="sourceVersionStringType"> <xsd:annotation> <xsd:documentation xml:lang="en">"The descriptor essenceTrackFrameRate indicates the frames per second found in a video, motion sequence, flash </xsd:documentation> </xsd:annotation> </xsd:element></pre>																				

Element instantiationType / pbcoreEssenceTrack / essenceTrackLanguage

Namespace	http://www.pbcore.org/PBCore/PBCoreNamespace.html
Annotations	"The descriptor essenceTrackLanguage identifies the primary language of the tracks audio or text. Alternative audio or text tracks and their associated languages should be identified using the descriptor alternativeModes."

Diagram																					
Type	threeLetterStringType																				
Type hierarchy	<ul style="list-style-type: none"> • xsd:string • threeLetterCode • threeLetterStringType 																				
Properties	<table border="1"> <tr> <td>content:</td> <td>complex</td> </tr> <tr> <td>minOccurs:</td> <td>0</td> </tr> <tr> <td>maxOccurs:</td> <td>1</td> </tr> </table>	content:	complex	minOccurs:	0	maxOccurs:	1														
content:	complex																				
minOccurs:	0																				
maxOccurs:	1																				
Attributes	<table border="1"> <thead> <tr> <th>QName</th> <th>Type</th> <th>Fixed</th> <th>Default</th> <th>Use</th> </tr> </thead> <tbody> <tr> <td>annotation</td> <td>xsd:string</td> <td></td> <td></td> <td>optional</td> </tr> <tr> <td>source</td> <td>xsd:string</td> <td></td> <td></td> <td>optional</td> </tr> <tr> <td>version</td> <td>xsd:string</td> <td></td> <td></td> <td>optional</td> </tr> </tbody> </table>	QName	Type	Fixed	Default	Use	annotation	xsd:string			optional	source	xsd:string			optional	version	xsd:string			optional
QName	Type	Fixed	Default	Use																	
annotation	xsd:string			optional																	
source	xsd:string			optional																	
version	xsd:string			optional																	
Source	<pre><xsd:element maxOccurs="1" minOccurs="0" name="essenceTrackLanguage" type="threeLetterStringType"> <xsd:annotation> <xsd:documentation xml:lang="en">"The descriptor essenceTrackLanguage identifies the primary language of the tracks audio or text. Alternative audio or text tracks and their associated languages should be identified using the descriptor alternativeModes."</xsd:documentation> </xsd:annotation> </xsd:element></pre>																				

Element instantiationType / pbcoreEssenceTrack / essenceTrackAnnotation

Namespace	http://www.pbcore.org/PBCore/PBCoreNamespace.html						
Annotations	"The descriptor essenceTrackAnnotation is a stand-alone PBCore element where you can catalog any supplementary information about a track or the metadata used to describe it. annotation clarifies element values, terms, descriptors, and vocabularies that may not be otherwise sufficiently understood."						
Diagram							
Type	xsd:string						
Properties	<table border="1"> <tr> <td>content:</td> <td>simple</td> </tr> <tr> <td>minOccurs:</td> <td>0</td> </tr> <tr> <td>maxOccurs:</td> <td>1</td> </tr> </table>	content:	simple	minOccurs:	0	maxOccurs:	1
content:	simple						
minOccurs:	0						
maxOccurs:	1						
Source	<pre><xsd:element maxOccurs="1" minOccurs="0" name="essenceTrackAnnotation" type="xsd:string"> <xsd:annotation> <xsd:documentation xml:lang="en">"The descriptor essenceTrackAnnotation is a stand-alone PBCore element where you can catalog any supplementary information about a track or the metadata used to describe it. annotation clarifies element values, terms, descriptors, and vocabularies that may not be otherwise sufficiently understood."</xsd:documentation> </xsd:annotation> </xsd:element></pre>						

Element instantiationType / pbcoreDateAvailable

Namespace	http://www.pbcore.org/PBCore/PBCoreNamespace.html
Diagram	<p>The diagram illustrates the UML class <code>pbcoreDateAvailable</code>. It has two associations: <code>dateAvailableStart</code> and <code>dateAvailableEnd</code>, both of which are typed as <code>xsd:string</code>. A tooltip for <code>dateAvailableStart</code> states: "The descriptor dateAvailableStart specifies a specific start date for the availability of a version or rendition of a...". A tooltip for <code>dateAvailableEnd</code> states: "The descriptor dateAvailableEnd specifies a specific end date for the availability of a version or rendition of a...".</p>
Properties	<p>content: complex</p> <p>minOccurs: 0</p> <p>maxOccurs: unbounded</p>
Model	<code>dateAvailableStart{0,1}</code> , <code>dateAvailableEnd{0,1}</code>
Children	<code>dateAvailableEnd</code> , <code>dateAvailableStart</code>
Instance	<pre><pbcoreDateAvailable> <dateAvailableStart>{0,1}</dateAvailableStart> <dateAvailableEnd>{0,1}</dateAvailableEnd> </pbcoreDateAvailable></pre>
Source	<pre><xsd:element maxOccurs="unbounded" minOccurs="0" name="pbcoreDateAvailable"> <xsd:complexType> <xsd:sequence> <xsd:element maxOccurs="1" minOccurs="0" name="dateAvailableStart" type="xsd:string"> <xsd:annotation> <xsd:documentation xml:lang="en">"The descriptor dateAvailableStart specifies a specific start date for the availability of a version or rendition of a media item. It may refer to start dates for the availability of a program that is broadcast locally, regionally, nationally or internationally, or for web-based distribution. A specific time may also be associated with the date."</xsd:documentation> </xsd:annotation> </xsd:element> <xsd:element maxOccurs="1" minOccurs="0" name="dateAvailableEnd" type="xsd:string"> <xsd:annotation> <xsd:documentation xml:lang="en">"The descriptor dateAvailableEnd specifies a specific end date for the availability of a version or rendition of a media item. It may refer to end dates for the availability of a program that is broadcast locally, regionally, nationally or internationally, or for web-based distribution. A specific time may also be associated with the date."</xsd:documentation> </xsd:annotation> </xsd:element> </xsd:sequence> </xsd:complexType> </xsd:element></pre>

Element instantiationType / pbcoreDateAvailable / dateAvailableStart

Namespace	http://www.pbcore.org/PBCore/PBCoreNamespace.html
Annotations	<p>"The descriptor dateAvailableStart specifies a specific start date for the availability of a version or rendition of a media item. It may refer to start dates for the availability of a program that is broadcast locally, regionally, nationally or internationally, or for web-based distribution. A specific time may also be associated with the date."</p>
Diagram	<p>The diagram illustrates the UML class <code>dateAvailableStart</code>. It has one association to the primitive type <code>xsd:string</code>. A tooltip for <code>dateAvailableStart</code> states: "The descriptor dateAvailableStart specifies a specific start date for the availability of a version or rendition of a...". Another tooltip for <code>xsd:string</code> states: "Built-in primitive type. The string datatype represents character strings in XML."</p>

Type	xsd:string
Properties	<p>content: simple</p> <p>minOccurs: 0</p> <p>maxOccurs: 1</p>
Source	<pre><xsd:element maxOccurs="1" minOccurs="0" name="dateAvailableStart" type="xsd:string"> <xsd:annotation> <xsd:documentation xml:lang="en">"The descriptor dateAvailableStart specifies a specific start date for the availability of a version or rendition of a media item. It may refer to start dates for the availability of a program that is broadcast locally, regionally, nationally or internationally, or for web-based distribution. A specific time may also be associated with the date."</xsd:documentation> </xsd:annotation> </xsd:element></pre>

Element instantiationType / pbcoreDateAvailable / dateAvailableEnd

Namespace	http://www.pbcore.org/PBCore/PBCoreNamespace.html
Annotations	"The descriptor dateAvailableEnd specifies a specific end date for the availability of a version or rendition of a media item. It may refer to end dates for the availability of a program that is broadcast locally, regionally, nationally or internationally, or for web-based distribution. A specific time may also be associated with the date."
Diagram	
Type	xsd:string
Properties	<p>content: simple</p> <p>minOccurs: 0</p> <p>maxOccurs: 1</p>
Source	<pre><xsd:element maxOccurs="1" minOccurs="0" name="dateAvailableEnd" type="xsd:string"> <xsd:annotation> <xsd:documentation xml:lang="en">"The descriptor dateAvailableEnd specifies a specific end date for the availability of a version or rendition of a media item. It may refer to end dates for the availability of a program that is broadcast locally, regionally, nationally or internationally, or associated with the date."</xsd:documentation> </xsd:annotation> </xsd:element></pre>

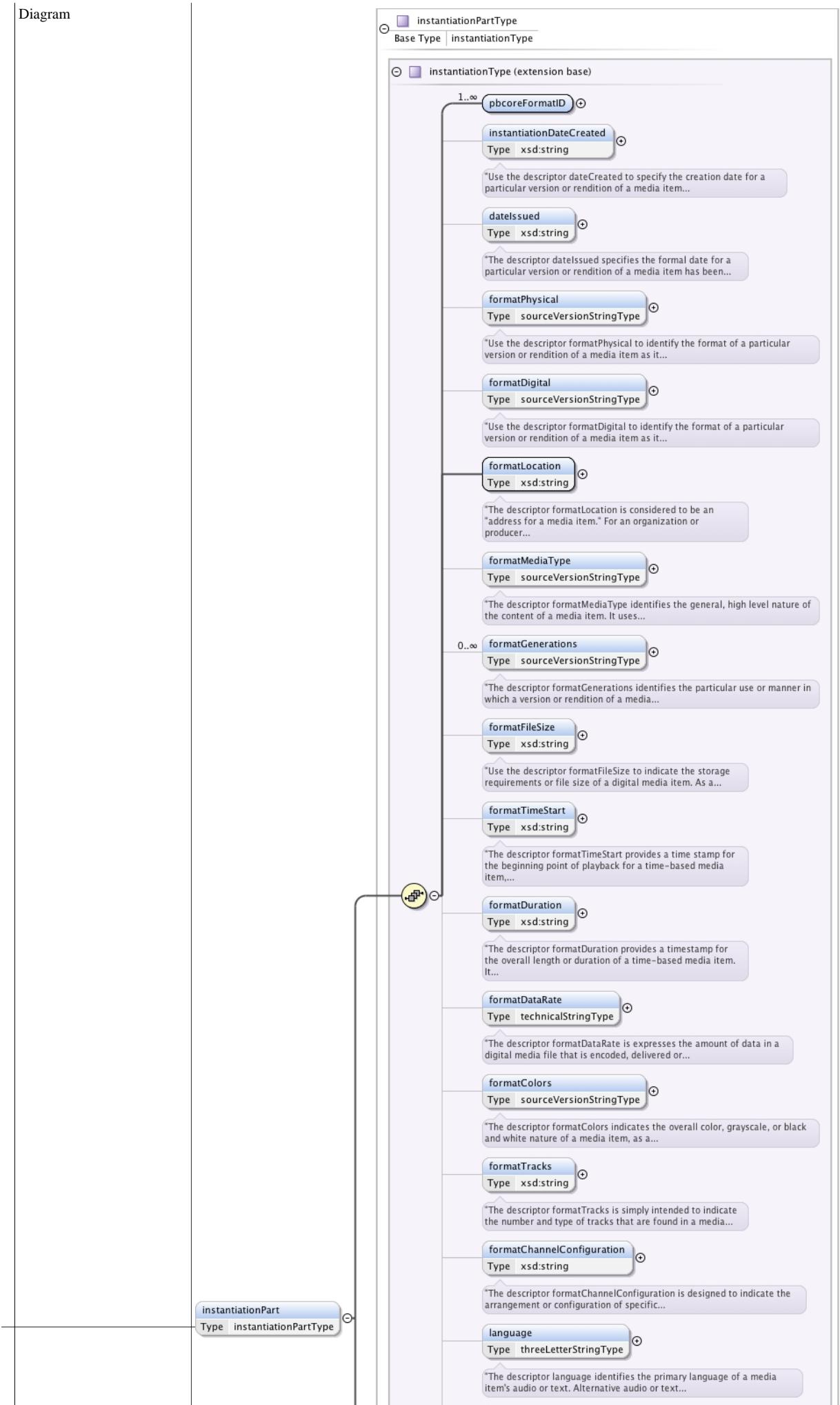
Element instantiationType / instantiationRights

Namespace	http://www.pbcore.org/PBCore/PBCoreNamespace.html
Annotations	"The Rights for this particular instantiation."

Diagram	<pre> classDiagram class instantiationRights { <<The Rights for this particular instantiation.>> } class rightsSummaryType { rightsSummary sourceVersionStringType } instantiationRights "1" --> "1" rightsSummaryType rightsSummaryType "1" --> "1" rightsLink rightsSummaryType "1" --> "1" rightsEmbedded class rightsLink { <<A URI pointing to a declaration of rights>> } class rightsEmbedded { <<rightsEmbedded>> embeddedType } </pre>						
Type	rightsSummaryType						
Properties	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="padding: 2px;">content:</td><td style="padding: 2px;">complex</td></tr> <tr> <td style="padding: 2px;">minOccurs:</td><td style="padding: 2px;">0</td></tr> <tr> <td style="padding: 2px;">maxOccurs:</td><td style="padding: 2px;">unbounded</td></tr> </table>	content:	complex	minOccurs:	0	maxOccurs:	unbounded
content:	complex						
minOccurs:	0						
maxOccurs:	unbounded						
Model	rightsSummary{0,1} rightsLink{0,1} rightsEmbedded{0,1}						
Children	rightsEmbedded, rightsLink, rightsSummary						
Instance	<pre> <instantiationRights> <rightsSummary annotation="" source="" version="">{0,1}</rightsSummary> <rightsLink annotation="">{0,1}</rightsLink> <rightsEmbedded annotation="">{0,1}</rightsEmbedded> </instantiationRights> </pre>						
Source	<pre> <xsd:element name="instantiationRights" type="rightsSummaryType" maxOccurs="unbounded" minOccurs="0"> <xsd:annotation> <xsd:documentation xml:lang="en">"The Rights for this particular instantiation."</ xsd:documentation> </xsd:annotation> </xsd:element> </pre>						

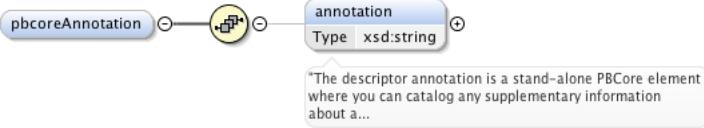
Element instantiationType / instantiationPart

Namespace	http://www.pbcore.org/PBCore/PBCoreNamespace.html
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Type	instantiationPartType																														
Type hierarchy	<ul style="list-style-type: none"> instantiationType instantiationPartType 																														
Properties	<p>content: complex</p> <p>minOccurs: 0</p> <p>maxOccurs: unbounded</p>																														
Model	<p>pbcoreFormatID+, instantiationDateCreated{0,1}, dateIssued{0,1}, formatPhysical{0,1}, formatDigital{0,1}, formatLocation, formatMediaType{0,1}, formatGenerations*, formatFileSize{0,1}, formatTimeStart{0,1}, formatDuration{0,1}, formatDataRate{0,1}, formatColors{0,1}, formatTracks{0,1}, formatChannelConfiguration{0,1}, language{0,1}, alternativeModes{0,1}, pbcoreEssenceTrack*, pbcoreDateAvailable*, instantiationRights*, instantiationPart*, pbcoreAnnotation*</p>																														
Children	alternativeModes, dateIssued, formatChannelConfiguration, formatColors, formatDataRate, formatDigital, formatDuration, formatFileSize, formatGenerations, formatLocation, formatMediaType, formatPhysical, formatTimeStart, formatTracks, instantiationDateCreated, instantiationPart, instantiationRights, language, pbcoreAnnotation, pbcoreDateAvailable, pbcoreEssenceTrack, pbcoreFormatID																														
Instance	<pre><instantiationPart annotation="" relationID="" relationType=""> <pbcoreFormatID>{1,unbounded}</pbcoreFormatID> <instantiationDateCreated>{0,1}</instantiationDateCreated> <dateIssued>{0,1}</dateIssued> <formatPhysical annotation="" source="" version="">{0,1}</formatPhysical> <formatDigital annotation="" source="" version="">{0,1}</formatDigital> <formatLocation>{1,1}</formatLocation> <formatMediaType annotation="" source="" version="">{0,1}</formatMediaType> <formatGenerations annotation="" source="" version="">{0,unbounded}</formatGenerations> <formatFileSize>{0,1}</formatFileSize> <formatTimeStart>{0,1}</formatTimeStart> <formatDuration>{0,1}</formatDuration> <formatDataRate annotation="" unitsOfMeasure="">{0,1}</formatDataRate> <formatColors annotation="" source="" version="">{0,1}</formatColors> <formatTracks>{0,1}</formatTracks> <formatChannelConfiguration>{0,1}</formatChannelConfiguration> <language annotation="" source="" version="">{0,1}</language> <alternativeModes>{0,1}</alternativeModes> <pbcoreEssenceTrack>{0,unbounded}</pbcoreEssenceTrack> <pbcoreDateAvailable>{0,unbounded}</pbcoreDateAvailable> <instantiationRights>{0,unbounded}</instantiationRights> <instantiationPart annotation="" relationID="" relationType="">{0,unbounded}</instantiationPart> <pbcoreAnnotation>{0,unbounded}</pbcoreAnnotation> </instantiationPart></pre>																														
Attributes	<table border="1"> <thead> <tr> <th>QName</th> <th>Type</th> <th>Fixed</th> <th>Default</th> <th>Use</th> </tr> </thead> <tbody> <tr> <td>annotation</td> <td>xsd:string</td> <td></td> <td></td> <td>optional</td> </tr> <tr> <td>relationID</td> <td>xsd:string</td> <td></td> <td></td> <td>optional</td> </tr> <tr> <td></td> <td></td> <td></td> <td></td> <td>This part is then referenced to another part."</td> </tr> <tr> <td>relationType</td> <td>xsd:string</td> <td></td> <td></td> <td>optional</td> </tr> <tr> <td></td> <td></td> <td></td> <td></td> <td>"This attribute relate this part to another. It could be a episode in a series or a program segment recorded on many tapes."</td> </tr> </tbody> </table>	QName	Type	Fixed	Default	Use	annotation	xsd:string			optional	relationID	xsd:string			optional					This part is then referenced to another part."	relationType	xsd:string			optional					"This attribute relate this part to another. It could be a episode in a series or a program segment recorded on many tapes."
QName	Type	Fixed	Default	Use																											
annotation	xsd:string			optional																											
relationID	xsd:string			optional																											
				This part is then referenced to another part."																											
relationType	xsd:string			optional																											
				"This attribute relate this part to another. It could be a episode in a series or a program segment recorded on many tapes."																											
Source	<pre><xsd:element name="instantiationPart" type="instantiationPartType" maxOccurs="unbounded" minOccurs="0"/></pre>																														

Element instantiationType / pbcoreAnnotation

Namespace	http://www.pbcore.org/PBCore/PBCoreNamespace.html
Diagram	 <p>The descriptor annotation is a stand-alone PBCore element where you can catalog any supplementary information about a...</p>
Properties	<p>content: complex</p> <p>minOccurs: 0</p> <p>maxOccurs: unbounded</p>
Model	annotation{0,1}
Children	annotation

Instance	<pre><pbcoreAnnotation> <annotation>{0,1}</annotation> </pbcoreAnnotation></pre>
Source	<pre><xsd:element maxOccurs="unbounded" minOccurs="0" name="pbcoreAnnotation"> <xsd:complexType> <xsd:sequence> <xsd:element maxOccurs="1" minOccurs="0" name="annotation" type="xsd:string"> <xsd:annotation> <xsd:documentation xml:lang="en">"The descriptor annotation is a stand-alone PBCore element where you can catalog any supplementary information about a media item or the metadata used to describe it. annotation clarifies element values, terms, descriptors, and vocabularies that may not be otherwise sufficiently understood."</xsd:documentation> </xsd:annotation> </xsd:element> </xsd:sequence> </xsd:complexType> </xsd:element></pre>

Element instantiationType / pbcoreAnnotation / annotation

Namespace	http://www.pbcore.org/PBCore/PBCoreNamespace.html						
Annotations	"The descriptor annotation is a stand-alone PBCore element where you can catalog any supplementary information about a media item or the metadata used to describe it. annotation clarifies element values, terms, descriptors, and vocabularies that may not be otherwise sufficiently understood."						
Diagram	<p>The diagram shows a UML class named "annotation" with a multiplicity of 0..1. It has a directed association labeled "xsd:string" pointing to a class icon representing the primitive type "xsd:string". A callout box provides the definition: "Built-in primitive type. The string datatype represents character strings in XML." Another callout box contains the annotation text: "The descriptor annotation is a stand-alone PBCore element where you can catalog any supplementary information about a media item or the metadata used to describe it. annotation clarifies element values, terms, descriptors, and vocabularies that may not be otherwise sufficiently understood."</p>						
Type	xsd:string						
Properties	<table border="1"> <tr> <td>content:</td> <td>simple</td> </tr> <tr> <td>minOccurs:</td> <td>0</td> </tr> <tr> <td>maxOccurs:</td> <td>1</td> </tr> </table>	content:	simple	minOccurs:	0	maxOccurs:	1
content:	simple						
minOccurs:	0						
maxOccurs:	1						
Source	<pre><xsd:element maxOccurs="1" minOccurs="0" name="annotation" type="xsd:string"> <xsd:annotation> <xsd:documentation xml:lang="en">"The descriptor annotation is a stand-alone PBCore element where you can catalog any supplementary information about a media item or the metadata used to describe it. annotation clarifies element values, terms, descriptors, and vocabularies that may not be otherwise sufficiently understood."</xsd:documentation> </xsd:annotation> </xsd:element></pre>						

Element pbcoreDocumentDescriptionType / pbcorePart

Namespace	http://www.pbcore.org/PBCore/PBCoreNamespace.html
Annotations	

Diagram	<pre> classDiagram pbcorePartType < -- pbcoreDocumentDescriptionType pbcoreDocumentDescriptionType { pbcoreAssetType pbcoreIdentifier[1..∞] pbcoreTitle[1..∞] pbcoreSubject[0..∞] pbcoreDescription[1..∞] pbcoreGenre[0..∞] pbcoreRelation[0..∞] pbcoreCoverage[0..∞] pbcoreAudienceLevel[0..∞] pbcoreAudienceRating[0..∞] pbcoreCreator[0..∞] pbcoreContributor[0..∞] pbcorePublisher[0..∞] pbcoreRightsSummary { Type rightsSummaryType "The Rights for all Instantiations or General Rights." } pbcoreInstantiation { Type instantiationType "Instantiations" } pbcorePart[0..∞] pbcoreExtension[0..∞] } pbcorePart { Type pbcorePartType } </pre>						
Type	pbcorePartType						
Type hierarchy	<ul style="list-style-type: none"> • pbcoreDocumentDescriptionType • pbcorePartType 						
Properties	<table border="1"> <tr> <td>content:</td><td>complex</td></tr> <tr> <td>minOccurs:</td><td>0</td></tr> <tr> <td>maxOccurs:</td><td>unbounded</td></tr> </table>	content:	complex	minOccurs:	0	maxOccurs:	unbounded
content:	complex						
minOccurs:	0						
maxOccurs:	unbounded						
Model	pbcoreAssetType{0,1} , pbcoreIdentifier+ , pbcoreTitle+ , pbcoreSubject* , pbcoreDescription+ , pbcoreGenre* , pbcoreRelation* , pbcoreCoverage* , pbcoreAudienceLevel* , pbcoreAudienceRating* , pbcoreCreator* , pbcoreContributor* , pbcorePublisher* , pbcoreRightsSummary* , pbcoreInstantiation* , pbcorePart* , pbcoreExtension*						
Children	pbcoreAssetType, pbcoreAudienceLevel, pbcoreAudienceRating, pbcoreContributor, pbcoreCoverage, pbcoreCreator, pbcoreDescription, pbcoreExtension, pbcoreGenre, pbcoreIdentifier, pbcoreInstantiation, pbcorePart, pbcorePublisher, pbcoreRelation, pbcoreRightsSummary, pbcoreSubject, pbcoreTitle						
Instance	<pre> <pbcorePart annotation="" relationID="" relationType=""> <pbcoreAssetType>{0,1}</pbcoreAssetType> <pbcoreIdentifier>{1,unbounded}</pbcoreIdentifier> <pbcoreTitle>{1,unbounded}</pbcoreTitle> <pbcoreSubject>{0,unbounded}</pbcoreSubject> <pbcoreDescription>{1,unbounded}</pbcoreDescription> <pbcoreGenre>{0,unbounded}</pbcoreGenre> <pbcoreRelation>{0,unbounded}</pbcoreRelation> <pbcoreCoverage>{0,unbounded}</pbcoreCoverage> </pre>						

	<pre><pbcoreAudienceLevel>{0,unbounded}</pbcoreAudienceLevel> <pbcoreAudienceRating>{0,unbounded}</pbcoreAudienceRating> <pbcoreCreator>{0,unbounded}</pbcoreCreator> <pbcoreContributor>{0,unbounded}</pbcoreContributor> <pbcorePublisher>{0,unbounded}</pbcorePublisher> <pbcoreRightsSummary>{0,unbounded}</pbcoreRightsSummary> <pbcoreInstantiation>{0,unbounded}</pbcoreInstantiation> <pbcorePart annotation="" relationID="" relationType="">{0,unbounded}</pbcorePart> <pbcoreExtension>{0,unbounded}</pbcoreExtension> </pbcorePart></pre>				
Attributes	QName	Type	Fixed	Default	Use
	annotation	xsd:string			optional
	relationID	xsd:string			optional
		This part is then referenced to another part."			
	relationType	xsd:string			optional
		"This attribute relate this part to another. It could be a episode in a series or a program segment recorded on many tapes."			
Source	<pre><xsd:element maxOccurs="unbounded" minOccurs="0" name="pbcorePart" type="pbcorePartType"> <xsd:annotation> <xsd:documentation/> </xsd:annotation> </xsd:element></pre>				

Element pbcoreDocumentDescriptionType / pbcoreExtension

Namespace	http://www.pbcore.org/PBCore/PBCoreNamespace.html
Annotations	
Diagram	<pre> classDiagram class pbcoreExtension class extensionWrap class extensionEmbedded pbcoreExtension "0..>" -- "0..>" extensionWrap pbcoreExtension "0..>" -- "0..>" extensionEmbedded </pre>
Properties	content: complex minOccurs: 0 maxOccurs: unbounded
Model	extensionWrap* extensionEmbedded{0,1}
Children	extensionEmbedded, extensionWrap
Instance	<pre><pbcoreExtension> <extensionWrap annotation="">{0,unbounded}</extensionWrap> <extensionEmbedded annotation="">{0,1}</extensionEmbedded> </pbcoreExtension></pre>
Source	<pre><xsd:element maxOccurs="unbounded" minOccurs="0" name="pbcoreExtension"> <xsd:annotation> <xsd:documentation/> </xsd:annotation> <xsd:complexType> <xsd:choice> <xsd:element maxOccurs="unbounded" minOccurs="0" name="extensionWrap"> <xsd:complexType> <xsd:sequence> <xsd:element maxOccurs="1" minOccurs="1" name="extensionElement" type="xsd:string"> <xsd:annotation> <xsd:documentation xml:lang="en">"The descriptor extension provides metadata descriptions crafted into metadata dictionaries and schemas outside of the PBCore Metadata Dictionary Project. These communities with specialized, custom terminologies."</xsd:documentation> </xsd:annotation> </xsd:element> </xsd:sequence> </xsd:complexType> </xsd:element> </xsd:choice> <xsd:element maxOccurs="1" minOccurs="1" name="extensionValue" type="xsd:string"> <xsd:annotation> <xsd:documentation xml:lang="en">"The descriptor</pre>

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                extension" />
```

`</xsd:annotation>`
`</xsd:element>`
`<xsd:element maxOccurs="1" minOccurs="1" name="extensionAuthorityUsed" type="xsd:anyURI">`
 `<xsd:annotation>`
 `<xsd:documentation xml:lang="en">If metadata extensions to PBCore are assigned to a media item with the descriptor extension, and the terms used are derived from a specific authority scheme, use extensionAuthorityUsed to identify whose metadata extensions are being used."</xsd:documentation>`
 `</xsd:annotation>`
`</xsd:element>`
`</xsd:sequence>`
`<xsd:attribute name="annotation" type="xsd:string"/>`
`</xsd:complexType>`
`</xsd:element>`
`<xsd:element maxOccurs="1" minOccurs="0" name="extensionEmbedded" type="embeddedType">`
 `<xsd:element>`
 `</xsd:choice>`
`</xsd:complexType>`
`</xsd:element>`

Element pbcoreDocumentDescriptionType / pbcoreExtension / extensionWrap

Namespace	http://www.pbcore.org/PBCore/PBCoreNamespace.html										
Diagram	<p>The diagram shows the <code>extensionWrap</code> element with its attributes: <code>annotation</code> (xsd:string), <code>extensionElement</code> (xsd:string), <code>extensionValue</code> (xsd:string), and <code>extensionAuthorityUsed</code> (xsd:anyURI). A callout box provides a detailed description of the <code>extensionElement</code> attribute.</p> <p><code>extensionElement</code> Type xsd:string</p> <p>"The descriptor extension provides metadata descriptions crafted into metadata dictionaries and schemas outside of the..."</p> <p><code>extensionValue</code> Type xsd:string</p> <p>"The descriptor extension"</p> <p><code>extensionAuthorityUsed</code> Type xsd:anyURI</p> <p>"If metadata extensions to PBCore are assigned to a media item with the descriptor extension, and the terms used are..."</p>										
Properties	<p>content: complex</p> <p>minOccurs: 0</p> <p>maxOccurs: unbounded</p>										
Model	extensionElement , extensionValue , extensionAuthorityUsed										
Children	extensionAuthorityUsed, extensionElement, extensionValue										
Instance	<pre> <extensionWrap annotation=""> <extensionElement>{1,1}</extensionElement> <extensionValue>{1,1}</extensionValue> <extensionAuthorityUsed>{1,1}</extensionAuthorityUsed> </extensionWrap> </pre>										
Attributes	<table border="1"> <thead> <tr> <th>QName</th> <th>Type</th> <th>Fixed</th> <th>Default</th> <th>Use</th> </tr> </thead> <tbody> <tr> <td>annotation</td> <td>xsd:string</td> <td></td> <td></td> <td>optional</td> </tr> </tbody> </table>	QName	Type	Fixed	Default	Use	annotation	xsd:string			optional
QName	Type	Fixed	Default	Use							
annotation	xsd:string			optional							
Source	<pre> <xsd:element maxOccurs="unbounded" minOccurs="0" name="extensionWrap"> <xsd:complexType> <xsd:sequence> <xsd:element maxOccurs="1" minOccurs="1" name="extensionElement" type="xsd:string"> <xsd:annotation> <xsd:documentation xml:lang="en">"The descriptor extension provides metadata descriptions crafted into metadata dictionaries and schemas outside of the PBCore Metadata Dictionary Project. These </pre>										

```

communities
with
specialized, custom terminologies."</
xsd:documentation>
</xsd:annotation>
</xsd:element>
<xsd:element maxOccurs="1" minOccurs="1" name="extensionValue" type="xsd:string">
<xsd:annotation>
<xsd:documentation xml:lang="en">"The descriptor
extension"</xsd:documentation>
</xsd:annotation>
</xsd:element>
<xsd:element maxOccurs="1" minOccurs="1" name="extensionAuthorityUsed"
type="xsd:anyURI">
<xsd:annotation>
<xsd:documentation xml:lang="en">"If metadata extensions to PBCore
are assigned to a media item with the descriptor
extension, and
the terms used are derived from a specific authority
or metadata
scheme, use extensionAuthorityUsed to identify whose
metadata
extensions are being used."</xsd:documentation>
</xsd:annotation>
</xsd:element>
</xsd:sequence>
<xsd:attribute name="annotation" type="xsd:string" />
</xsd:complexType>
</xsd:element>

```

Element pbcoreDocumentDescriptionType / pbcoreExtension / extensionWrap / extensionElement

Namespace	http://www.pbcore.org/PBCore/PBCoreNamespace.html						
Annotations	"The descriptor extension provides metadata descriptions crafted into metadata dictionaries and schemas outside of the PBCore Metadata Dictionary Project. These extensions fulfill the metadata requirements for communities identifying and describing their own types of media with specialized, custom terminologies."						
Diagram	<pre> classDiagram class extensionElement { Type xsd:string } xsd:string extensionElement "0..1" -- "1" xsd:string </pre>						
Type	xsd:string						
Properties	<table border="1"> <tr> <td>content:</td> <td>simple</td> </tr> <tr> <td>minOccurs:</td> <td>1</td> </tr> <tr> <td>maxOccurs:</td> <td>1</td> </tr> </table>	content:	simple	minOccurs:	1	maxOccurs:	1
content:	simple						
minOccurs:	1						
maxOccurs:	1						
Source	<pre> <xsd:element maxOccurs="1" minOccurs="1" name="extensionElement" type="xsd:string"> <xsd:annotation> <xsd:documentation xml:lang="en">"The descriptor extension provides metadata descriptions crafted into metadata dictionaries and schemas outside of the PBCore Metadata Dictionary Project. These communities with specialized, custom terminologies."< xsd:documentation> </xsd:annotation> </xsd:element> </pre>						

Element pbcoreDocumentDescriptionType / pbcoreExtension / extensionWrap / extensionValue

Namespace	http://www.pbcore.org/PBCore/PBCoreNamespace.html
Annotations	"The descriptor

	extension"
Diagram	<p>The descriptor extension</p> <p>Built-in primitive type. The string datatype represents character strings in XML.</p>
Type	xsd:string
Properties	content: simple minOccurs: 1 maxOccurs: 1
Source	<pre><xsd:element maxOccurs="1" minOccurs="1" name="extensionValue" type="xsd:string"> <xsd:annotation> <xsd:documentation xml:lang="en">"The descriptor extension"</xsd:documentation> </xsd:annotation> </xsd:element></pre>

Element pbcoreDocumentDescriptionType / pbcoreExtension / extensionWrap / extensionAuthorityUsed

Namespace	http://www.pbcore.org/PBCore/PBCoreNamespace.html
Annotations	"If metadata extensions to PBCore are assigned to a media item with the descriptor extension, and the terms used are derived from a specific authority or metadata scheme, use extensionAuthorityUsed to identify whose metadata extensions are being used."
Diagram	<p>If metadata extensions to PBCore are assigned to a media item with the descriptor extension, and the terms used are...</p> <p>Built-in primitive type. The anyURI datatype represents a Uniform Resource Identifier Reference (URI).</p>
Type	xsd:anyURI
Properties	content: simple minOccurs: 1 maxOccurs: 1
Source	<pre><xsd:element maxOccurs="1" minOccurs="1" name="extensionAuthorityUsed" type="xsd:anyURI"> <xsd:annotation> <xsd:documentation xml:lang="en">"If metadata extensions to PBCore are assigned to a media item with the descriptor extension, and the terms used are derived from a specific authority or metadata scheme, use extensionAuthorityUsed to identify whose metadata extensions are being used."</xsd:documentation> </xsd:annotation> </xsd:element></pre>

Element pbcoreDocumentDescriptionType / pbcoreExtension / extensionEmbedded

Namespace	http://www.pbcore.org/PBCore/PBCoreNamespace.html
Diagram	<p>embeddedType</p> <p>attributes</p> <p>annotation</p> <p>Type xsd:string</p> <p>0..∞ #any</p>
Type	embeddedType
Properties	content: complex minOccurs: 0 maxOccurs: 1

Model	ANY element from ANY namespace				
Attributes	QName	Type	Fixed	Default	Use
	annotation	xsd:string			optional
Source	<xsd:element maxOccurs="1" minOccurs="0" name="extensionEmbedded" type="embeddedType"></xsd:element>				

Complex Types

Complex Type pbcoreDocumentDescriptionType

Namespace	http://www.pbcore.org/PBCore/PBCoreNamespace.html	
Diagram	<pre> classDiagram pbcoreAssetType < -- pbcoreDocumentDescriptionType pbcoreIdentifier pbcoreTitle pbcoreSubject pbcoreDescription pbcoreGenre pbcoreRelation pbcoreCoverage pbcoreAudienceLevel pbcoreAudienceRating pbcoreCreator pbcoreContributor pbcorePublisher pbcoreRightsSummary pbcoreInstantiation pbcorePart pbcoreExtension pbcoreDocumentDescriptionType <--> pbcoreAssetType pbcoreDocumentDescriptionType --> pbcoreIdentifier pbcoreDocumentDescriptionType --> pbcoreTitle pbcoreDocumentDescriptionType --> pbcoreSubject pbcoreDocumentDescriptionType --> pbcoreDescription pbcoreDocumentDescriptionType --> pbcoreGenre pbcoreDocumentDescriptionType --> pbcoreRelation pbcoreDocumentDescriptionType --> pbcoreCoverage pbcoreDocumentDescriptionType --> pbcoreAudienceLevel pbcoreDocumentDescriptionType --> pbcoreAudienceRating pbcoreDocumentDescriptionType --> pbcoreCreator pbcoreDocumentDescriptionType --> pbcoreContributor pbcoreDocumentDescriptionType --> pbcorePublisher pbcoreDocumentDescriptionType --> pbcoreRightsSummary pbcoreDocumentDescriptionType --> pbcoreInstantiation pbcoreDocumentDescriptionType --> pbcorePart pbcoreDocumentDescriptionType --> pbcoreExtension </pre>	
Used by	Element PBCoreCollection/PBCoreDescriptionDocument Complex Type pbcorePartType	
Model	pbcoreAssetType{0,1} , pbcoreIdentifier+ , pbcoreTitle+ , pbcoreSubject* , pbcoreDescription+ , pbcoreGenre* , pbcoreRelation* , pbcoreCoverage* , pbcoreAudienceLevel* , pbcoreAudienceRating* , pbcoreCreator* , pbcoreContributor* , pbcorePublisher* , pbcoreRightsSummary* , pbcoreInstantiation* , pbcorePart* , pbcoreExtension*	
Children	pbcoreAssetType, pbcoreAudienceLevel, pbcoreAudienceRating, pbcoreContributor, pbcoreCoverage, pbcoreCreator, pbcoreDescription, pbcoreExtension, pbcoreGenre, pbcoreIdentifier, pbcoreInstantiation, pbcorePart, pbcorePublisher, pbcoreRelation, pbcoreRightsSummary, pbcoreSubject, pbcoreTitle	
Source	<pre> <xsd:complexType name="pbcoreDocumentDescriptionType"> <xsd:sequence> <xsd:element maxOccurs="1" minOccurs="0" name="pbcoreAssetType"> <xsd:complexType> <xsd:sequence> <!-- the pbcore asset type - this element may occur only once --> <xsd:element maxOccurs="1" minOccurs="1" name="assetType" type="sourceVersionStringType"> <xsd:annotation> <xsd:documentation xml:lang="en">"The descriptor assetKind indicates the broad editorial format of the asset's contents. AssetType describes the </xsd:documentation> </xsd:annotation> </xsd:element> </xsd:sequence> </xsd:complexType> </xsd:element> </xsd:sequence> </xsd:complexType> </pre>	

<p>record may generations, for represent a used to "formatMediaType" would the EBUCore</p> <p>xsd:documentation></p> <p style="padding-left: 20px;"></xsd:annotation></p> <p style="padding-left: 20px;"></xsd:element></p> <p style="padding-left: 20px;"><xsd:element maxOccurs="1" minOccurs="1" name="dateCreated" type="xsd:string"></p> <p style="padding-left: 40px;"><xsd:annotation></p> <p style="padding-left: 60px;"><xsd:documentation xml:lang="en">"This is the orginal date the asset was created."</xsd:documentation></p> <p style="padding-left: 40px;"></xsd:annotation></p> <p style="padding-left: 20px;"></xsd:element></p> <p style="padding-left: 20px;"></xsd:sequence></p> <p style="padding-left: 20px;"></xsd:complexType></p> <p style="padding-left: 20px;"></xsd:element></p> <p style="padding-left: 20px;"><!-- the pbcore identifier - this element may occur as many times as desired, however if it does occur, then a identifier tag must appear</p> <p style="padding-left: 40px;">internally (once). optionally, a identifierSource tag may appear --></p> <p style="padding-left: 20px;"><xsd:element maxOccurs="unbounded" minOccurs="1" name="pbcoreIdentifier"></p> <p style="padding-left: 20px;"><xsd:complexType></p> <p style="padding-left: 20px;"><xsd:sequence></p> <p style="padding-left: 20px;"><xsd:element maxOccurs="1" minOccurs="1" name="identifier" type="xsd:string"></p> <p style="padding-left: 40px;"><xsd:annotation></p> <p style="padding-left: 60px;"><xsd:documentation xml:lang="en">"The descriptor identifier is used to reference or identify the entire record of metadata descriptions for a media item and exists at the top level for a PBCore description and its associated description document (XML). Best practice is to identify the media item (whether analog or digital) by means of an unambiguous string or number corresponding to an established or formal identification system if one exists. Otherwise, use an identification method that is in use within your agency, station, production company, office, or institution."</xsd:documentation></p> <p style="padding-left: 40px;"></xsd:annotation></p> <p style="padding-left: 20px;"></xsd:element></p> <p style="padding-left: 20px;"><xsd:element maxOccurs="1" minOccurs="1" name="identifierSource" type="sourceVersionStringType"></p> <p style="padding-left: 40px;"><xsd:annotation></p> <p style="padding-left: 60px;"><xsd:documentation xml:lang="en">"The descriptor identifierSource is used in combination with the unambiguous reference or identifier for a media item found in the descriptor identifier. Thus PBCore provides not only a locator number, but also an agency or institution who assigned it. Both exist at the top level for a PBCore description and its associated description document (XML).</xsd:documentation></p> <p style="padding-left: 40px;"></xsd:annotation></p> <p style="padding-left: 20px;"></xsd:element></p> <p style="padding-left: 20px;"></xsd:sequence></p> <p style="padding-left: 20px;"></xsd:complexType></p> <p style="padding-left: 20px;"></xsd:element></p> <p style="padding-left: 20px;"><!-- the pbcore title - this element may occur as many times as desired, however if it does occur, then a title tag must appear internally (once). optionally, a titleType tag may appear --></p> <p style="padding-left: 20px;"><xsd:element maxOccurs="unbounded" minOccurs="1" name="pbcoreTitle"></p> <p style="padding-left: 20px;"><xsd:complexType></p> <p style="padding-left: 20px;"><xsd:sequence></p> <p style="padding-left: 20px;"><xsd:element maxOccurs="1" minOccurs="1" name="title" type="xsd:string"></p> <p style="padding-left: 40px;"><xsd:annotation></p> <p style="padding-left: 60px;"><xsd:documentation xml:lang="en">"The descriptor title is a name given to the media item you are cataloging. It is the unique name everyone should</p>	<p>PBCore record as a whole and at its highest level. Though a contain many instantiations of different formats and example, assetType may be used to indicate that they all "program" or a "clip." In FRBR language, assetType would be describe an asset at the "work" level. (Whereas describe the "item" level.) This element is largely based on element ObjectType: http://www.ebu.ch/metadata/cs/ebu_ObjectTypeCodeCS.xml"</</p> <p></xsd:annotation></p> <p></xsd:element></p> <p><xsd:element maxOccurs="1" minOccurs="1" name="dateCreated" type="xsd:string"></p> <p><xsd:annotation></p> <p style="padding-left: 20px;"><xsd:documentation xml:lang="en">"This is the orginal date the asset was created."</xsd:documentation></p> <p></xsd:annotation></p> <p></xsd:element></p> <p></xsd:sequence></p> <p></xsd:complexType></p> <p></xsd:element></p> <p style="padding-left: 20px;"><!-- the pbcore identifier - this element may occur as many times as desired, however if it does occur, then a identifier tag must appear</p> <p style="padding-left: 40px;">internally (once). optionally, a identifierSource tag may appear --></p> <p><xsd:element maxOccurs="unbounded" minOccurs="1" name="pbcoreIdentifier"></p> <p><xsd:complexType></p> <p><xsd:sequence></p> <p><xsd:element maxOccurs="1" minOccurs="1" name="identifier" type="xsd:string"></p> <p><xsd:annotation></p> <p style="padding-left: 20px;"><xsd:documentation xml:lang="en">"The descriptor identifier is used to reference or identify the entire record of metadata descriptions for a media item and exists at the top level for a PBCore description and its associated description document (XML). Best practice is to identify the media item (whether analog or digital) by means of an unambiguous string or number corresponding to an established or formal identification system if one exists. Otherwise, use an identification method that is in use within your agency, station, production company, office, or institution."</xsd:documentation></p> <p></xsd:annotation></p> <p></xsd:element></p> <p><xsd:element maxOccurs="1" minOccurs="1" name="identifierSource" type="sourceVersionStringType"></p> <p><xsd:annotation></p> <p style="padding-left: 20px;"><xsd:documentation xml:lang="en">"The descriptor identifierSource is used in combination with the unambiguous reference or identifier for a media item found in the descriptor identifier. Thus PBCore provides not only a locator number, but also an agency or institution who assigned it. Both exist at the top level for a PBCore description and its associated description document (XML).</xsd:documentation></p> <p></xsd:annotation></p> <p></xsd:element></p> <p></xsd:sequence></p> <p></xsd:complexType></p> <p></xsd:element></p> <p style="padding-left: 20px;"><!-- the pbcore title - this element may occur as many times as desired, however if it does occur, then a title tag must appear internally (once). optionally, a titleType tag may appear --></p> <p><xsd:element maxOccurs="unbounded" minOccurs="1" name="pbcoreTitle"></p> <p><xsd:complexType></p> <p><xsd:sequence></p> <p><xsd:element maxOccurs="1" minOccurs="1" name="title" type="xsd:string"></p> <p><xsd:annotation></p> <p style="padding-left: 20px;"><xsd:documentation xml:lang="en">"The descriptor title is a name given to the media item you are cataloging. It is the unique name everyone should</p>
---	---

are use to refer to or search for a particular media item. There
series obviously many types of titles a media item may have, such as a
descriptor title, episode title, segment title, or project title. Use the
the media titleType to indicate the type of title you are assigning to
item."</xsd:documentation>
</xsd:annotation>
</xsd:element>
<xsd:element maxOccurs="1" minOccurs="0" name="titleType"
type="sourceVersionStringType">
<xsd:annotation>
<xsd:documentation xml:lang="en">"The descriptor titleType is a companion
metadata field associated with the descriptor title. For a
title you give
to a media item, you may wish to inform end users what type of
title it
is (see the picklist of recommended vocabulary
terms)."</xsd:documentation>
<xsd:documentation xml:lang="en">"Picklist at
http://www.pbcore.org/PBCore/picklists/picklist_titleType.html"</xsd:documentation>
</xsd:annotation>
</xsd:element>
</xsd:sequence>
</xsd:complexType>
</xsd:element>
<!-- the pbcore subject - this element may occur as many times as

desired, however if it does occur, then a subject tag must
appear (once). optionally, a subjectAuthorityUsed tag may
appear -->
<xsd:element maxOccurs="unbounded" minOccurs="0" name="pbcoreSubject">
<xsd:complexType>
<xsd:sequence>
<xsd:element maxOccurs="1" minOccurs="0" name="subject"
type="subjectStringType">
<xsd:annotation>
<xsd:documentation xml:lang="en">"The descriptor subject is used to assign
topical headings or keywords that portray the intellectual
content of the
media item you are cataloging. Typically, a subject is
expressed by a
limited number of keywords, key phrases, or even specific
classification
controlled vocabularies, authorities, or formal
classification
schemes may be employed when assigning descriptive subject
terms (rather
than using random or ad hoc terminology)."</xsd:documentation>
<xsd:documentation xml:lang="en">"Use reference at
<http://www.pbcore.org/PBCore/subject.html>"</xsd:documentation>
</xsd:annotation>
</xsd:element>
<xsd:element maxOccurs="1" minOccurs="0" name="subjectAuthorityUsed"
type="sourceVersionStringType">
<xsd:annotation>
<xsd:documentation xml:lang="en">"If subjects are assigned to a media item
using the descriptor subject and the terms used are derived
from a
specific authority or classification scheme, use
subjectAuthorityUsed to
identify whose vocabularies and terms were used."</
xsd:documentation>
</xsd:annotation>
</xsd:element>
</xsd:sequence>
</xsd:complexType>
</xsd:element>
<!-- the pbcore description - this element may occur as many times

as desired, however if it does occur, then a description tag is
required. optionally, the description type may appear - but
it has a limited vocabulary -->
<xsd:element maxOccurs="unbounded" minOccurs="1" name="pbcoreDescription">
<xsd:complexType>
<xsd:sequence>
<xsd:element maxOccurs="1" minOccurs="1" name="description"
type="descriptionStringType">
<xsd:annotation>
<xsd:documentation xml:lang="en">"The metadata element description uses
free-form text or a narrative to report general notes,
abstracts, or

<pre> are giving an brief lists, tables of </pre>	<p style="margin: 0;">summaries about the intellectual content of a media item you cataloguing. The information may be in the form of a paragraph individual program description, anecdotal interpretations, or content reviews. The description may also consist of outlines, bullet points, rundowns, edit decision lists, indexes, or content."</xsd:documentation></p>
	<pre> </xsd:annotation> </xsd:element> <xsd:element maxOccurs="1" minOccurs="0" name="descriptionType" type="sourceVersionStringType"> <xsd:annotation> <xsd:documentation xml:lang="en">"The descriptor descriptionType is a companion metadata field to the element description. The purpose of description and flag the form of presentation for the information."</ xsd:documentation> <xsd:documentation xml:lang="en">"Picklist at http://www.pbcore.org/PBCore/picklists/ picklist_descriptionType.html"</xsd:documentation> </xsd:annotation> </xsd:element> </xsd:sequence> </xsd:complexType> </xsd:element> </pre>
	<pre> <!-- the pbcore genre - this element may occur as many times as desired, however if it does occur, then the genre tag inside is required. that genre tag has a controlled vocabulary. --> <xsd:element maxOccurs="unbounded" minOccurs="0" name="pbcoreGenre"> <xsd:complexType> <xsd:sequence> <xsd:element maxOccurs="1" minOccurs="0" name="genre" type="sourceVersionStringType"> <xsd:annotation> <xsd:documentation xml:lang="en">"The descriptor genre describes the manner in which the intellectual content of a media item is presented, viewed or heard by a user. It indicates the structure of the presentation, as well as the topical nature of the content in a generalized form."</xsd:documentation> <xsd:documentation xml:lang="en">"Picklist at http://www.pbcore.org/PBCore/picklists/picklist_genre.html"</ xsd:documentation> </xsd:annotation> </xsd:element> </xsd:sequence> </xsd:complexType> <xsd:element maxOccurs="1" minOccurs="0" name="genreAuthorityUsed" type="sourceVersionStringType"> <xsd:annotation> <xsd:documentation xml:lang="en">"If genre keywords are assigned to a media item using the descriptor genre and the terms used are derived from a specific authority or classification scheme, use genreAuthorityUsed to identify whose vocabularies and terms were used. PBcore supplies its own picklist of terms, but others may be employed as long as the authority for a picklist is identified."</xsd:documentation> <xsd:documentation xml:lang="en">When genreAuthorityUsed is not used, the default is understood to be PBCore Genre List.</ xsd:documentation> </xsd:annotation> </xsd:element> </xsd:sequence> </xsd:complexType> </xsd:element> </pre>
	<pre> <!-- the pbcore relation - this element may occur as many times as desired. if it does occur, the relationIdentifier must appear, also the relationType must also appear --> <xsd:element maxOccurs="unbounded" minOccurs="0" name="pbcoreRelation"> <xsd:complexType> <xsd:sequence> <xsd:element maxOccurs="1" minOccurs="0" name="relationType" type="sourceVersionStringType"> <xsd:annotation> <xsd:documentation xml:lang="en">"The descriptor relationType identifies the</pre>

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type of intellectual content bond between a media item you are
cataloging
and some other related media item."</xsd:documentation>
<xsd:documentation xml:lang="en">"Picklist at
http://www.pbcore.org/PBCore/picklists/
picklist_relationType.html"</xsd:documentation>
</xsd:annotation>
</xsd:element>
<xsd:element maxOccurs="1" minOccurs="0" name="relationIdentifier"
type="sourceVersionStringType">
<xsd:annotation>
<xsd:documentation xml:lang="en">"Once the type of relationship between two
media items is identified by using the descriptor relationType,
then this
companion descriptor relationIdentifier is used to provide a
name,
locator, accession, identification number or ID where the
related item
can be obtained or found. The cross reference uses a unique
identifier."</xsd:documentation>
</xsd:annotation>
</xsd:element>
</xsd:sequence>
</xsd:complexType>
</xsd:element>
<!-- the pbcore coverage - this element may occur as many times as
desired, and within it a Spatial or a Temporal coverageType -->
<xsd:element maxOccurs="unbounded" minOccurs="0" name="pbcoreCoverage">
<xsd:complexType>
<xsd:sequence>
<xsd:element maxOccurs="1" minOccurs="1" name="coverage" type="xsd:string">
<xsd:annotation>
<xsd:documentation xml:lang="en">"The descriptor coverage uses keywords to
identify a span of space or time that is expressed by the
intellectual
content of a media item. Coverage in intellectual content may
be
expressed spatially by geographic location. Actual place names
may be
used. Numeric coordinates and geo-spatial data are also
allowable, if
useful or supplied. Coverage in intellectual content may also
be
expressed temporally by a date, period, era, or time-based
event. The
PBCore metadata element coverage houses the actual spatial or
temporal
keywords. The companion descriptor coverageType is used to
identify the
type of keywords that are being used."</xsd:documentation>
<xsd:documentation xml:lang="en">"Use reference at
http://www.pbcore.org/PBCore/coverage.html"</xsd:documentation>
</xsd:annotation>
</xsd:element>
<xsd:element maxOccurs="1" minOccurs="1" name="coverageType">
<xsd:complexType>
<xsd:annotation>
<xsd:documentation xml:lang="en">"Whereas the PBCore metadata element
coverage uses keywords and descriptors to identify a span of
space or
time that is expressed by the intellectual content of a
media item,
coverageType is used to identify the actual type of keywords
that are
being used. Coverage in intellectual content may be
expressed
spatially by geographic location. Coverage in intellectual
content may
also be expressed temporally by a date, period, era, or
time-based
event. coverageType provides a picklist of coverage types,
namely
*spatial* or *temporal*."</xsd:documentation>
</xsd:annotation>
<xsd:simpleContent>
<!-- COME BACK TO THIS -->
<xsd:restriction base="sourceVersionStringType">
<xsd:enumeration value="Spatial"/>
<xsd:enumeration value="Temporal"/>
</xsd:restriction>
</xsd:simpleContent>
</xsd:complexType>
</xsd:element>
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</xsd:sequence>
</xsd:complexType>
</xsd:element>
<!-- the pbcore audienceLevel - this may occur as many times as desired
     within the document --&gt;
&lt;xsd:element maxOccurs="unbounded" minOccurs="0" name="pbcoreAudienceLevel"&gt;
    &lt;xsd:complexType&gt;
        &lt;xsd:sequence&gt;
            &lt;xsd:element maxOccurs="1" minOccurs="0" name="audienceLevel"
type="sourceVersionStringType"&gt;
                &lt;xsd:annotation&gt;
                    &lt;xsd:documentation xml:lang="en"&gt;"The descriptor audienceLevel identifies a
                     type of audience, viewer, or listener for whom the media item
you are
                     cataloguing is primarily designed or educationally
                     useful."&lt;/xsd:documentation&gt;
                    &lt;xsd:documentation xml:lang="en"&gt;"Picklist at
                     http://www.pbcore.org/PBCore/picklists/
picklist_audienceLevel.html"&lt;/xsd:documentation&gt;
                &lt;/xsd:annotation&gt;
            &lt;/xsd:element&gt;
        &lt;/xsd:sequence&gt;
    &lt;/xsd:complexType&gt;
&lt;/xsd:element&gt;
<!-- the pbcore audienceRating - this may occur as many times as desired
     within the document --&gt;
&lt;xsd:element maxOccurs="unbounded" minOccurs="0" name="pbcoreAudienceRating"&gt;
    &lt;xsd:complexType&gt;
        &lt;xsd:sequence&gt;
            &lt;xsd:element maxOccurs="1" minOccurs="0" name="audienceRating"
type="sourceVersionStringType"&gt;
                &lt;xsd:annotation&gt;
                    &lt;xsd:documentation xml:lang="en"&gt;"The descriptor audienceRating designates
                     the type of users for whom a media item is intended or judged
appropriate
                     in terms of its intellectual content. Standard ratings have
been crafted
                     by the broadcast television and film industries and are used as
flags for
                     audience or age-appropriate materials."&lt;/xsd:documentation&gt;
                    &lt;xsd:documentation xml:lang="en"&gt;"Picklist at
                     http://www.pbcore.org/PBCore/picklists/
picklist_audienceRating.html"&lt;/xsd:documentation&gt;
                &lt;/xsd:annotation&gt;
            &lt;/xsd:element&gt;
        &lt;/xsd:sequence&gt;
    &lt;/xsd:complexType&gt;
&lt;/xsd:element&gt;
<!-- the pbcore creator - again, may appear as many times as
     necessary, and the creator tag is necessary inside. the
     creatorRole tag is optional. --&gt;
&lt;xsd:element maxOccurs="unbounded" minOccurs="0" name="pbcoreCreator"&gt;
    &lt;xsd:complexType&gt;
        &lt;xsd:sequence&gt;
            &lt;xsd:element maxOccurs="1" minOccurs="1" name="creator"
type="affiliatedStringType"&gt;
                &lt;xsd:annotation&gt;
                    &lt;xsd:documentation xml:lang="en"&gt;"The descriptor creator identifies a person
                     or organization primarily responsible for creating a media
item. The
                     creator may be considered an author and could be one or more
people, a
                     business, organization, group, project or service."&lt;/
xsd:documentation&gt;
                &lt;/xsd:annotation&gt;
            &lt;/xsd:element&gt;
            &lt;xsd:element maxOccurs="unbounded" minOccurs="1" name="creatorRole"
type="sourceVersionStringType"&gt;
                &lt;xsd:annotation&gt;
                    &lt;xsd:documentation xml:lang="en"&gt;"Use the descriptor creatorRole to identify
                     the role played by the person or group identified in the
companion
                     descriptor creator. Unlike print resources, there is usually no
single
                     role, like an author, who has primary responsibility for the
creation of
                     media items such as audio, video, film assets, and their
digital
                     renditions. For these media, creators can fill many different
roles, such
                     as the instructor for a video course, the interviewee from a
video</pre>
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                history program, or the director of a program or film (if they
are
                identified as the primary creator for a media item)."</
xsd:documentation>
                <xsd:documentation xml:lang="en">"Picklist at
http://www.pbcore.org/PBCore/picklists/
picklist_creatorRole.html"</xsd:documentation>
                </xsd:annotation>
                </xsd:element>
                </xsd:sequence>
                </xsd:complexType>
</xsd:element>
<!-- the pbcore contributor - this element may appear as many times
as necessary, but when it does appear, the contributor tag must
appear inside it. the contributor role is optional. --&gt;
&lt;xsd:element maxOccurs="unbounded" minOccurs="0" name="pbcoreContributor"&gt;
                &lt;xsd:complexType&gt;
                &lt;xsd:sequence&gt;
                    &lt;xsd:element maxOccurs="1" minOccurs="1" name="contributor"
type="affiliatedStringType"&gt;
                        &lt;xsd:annotation&gt;
                            &lt;xsd:documentation xml:lang="en"&gt;"The descriptor contributor identifies a
person or organization that has made substantial creative
contributions
                            to the intellectual content within a media item. This
contribution is
                            considered to be secondary to the primary author(s) (person or
organization) identified in the descriptor creator."&lt;/
xsd:documentation&gt;
                        &lt;/xsd:annotation&gt;
                    &lt;/xsd:element&gt;
                    &lt;xsd:element maxOccurs="unbounded" minOccurs="1" name="contributorRole"
type="sourceVersionStringType"&gt;
                        &lt;xsd:annotation&gt;
                            &lt;xsd:documentation xml:lang="en"&gt;"Use the descriptor contributorRole to
identify the role played by the person or group identified in
the
                            companion descriptor contributor."&lt;/xsd:documentation&gt;
                        &lt;xsd:documentation xml:lang="en"&gt;"Picklist at
http://www.pbcore.org/PBCore/picklists/
picklist_contributorRole.html"&lt;/xsd:documentation&gt;
                        &lt;/xsd:annotation&gt;
                    &lt;/xsd:element&gt;
                    &lt;/xsd:sequence&gt;
                    &lt;/xsd:complexType&gt;
&lt;/xsd:element&gt;
<!-- the pbcore publisher - this follows the same guidelines as the
contributor and the creator. this may exist as many times as
we wish, but inside it there must be a publisher tag. a
publisherRole tag is optional. --&gt;
&lt;xsd:element maxOccurs="unbounded" minOccurs="0" name="pbcorePublisher"&gt;
                &lt;xsd:complexType&gt;
                &lt;xsd:sequence&gt;
                    &lt;xsd:element maxOccurs="1" minOccurs="1" name="publisher"
type="affiliatedStringType"&gt;
                        &lt;xsd:annotation&gt;
                            &lt;xsd:documentation xml:lang="en"&gt;"The descriptor publisher identifies a
person or organization primarily responsible for distributing
or making a
                            media item available to others. The publisher may be a person,
a
                            business, organization, group, project or service."&lt;/
xsd:documentation&gt;
                        &lt;/xsd:annotation&gt;
                    &lt;/xsd:element&gt;
                    &lt;xsd:element maxOccurs="unbounded" minOccurs="1" name="publisherRole"
type="sourceVersionStringType"&gt;
                        &lt;xsd:annotation&gt;
                            &lt;xsd:documentation xml:lang="en"&gt;"Use the descriptor publisherRole to
identify the role played by the specific publisher or
publishing entity
                            identified in the companion descriptor publisher."&lt;/
xsd:documentation&gt;
                        &lt;/xsd:annotation&gt;
                    &lt;/xsd:element&gt;
                    &lt;/xsd:sequence&gt;
                    &lt;/xsd:complexType&gt;
&lt;/xsd:element&gt;
<!-- the pbcore rights - this may appear as many times as we want,
but everytime it does appear, the rightsSummary tag must appear
</pre>

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        inside of it -->
<xsd:element name="pbcoreRightsSummary" type="rightsSummaryType" maxOccurs="unbounded"
minOccurs="0">
    <xsd:annotation>
        <xsd:documentation xml:lang="en">"The Rights for all Instantiations or General
                    Rights."</xsd:documentation>
    </xsd:annotation>
</xsd:element>
<!-- the pbcore instantiation - this contains all the details on how
            the asset is actualized -->
<xsd:element maxOccurs="unbounded" minOccurs="0" name="pbcoreInstantiation"
type="instantiationType">
    <xsd:annotation>
        <xsd:documentation xml:lang="en">"Instantiations"</xsd:documentation>
    </xsd:annotation>
</xsd:element>
<xsd:element maxOccurs="unbounded" minOccurs="0" name="pbcorePart"
type="pbcorePartType">
    <xsd:annotation>
        <xsd:documentation/>
    </xsd:annotation>
</xsd:element>
<xsd:element maxOccurs="unbounded" minOccurs="0" name="pbcoreExtension">
    <xsd:annotation>
        <xsd:documentation/>
    </xsd:annotation>
<xsd:complexType>
    <xsd:choice>
        <xsd:element maxOccurs="unbounded" minOccurs="0" name="extensionWrap">
            <xsd:complexType>
                <xsd:sequence>
                    <xsd:element maxOccurs="1" minOccurs="1" name="extensionElement"
type="xsd:string">
                        <xsd:annotation>
                            <xsd:documentation xml:lang="en">"The descriptor extension provides
                                metadata descriptions crafted into metadata
                                dictionaries and
                                schemas outside of the PBCore Metadata Dictionary
                                Project. These
                                extensions fulfill the metadata requirements for
                                communities
                                identifying and describing their own types of media
                                with
                                specialized, custom terminologies."</
                            <xsd:documentation>
                        </xsd:annotation>
                    </xsd:element>
                </xsd:sequence>
            </xsd:complexType>
        </xsd:element>
    </xsd:choice>
</xsd:complexType>
<xsd:element maxOccurs="1" minOccurs="1" name="extensionValue"
type="xsd:string">
    <xsd:annotation>
        <xsd:documentation xml:lang="en">"The descriptor
                    extension"</xsd:documentation>
    </xsd:annotation>
</xsd:element>
<xsd:element maxOccurs="1" minOccurs="1" name="extensionAuthorityUsed"
type="xsd:anyURI">
    <xsd:annotation>
        <xsd:documentation xml:lang="en">"If metadata extensions to PBCore
                    are assigned to a media item with the descriptor
                    extension, and
                    the terms used are derived from a specific authority
                    or metadata
                    scheme, use extensionAuthorityUsed to identify whose
                    metadata
                    extensions are being used."</xsd:documentation>
    </xsd:annotation>
</xsd:element>
</xsd:sequence>
<xsd:attribute name="annotation" type="xsd:string"/>
</xsd:complexType>
</xsd:element>
<xsd:element maxOccurs="1" minOccurs="0" name="extensionEmbedded"
type="embeddedType">
    <xsd:element>
        </xsd:element>
    </xsd:choice>
</xsd:complexType>
</xsd:element>
<!-- For Readability - documentDescription sequence end -->
</xsd:sequence>
<!-- For Readability - documentDescription complexType end -->
</xsd:complexType>

```

Complex Type sourceVersionStringType

Namespace	http://www.pbcore.org/PBCore/PBCoreNamespace.html				
Diagram	<p>The diagram illustrates the definition of the <code>sourceVersionStringType</code>. It shows a box labeled <code>sourceVersionStringType</code> with <code>xsd:string</code> listed as the <code>Base Type</code>. A callout from the <code>xsd:string</code> base type points to a box stating: "Built-in primitive type. The string datatype represents character strings in XML." Another callout from the <code>@ attributes</code> section points to a box labeled <code>sourceVersionGroup</code>.</p>				
Type	extension of <code>xsd:string</code>				
Used by	Elements instantiationType/formatColors, instantiationType/formatDigital, instantiationType/formatGenerations, instantiationType/formatMediaType, instantiationType/formatPhysical, instantiationType/pbcoreEssenceTrack/essenceTrackAspectRatio, instantiationType/pbcoreEssenceTrack/essenceTrackBitDepth, instantiationType/pbcoreEssenceTrack/essenceTrackFrameRate, instantiationType/pbcoreEssenceTrack/essenceTrackFrameSize, instantiationType/pbcoreEssenceTrack/essenceTrackSamplingRate, instantiationType/pbcoreEssenceTrack/essenceTrackStandard, instantiationType/pbcoreFormatID/formatIdentifierSource, pbcoreDocumentDescriptionType/pbcoreAssetType/assetType, pbcoreDocumentDescriptionType/pbcoreAudienceLevel/audienceLevel, pbcoreDocumentDescriptionType/pbcoreAudienceRating/audienceRating, pbcoreDocumentDescriptionType/pbcoreContributor/contributorRole, pbcoreDocumentDescriptionType/pbcoreCoverage/coverageType, pbcoreDocumentDescriptionType/pbcoreCreator/creatorRole, pbcoreDocumentDescriptionType/pbcoreDescription/descriptionType, pbcoreDocumentDescriptionType/pbcoreGenre/genre, pbcoreDocumentDescriptionType/pbcoreGenre/genreAuthorityUsed, pbcoreDocumentDescriptionType/pbcoreIdentifier/identifierSource, pbcoreDocumentDescriptionType/pbcoreIdentifier/identifierSource, pbcoreDocumentDescriptionType/pbcorePublisher/publisherRole, pbcoreDocumentDescriptionType/pbcoreRelation/relationIdentifier, pbcoreDocumentDescriptionType/pbcoreRelation/relationType, pbcoreDocumentDescriptionType/pbcoreSubject/subjectAuthorityUsed, pbcoreDocumentDescriptionType/pbcoreTitle/titleType, rightsSummaryType/rightsSummary				
Attributes	QName	Type	Fixed	Default	Use
	annotation	<code>xsd:string</code>			optional
	source	<code>xsd:string</code>			optional
	version	<code>xsd:string</code>			optional
Source	<pre><xsd:complexType name="sourceVersionStringType"> <xsd:simpleContent> <xsd:extension base="xsd:string"> <xsd:attributeGroup ref="sourceVersionGroup"/> </xsd:extension> </xsd:simpleContent> </xsd:complexType></pre>				

Complex Type subjectStringType

Namespace	http://www.pbcore.org/PBCore/PBCoreNamespace.html				
Diagram	<p>The diagram illustrates the definition of the <code>subjectStringType</code>. It shows a box labeled <code>subjectStringType</code> with <code>xsd:string</code> listed as the <code>Base Type</code>. A callout from the <code>xsd:string</code> base type points to a box stating: "Built-in primitive type. The string datatype represents character strings in XML." Another callout from the <code>@ attributes</code> section points to four separate boxes, each labeled with an attribute name (<code>@subjectType</code>, <code>@source</code>, <code>@version</code>, <code>@annotation</code>) and its type (<code>xsd:string</code>).</p>				

Type	extension of xsd:string				
Used by	Element pbcoreDocumentDescriptionType/pbcoreSubject/subject				
Attributes	QName	Type	Fixed	Default	Use
	annotation	xsd:string			optional
	source	xsd:string			optional
	subjectType	xsd:string			optional
	version	xsd:string			optional
Source	<pre><xsd:complexType name="subjectStringType"> <xsd:simpleContent> <xsd:extension base="xsd:string"> <xsd:attribute name="subjectType" type="xsd:string"/> <xsd:attribute name="source" type="xsd:string"/> <xsd:attribute name="version" type="xsd:string"/> <xsd:attribute name="annotation" type="xsd:string"/> </xsd:extension> </xsd:simpleContent> </xsd:complexType></pre>				

Complex Type descriptionStringType

Namespace	http://www.pbcore.org/PBCore/PBCoreNamespace.html				
Diagram	<p>The diagram illustrates the UML class structure for the descriptionStringType complex type. It shows a class box for 'descriptionStringType' with a note below it stating 'Base Type xsd:string'. A line connects this class to another box for 'xsd:string', which is labeled as a 'Built-in primitive type. The string datatype represents character strings in XML.' Below the 'descriptionStringType' box, there is a list of four attributes: '@ startTime', '@ endTime', '@ segmentType', and '@ annotation', each associated with the type 'xsd:string'.</p>				
Type	extension of xsd:string				
Used by	Element pbcoreDocumentDescriptionType/pbcoreDescription/description				
Attributes	QName	Type	Fixed	Default	Use
	annotation	xsd:string			optional
	endTime	xsd:string			optional
	segmentType	xsd:string			optional
	startTime	xsd:string			optional
Source	<pre><xsd:complexType name="descriptionStringType"> <xsd:simpleContent> <xsd:extension base="xsd:string"> <xsd:attribute name="startTime" type="xsd:string"/> <xsd:attribute name="endTime" type="xsd:string"/> <xsd:attribute name="segmentType" type="xsd:string"/> <xsd:attribute name="annotation" type="xsd:string"/> </xsd:extension> </xsd:simpleContent> </xsd:complexType></pre>				

Complex Type affiliatedStringType

Namespace	http://www.pbcore.org/PBCore/PBCoreNamespace.html
-----------	---

Diagram	<pre> classDiagram affiliatedStringType < -- xsd:string affiliatedStringType < -- attributes attributes < -- affiliation attributes < -- linkedID attributes < -- annotation </pre>																				
Type	extension of xsd:string																				
Used by	Elements pbcoreDocumentDescriptionType/pbcoreContributor/contributor, pbcoreDocumentDescriptionType/pbcoreCreator/creator, pbcoreDocumentDescriptionType/ pbcorePublisher/publisher																				
Attributes	<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th>QName</th><th>Type</th><th>Fixed</th><th>Default</th><th>Use</th></tr> </thead> <tbody> <tr> <td>affiliation</td><td></td><td></td><td></td><td>optional</td></tr> <tr> <td>annotation</td><td></td><td></td><td></td><td>optional</td></tr> <tr> <td>linkedID</td><td></td><td></td><td></td><td>optional</td></tr> </tbody> </table>	QName	Type	Fixed	Default	Use	affiliation				optional	annotation				optional	linkedID				optional
QName	Type	Fixed	Default	Use																	
affiliation				optional																	
annotation				optional																	
linkedID				optional																	
Source	<pre> <xsd:complexType name="affiliatedStringType"> <xsd:simpleContent> <xsd:extension base="xsd:string"> <xsd:attribute name="affiliation"/> <xsd:attribute name="linkedID"/> <xsd:attribute name="annotation"/> </xsd:extension> </xsd:simpleContent> </xsd:complexType> </pre>																				

Complex Type rightsSummaryType

Namespace	http://www.pbcore.org/PBCore/PBCoreNamespace.html
Diagram	<pre> classDiagram rightsSummaryType < -- rightsSummary rightsSummaryType < -- rightsLink rightsSummaryType < -- rightsEmbedded </pre>
Used by	Elements instantiationType/instantiationRights, pbcoreDocumentDescriptionType/ pbcoreRightsSummary
Model	rightsSummary{0,1} rightsLink{0,1} rightsEmbedded{0,1}
Children	rightsEmbedded, rightsLink, rightsSummary
Source	<pre> <xsd:complexType name="rightsSummaryType"> <xsd:choice> <xsd:element maxOccurs="1" minOccurs="0" name="rightsSummary" type="sourceVersionStringType"> <xsd:annotation> <xsd:documentation xml:lang="en">"Use the descriptor rightsSummary as an all- purpose rights held some way. include identified, as needed."</xsd:documentation> </xsd:annotation> </xsd:element> <xsd:element maxOccurs="1" minOccurs="0" name="rightsLink" type="rightsLinkType"> <xsd:annotation> <xsd:documentation xml:lang="en">"A URI pointing to a declaration of rights for a media item."</xsd:documentation> </xsd:annotation> </xsd:element> <xsd:element maxOccurs="1" minOccurs="0" name="rightsEmbedded" type="embeddedType"> <xsd:annotation> <xsd:documentation xml:lang="en">"Use the descriptor rightsSummary as an all- purpose rights held some way. include identified, as needed."</xsd:documentation> </xsd:annotation> </xsd:element> </xsd:choice> </xsd:complexType> </pre>

```

<xsd:documentation>A URI pointing to a declaration of rights</xsd:documentation>
</xsd:annotation>
</xsd:element>
<xsd:element name="rightsEmbedded" type="embeddedType" maxOccurs="1" minOccurs="0"/>
</xsd:choice>
</xsd:complexType>

```

Complex Type rightsLinkType

Namespace	http://www.pbcore.org/PBCore/PBCoreNamespace.html										
Diagram	<p>The diagram illustrates the UML representation of the rightsLinkType complex type. It shows a class named "rightsLinkType" with a dependency arrow pointing to the "xsd:anyURI" class. The "xsd:anyURI" class is annotated with a note: "Built-in primitive type. The anyURI datatype represents a Uniform Resource Identifier Reference (URI)." Below "xsd:anyURI", there is a box labeled "@ attributes" containing an "annotation" element with a "Type" of "xsd:string".</p>										
Type	extension of xsd:anyURI										
Used by	Element rightsSummaryType/rightsLink										
Attributes	<table border="1"> <thead> <tr> <th>QName</th><th>Type</th><th>Fixed</th><th>Default</th><th>Use</th></tr> </thead> <tbody> <tr> <td>annotation</td><td>xsd:string</td><td></td><td></td><td>optional</td></tr> </tbody> </table>	QName	Type	Fixed	Default	Use	annotation	xsd:string			optional
QName	Type	Fixed	Default	Use							
annotation	xsd:string			optional							
Source	<pre> <xsd:complexType name="rightsLinkType"> <xsd:simpleContent> <xsd:extension base="xsd:anyURI"> <xsd:attribute name="annotation" type="xsd:string"/> </xsd:extension> </xsd:simpleContent> </xsd:complexType> </pre>										

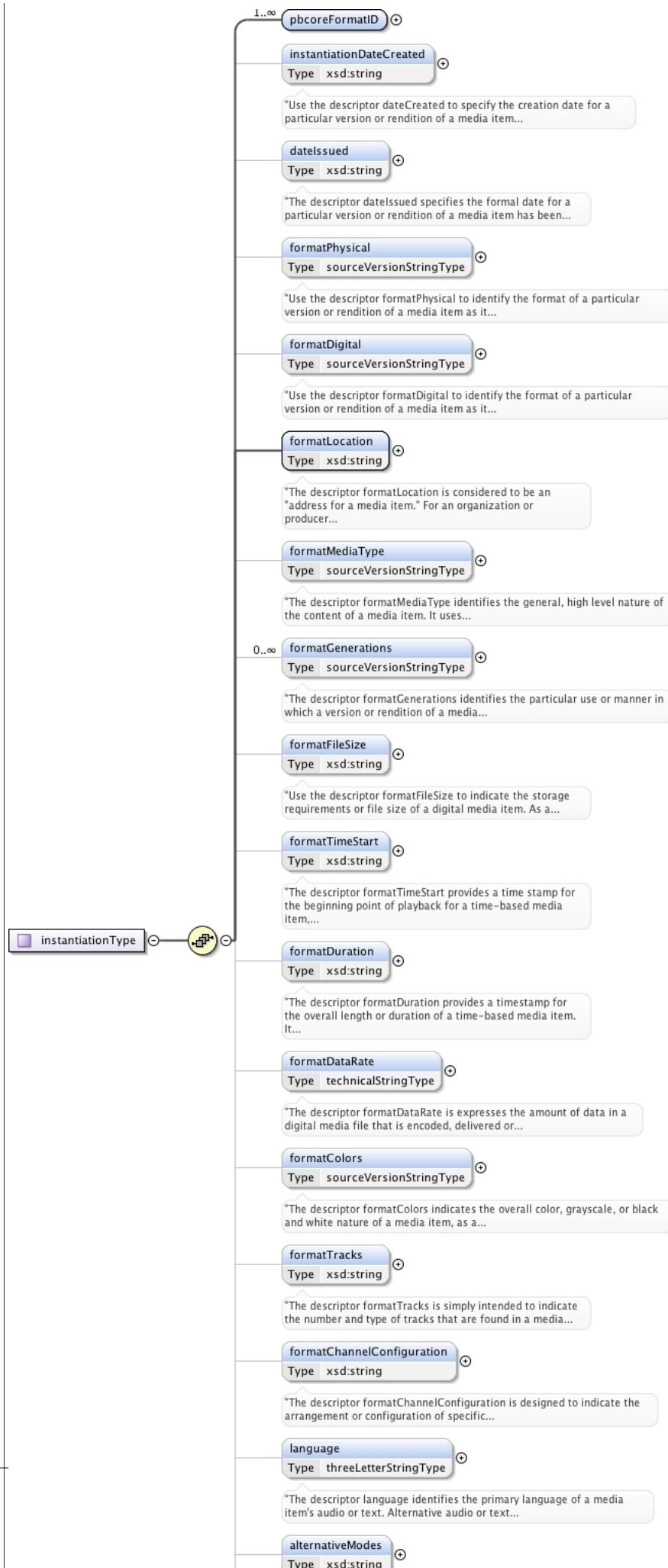
Complex Type embeddedType

Namespace	http://www.pbcore.org/PBCore/PBCoreNamespace.html										
Diagram	<p>The diagram illustrates the UML representation of the embeddedType complex type. It shows a class named "embeddedType" with a dependency arrow pointing to a sequence. The sequence has an "annotation" attribute with a "Type" of "xsd:string". Below the sequence, there is a multiplicity indicator "0..∞" followed by a symbol representing a wildcard or any element.</p>										
Used by	Elements pbcoreDocumentDescriptionType/pbcoreExtension/extensionEmbedded, rightsSummaryType/rightsEmbedded										
Model	ANY element from ANY namespace										
Attributes	<table border="1"> <thead> <tr> <th>QName</th><th>Type</th><th>Fixed</th><th>Default</th><th>Use</th></tr> </thead> <tbody> <tr> <td>annotation</td><td>xsd:string</td><td></td><td></td><td>optional</td></tr> </tbody> </table>	QName	Type	Fixed	Default	Use	annotation	xsd:string			optional
QName	Type	Fixed	Default	Use							
annotation	xsd:string			optional							
Source	<pre> <xsd:complexType name="embeddedType"> <xsd:sequence> <xsd:any namespace="##any" processContents="lax" minOccurs="0" maxOccurs="unbounded"/> </xsd:sequence> <xsd:attribute name="annotation" type="xsd:string"/> </xsd:complexType> </pre>										

Complex Type instantiationType

Namespace	http://www.pbcore.org/PBCore/PBCoreNamespace.html
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Diagram



Used by	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 10%;">Element</td><td>pbcoreDocumentDescriptionType/pbcoreInstantiation</td></tr> <tr> <td>Complex Type</td><td>instantiationPartType</td></tr> </table>	Element	pbcoreDocumentDescriptionType/pbcoreInstantiation	Complex Type	instantiationPartType
Element	pbcoreDocumentDescriptionType/pbcoreInstantiation				
Complex Type	instantiationPartType				
Model	pbcoreFormatID+, instantiationDateCreated{0,1}, dateIssued{0,1}, formatPhysical{0,1}, formatDigital{0,1}, formatLocation, formatMediaType{0,1}, formatGenerations*, formatFileSize{0,1}, formatTimeStart{0,1}, formatDuration{0,1}, formatDataRate{0,1}, formatColors{0,1}, formatTracks{0,1}, formatChannelConfiguration{0,1}, language{0,1}, alternativeModes{0,1}, pbcoreEssenceTrack*, pbcoreDateAvailable*, instantiationRights*, instantiationPart*, pbcoreAnnotation*				
Children	alternativeModes, dateIssued, formatChannelConfiguration, formatColors, formatDataRate, formatDigital, formatDuration, formatFileSize, formatGenerations, formatLocation, formatMediaType, formatPhysical, formatTimeStart, formatTracks, instantiationDateCreated, instantiationPart, instantiationRights, language, pbcoreAnnotation, pbcoreDateAvailable, pbcoreEssenceTrack, pbcoreFormatID				
Source	<pre> <xsd:complexType name="instantiationType"> <xsd:sequence> <!-- the pbcore format identifier --> <xsd:element maxOccurs="unbounded" minOccurs="1" name="pbcoreFormatID"> <xsd:complexType> <xsd:sequence> <xsd:element maxOccurs="1" minOccurs="1" name="formatIdentifier" type="xsd:string"> <xsd:annotation> <xsd:documentation xml:lang="en">"The descriptor formatIdentifier employs an unambiguous reference or identifier for a particular rendition/instantiation of a media item. Best practice is to identify the number if one within exists. Otherwise, use an identification method that is in use your agency, station, production company, office, or institution."</xsd:documentation> </xsd:annotation> </xsd:element> <xsd:element maxOccurs="1" minOccurs="1" name="formatIdentifierSource" type="sourceVersionStringType"> <xsd:annotation> <xsd:documentation xml:lang="en">"The descriptor formatIdentifierSource is used in combination with the unambiguous reference or identifier for a descriptor number, but also indicates an agency or institution who assigned it."</xsd:documentation> </xsd:annotation> </xsd:element> </xsd:sequence> </xsd:complexType> </xsd:element> <!-- pbcore date created --> <xsd:element maxOccurs="1" minOccurs="0" name="instantiationDateCreated" type="xsd:string"> <xsd:annotation> <xsd:documentation xml:lang="en">"Use the descriptor dateCreated to specify the creation date for a particular version or rendition of a media item across its life cycle. It is the moment in time that the media item was finalized during its production process and is forwarded to other divisions or agencies to make it ready for publication or distribution. A specific time may also be associated with the date."</xsd:documentation> </xsd:annotation> </xsd:element> <!-- pbcore date issued --> <xsd:element maxOccurs="1" minOccurs="0" name="dateIssued" type="xsd:string"> <xsd:annotation> <xsd:documentation xml:lang="en">"The descriptor dateIssued specifies the formal date for a particular version or rendition of a media item has been made ready or officially released for distribution, publication or consumption. A specific time may also be associated with the date."</xsd:documentation> </xsd:annotation> </xsd:element> </xsd:sequence> </xsd:complexType> </pre>				

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        </xsd:element>
        <!-- the pbcore formatPhysical -->
        <xsd:element maxOccurs="1" minOccurs="0" name="formatPhysical"
type="sourceVersionStringType">
            <xsd:annotation>
                <xsd:documentation xml:lang="en">"Use the descriptor formatPhysical to identify
the
                    format of a particular version or rendition of a media item as it exists
in an
                    actual physical form that occupies physical space (e.g., a tape on a
shelf),
                    rather than as a digital file residing on a server or hard
drive."</xsd:documentation>
                <xsd:documentation xml:lang="en">"Picklist at
                    http://www.pbcore.org/PBCore/picklists/picklist_formatPhysical.html"</
xsd:documentation>
            </xsd:annotation>
        </xsd:element>
        <!-- the pbcore formatDigital-->
        <xsd:element maxOccurs="1" minOccurs="0" name="formatDigital"
type="sourceVersionStringType">
            <xsd:annotation>
                <xsd:documentation xml:lang="en">"Use the descriptor formatDigital to identify the
                    format of a particular version or rendition of a media item as it exists
in its
                    digital form, i.e., as a digital file on a server or hard drive. Digital
media
                    formats may be expressed with formal Internet MIME types."</
xsd:documentation>
                <xsd:documentation xml:lang="en">"MIME types change often see references at
                    http://www.pbcore.org/PBCore/formatDigital.html"</xsd:documentation>
                <xsd:documentation xml:lang="en">"Picklist may not be up to date at
                    http://www.pbcore.org/PBCore/picklists/picklist_formatDigital.html"</
xsd:documentation>
            </xsd:annotation>
        </xsd:element>
        <!-- the pbcore formatLocation-->
        <xsd:element maxOccurs="1" minOccurs="1" name="formatLocation" type="xsd:string">
            <xsd:annotation>
                <xsd:documentation xml:lang="en">"The descriptor formatLocation is considered to
be
                    an "address for a media item." For an organization or producer acting as
caretaker
                    of a media resource, formatLocation may contain information about a
specific shelf
                    location for an asset, including an organization's name, departmental
name, shelf
                    ID and contact information. The formatLocation for a data file or web
page may
                    include domain, path, filename or html page."</xsd:documentation>
            </xsd:annotation>
        </xsd:element>
        <!-- the pbcore formatmediatype -->
        <xsd:element maxOccurs="1" minOccurs="0" name="formatMediaType"
type="sourceVersionStringType">
            <xsd:annotation>
                <xsd:documentation xml:lang="en">"The descriptor formatMediaType identifies the
                    general, high level nature of the content of a media item. It uses
categories that
                    show how content is presented to an observer, e.g., as a sound or text
or moving
                    image."</xsd:documentation>
            <xsd:documentation xml:lang="en">"Picklist at
                    http://www.pbcore.org/PBCore/picklists/picklist_formatMediaType.html"</
xsd:documentation>
            </xsd:annotation>
        </xsd:element>
        <!-- the pbcore formatgenerations -->
        <xsd:element maxOccurs="unbounded" minOccurs="0" name="formatGenerations"
type="sourceVersionStringType">
            <xsd:annotation>
                <xsd:documentation xml:lang="en">"The descriptor formatGenerations identifies the
                    particular use or manner in which a version or rendition of a media item
is used,
                    e.g., Audio/Narration or Moving image/Backup master."</
xsd:documentation>
            <xsd:documentation xml:lang="en">"Picklist at
                    http://www.pbcore.org/PBCore/picklists/
picklist_formatGenerations.html"</xsd:documentation>
            </xsd:annotation>
        </xsd:element>
        <!-- the pbcore formatfilesize -->
        <xsd:element maxOccurs="1" minOccurs="0" name="formatFileSize" type="xsd:string">

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<xsd:annotation>
    <xsd:documentation xml:lang="en">"Use the descriptor formatFileSize to indicate
the
storage requirements or file size of a digital media item. As a
standard, express
the file size in bytes."</xsd:documentation>
</xsd:annotation>
</xsd:element>
<!-- the pbcore formatTimeStart-->
<xsd:element maxOccurs="1" minOccurs="0" name="formatTimeStart" type="xsd:string">
    <xsd:annotation>
        <xsd:documentation xml:lang="en">"The descriptor formatTimeStart provides a time
stamp for the beginning point of playback for a time-based media item,
such as
digital video or audio. Use in combination with formatDuration to
identify a
sequence or segment of a media item that has a fixed start time and end
time."</xsd:documentation>
    </xsd:annotation>
</xsd:element>
<!-- the pbcore formatDuration-->
<xsd:element maxOccurs="1" minOccurs="0" name="formatDuration" type="xsd:string">
    <xsd:annotation>
        <xsd:documentation xml:lang="en">"The descriptor formatDuration provides a
timestamp
for the overall length or duration of a time-based media item. It
represents the
playback time."</xsd:documentation>
    </xsd:annotation>
</xsd:element>
<!-- the pbcore formatDataRate-->
<xsd:element maxOccurs="1" minOccurs="0" name="formatDataRate"
type="technicalStringType">
    <xsd:annotation>
        <xsd:documentation xml:lang="en">"The descriptor formatDataRate is expresses the
amount of data in a digital media file that is encoded, delivered or
distributed,
for every second of time. Although optimal data rates are often
dependent on the
codec used to compress and encode a digital file, generally speaking, a
larger
data rate translates into a better quality playback experience, for
example 56
kilobits/second vs. 1 megabit/second."</xsd:documentation>
    </xsd:annotation>
</xsd:element>
<!-- the pbcore formatColors -->
<xsd:element maxOccurs="1" minOccurs="0" name="formatColors"
type="sourceVersionStringType">
    <xsd:annotation>
        <xsd:documentation xml:lang="en">"The descriptor formatColors indicates the
overall
color, grayscale, or black and white nature of a media item, as a single
occurrence or combination of occurrences in or throughout the media
item."</xsd:documentation>
    <xsd:documentation xml:lang="en">"Picklist at
http://www.pbcore.org/PBCore/picklists/picklist_formatColors.html"</
xsd:documentation>
    </xsd:annotation>
</xsd:element>
<!-- the pbcore formatTracks-->
<xsd:element maxOccurs="1" minOccurs="0" name="formatTracks" type="xsd:string">
    <xsd:annotation>
        <xsd:documentation xml:lang="en">"The descriptor formatTracks is simply intended
to
indicate the number and type of tracks that are found in a media item,
whether it
is analog or digital. For example, 1 video track, 2 audio tracks, 1 text
track, 1
sprite track, etc. Other configuration information specific to these
identified
tracks should be described using formatChannelConfiguration."</
xsd:documentation>
    </xsd:annotation>
</xsd:element>
<!-- the pbcore formatChannelConfiguration-->
<xsd:element maxOccurs="1" minOccurs="0" name="formatChannelConfiguration"
type="xsd:string">
    <xsd:annotation>
        <xsd:documentation xml:lang="en">"The descriptor formatChannelConfiguration is
designed to indicate the arrangement or configuration of specific
channels or

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            layers of information within a media item's tracks. Examples are 2-track
mono, 8
            track stereo, or video track with alpha channel."</xsd:documentation>
        </xsd:annotation>
    </xsd:element>
<!-- the pbcore language --&gt;
&lt;xsd:element name="language" type="threeLetterStringType" maxOccurs="1" minOccurs="0"&gt;
    &lt;xsd:annotation&gt;
        &lt;xsd:documentation xml:lang="en"&gt;"The descriptor language identifies the primary
            language of a media item's audio or text. Alternative audio or text
tracks and
            their associated languages should be identified using the descriptor
            alternativeModes."&lt;/xsd:documentation&gt;
        &lt;xsd:documentation xml:lang="en"&gt;"Use reference at
            http://www.pbcore.org/PBCore/language.html"&lt;/xsd:documentation&gt;
    &lt;/xsd:annotation&gt;
&lt;/xsd:element&gt;
<!-- the pbcore alternative modes --&gt;
&lt;xsd:element maxOccurs="1" minOccurs="0" name="alternativeModes" type="xsd:string"&gt;
    &lt;xsd:annotation&gt;
        &lt;xsd:documentation xml:lang="en"&gt;"The descriptor alternativeModes is a catch-all
            metadata element that identifies equivalent alternatives to the primary
visual,
            sound or textual information that exists in a media item. These are
modes that
            offer alternative ways to see, hear, and read the content of a media
item.
            Examples include DVI (Descriptive Video Information), SAP (Supplementary
Audio
Program), ClosedCaptions, OpenCaptions, Subtitles, Language Dubs, and
Transcripts.
            For each instance of available alternativeModes, the mode and its
associated
            language should be identified together, if applicable. Examples include
'SAP in
            English,' 'SAP in Spanish,' 'Subtitle in French,' 'OpenCaption in
Arabic.'"&lt;/xsd:documentation&gt;
    &lt;/xsd:annotation&gt;
&lt;/xsd:element&gt;
<!-- the pbcore essence tracks --&gt;
&lt;xsd:element maxOccurs="unbounded" minOccurs="0" name="pbcoreEssenceTrack"&gt;
    &lt;xsd:complexType&gt;
        &lt;xsd:sequence&gt;
            &lt;!-- the pbcore essence tracks --&gt;
            &lt;xsd:element maxOccurs="1" minOccurs="0" name="essenceTrackType"
type="xsd:string"&gt;
                &lt;xsd:annotation&gt;
                    &lt;xsd:documentation xml:lang="en"&gt;"&lt;/xsd:documentation&gt;
                &lt;/xsd:annotation&gt;
            &lt;/xsd:element&gt;
            &lt;!-- the pbcore essence track identifier --&gt;
            &lt;xsd:element maxOccurs="1" minOccurs="0" name="essenceTrackIdentifier"
type="xsd:string"&gt;
                &lt;xsd:annotation&gt;
                    &lt;xsd:documentation xml:lang="en"&gt;"&lt;/xsd:documentation&gt;
                &lt;/xsd:annotation&gt;
            &lt;/xsd:element&gt;
            &lt;!-- the pbcore essence track identifier source --&gt;
            &lt;xsd:element maxOccurs="1" minOccurs="0" name="essenceTrackIdentifierSource"
type="xsd:string"&gt;
                &lt;xsd:annotation&gt;
                    &lt;xsd:documentation xml:lang="en"&gt;"&lt;/xsd:documentation&gt;
                &lt;/xsd:annotation&gt;
            &lt;/xsd:element&gt;
            &lt;!-- the pbcore format standard --&gt;
            &lt;xsd:element maxOccurs="1" minOccurs="0" name="essenceTrackStandard"
type="sourceVersionStringType"&gt;
                &lt;xsd:annotation&gt;
                    &lt;xsd:documentation xml:lang="en"&gt;"Use the descriptor essenceTrackStandard to
                        identify a larger technical system/standard or overarching
media
                        architecture under which various media formats exist, e.g.,
NTSC is a
                        system/standard under which many video formats
                        exist."&lt;/xsd:documentation&gt;
                &lt;/xsd:annotation&gt;
            &lt;/xsd:element&gt;
            &lt;!-- the pbcore essence track encoding --&gt;
            &lt;xsd:element maxOccurs="1" minOccurs="0" name="essenceTrackEncoding"
type="xsd:string"&gt;
                &lt;xsd:annotation&gt;
                    &lt;xsd:documentation xml:lang="en"&gt;"The descriptor essenceEncoding identifies
</pre>

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<p>interpreted, or used is achieve indices to of the pipeline</p> <p>optimal data encode a into a second vs. 1</p> <p>a media combination</p> <p>media item.</p> <p>"How Much"</p> <p>converted. Bit viewing or greater</p> <p>is sampled sampling</p>	<p>how the actual information in a media item is compressed, formulated using a particular scheme. Identifying the encoding beneficial for a number of reasons, including as a way to reversible compression; for the construction of document facilitate searching and access; or for efficient distribution information across data networks with differing bandwidths or capacities."</xsd:documentation></p> <p></xsd:annotation></p> <p></xsd:element></p> <p><!-- the pbcore essence track data rate--></p> <p><xsd:element maxOccurs="1" minOccurs="0" name="essenceTrackDataRate" type="technicalStringType"></p> <p><xsd:annotation></p> <p><xsd:documentation xml:lang="en">"The descriptor essenceTrackDataRate is expresses the amount of data in a digital media file that is encoded, delivered or distributed, for every second of time. Although rates are often dependent on the codec used to compress and digital file, generally speaking, a larger data rate translates better quality playback experience, for example 56 kilobits/second vs. 1 megabit/second."</xsd:documentation></p> <p></xsd:annotation></p> <p></xsd:element></p> <p><!-- the pbcore essence time start--></p> <p><xsd:element maxOccurs="1" minOccurs="0" name="essenceTrackTimeStart" type="xsd:string"></p> <p><xsd:annotation></p> <p><xsd:documentation xml:lang="en">"The descriptor essenceTrackTimeStart provides a time stamp for the beginning point of playback for a time-based media item, such as digital video or audio. Use in combination with essenceTrackDuration to identify a sequence or segment of a media item that has a fixed start time and end time."</xsd:documentation></p> <p></xsd:annotation></p> <p></xsd:element></p> <p><!-- the pbcore essence track duration--></p> <p><xsd:element maxOccurs="1" minOccurs="0" name="essenceTrackDuration" type="xsd:string"></p> <p><xsd:annotation></p> <p><xsd:documentation xml:lang="en">"The descriptor formatDuration provides a timestamp for the overall length or duration of a time-based media item.</p> <p>It represents the playback time."</xsd:documentation></p> <p></xsd:annotation></p> <p></xsd:element></p> <p><!-- the pbcore essence track bit depth --></p> <p><xsd:element maxOccurs="1" minOccurs="0" name="essenceTrackBitDepth" type="sourceVersionStringType"></p> <p><xsd:annotation></p> <p><xsd:documentation xml:lang="en">"For a media item (specifically, audio, video, or image), the descriptor essenceTrackBitDepth measures data is sampled when information is digitized, encoded, or converted. Bit depth is measured in bits and is an indicator of the perceived playback quality of a media item (the higher the bit depth, the greater the fidelity)."</xsd:documentation></p> <p></xsd:annotation></p> <p></xsd:element></p> <p><!-- the pbcore essence track sampling rate --></p> <p><xsd:element maxOccurs="1" minOccurs="0" name="essenceTrackSamplingRate" type="sourceVersionStringType"></p> <p><xsd:annotation></p> <p><xsd:documentation xml:lang="en">"For a media item (specifically audio), the descriptor essenceTrackSamplingRate measures "How Often " data is sampled when information is digitized. For a digital audio signal, the sampling</p>
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<p>perceived rate, the</p> <p>digital number of and</p> <p>Alternative identified</p> <p>annotation that may</p> <p>version or</p>	<p>rate is measured in kiloHertz and is an indicator of the playback quality of the media item (the higher the sampling greater the fidelity)." /></p> <p></xsd:annotation></p> <p></xsd:element></p> <p><!-- the pbcore essence track frame size --></p> <p><xsd:element maxOccurs="1" minOccurs="0" name="essenceTrackFrameSize" type="sourceVersionStringType"></p> <p><xsd:annotation></p> <p><xsd:documentation xml:lang="en">"The descriptor essenceTrackFrameSize indicates the horizontal and vertical resolution of a format type. It may be expressed in pixels, pixels per inch, or in the case of ATSC TV, a combination of pixels measured horizontally vs. the pixels of image/resolution data stacked vertically (interlaced and progressive scan)." /></p> <p></xsd:annotation></p> <p></xsd:element></p> <p><!-- the pbcore essence aspect ratio --></p> <p><xsd:element maxOccurs="1" minOccurs="0" name="essenceTrackAspectRatio" type="sourceVersionStringType"></p> <p><xsd:annotation></p> <p><xsd:documentation xml:lang="en">"The descriptor essenceTrackAspectRatio indicates the ratio of horizontal to vertical proportions in the display of an static image or moving image." /></p> <p></xsd:annotation></p> <p></xsd:element></p> <p><!-- the pbcore essence frame rate --></p> <p><xsd:element maxOccurs="1" minOccurs="0" name="essenceTrackFrameRate" type="sourceVersionStringType"></p> <p><xsd:annotation></p> <p><xsd:documentation xml:lang="en">"The descriptor essenceTrackFrameRate indicates the frames per second found in a video, motion sequence, flash file, or animation's playback or display." /></p> <p></xsd:annotation></p> <p></xsd:element></p> <p><!-- the pbcore essence track language --></p> <p><xsd:element maxOccurs="1" minOccurs="0" name="essenceTrackLanguage" type="threeLetterStringType"></p> <p><xsd:annotation></p> <p><xsd:documentation xml:lang="en">"The descriptor essenceTrackLanguage identifies the primary language of the tracks audio or text.</p> <p>audio or text tracks and their associated languages should be using the descriptor alternativeModes." /></p> <p></xsd:annotation></p> <p></xsd:element></p> <p><!-- the pbcore essence track annotation --></p> <p><xsd:element maxOccurs="1" minOccurs="0" name="essenceTrackAnnotation" type="xsd:string"></p> <p><xsd:annotation></p> <p><xsd:documentation xml:lang="en">"The descriptor essenceTrackAnnotation is a stand-alone PBCore element where you can catalog any supplementary information about a track or the metadata used to describe it.</p> <p>clarifies element values, terms, descriptors, and vocabularies that may not be otherwise sufficiently understood." /></p> <p></xsd:annotation></p> <p></xsd:element></p> <p></xsd:sequence></p> <p></xsd:complexType></p> <p></xsd:element></p> <p><!-- the pbcore dateAvailable --></p> <p><xsd:element maxOccurs="unbounded" minOccurs="0" name="pbcoreDateAvailable"></p> <p><xsd:complexType></p> <p><xsd:sequence></p> <p><xsd:element maxOccurs="1" minOccurs="0" name="dateAvailableStart" type="xsd:string"></p> <p><xsd:annotation></p> <p><xsd:documentation xml:lang="en">"The descriptor dateAvailableStart specifies a specific start date for the availability of a version or rendition of a media item. It may refer to start dates for the</p>
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regionally, availability of a program that is broadcast locally,
specific nationally or internationally, or for web-based distribution. A
time may also be associated with the date."</xsd:documentation>
</xsd:annotation>
</xsd:element>
<xsd:element maxOccurs="1" minOccurs="0" name="dateAvailableEnd"
type="xsd:string">
<xsd:annotation>
<xsd:documentation xml:lang="en">"The descriptor dateAvailableEnd specifies
a specific end date for the availability of a version or
rendition of a media item. It may refer to end dates for the availability of a
program that is broadcast locally, regionally, nationally or
internationally, or for web-based distribution. A specific time may also be
associated with the date."</xsd:documentation>
</xsd:annotation>
</xsd:element>
</xsd:sequence>
</xsd:complexType>
</xsd:element>
<!-- Instantiation Rights -->
<xsd:element name="instantiationRights" type="rightsSummaryType" maxOccurs="unbounded"
minOccurs="0">
<xsd:annotation>
<xsd:documentation xml:lang="en">"The Rights for this particular instantiation."</
xsd:documentation>
</xsd:annotation>
</xsd:element>
<!-- the pbcore annotation -->
<xsd:element name="instantiationPart" type="instantiationPartType"
maxOccurs="unbounded" minOccurs="0"/>
<xsd:element maxOccurs="unbounded" minOccurs="0" name="pbcoreAnnotation">
<xsd:complexType>
<xsd:sequence>
<xsd:element maxOccurs="1" minOccurs="0" name="annotation" type="xsd:string">
<xsd:annotation>
<xsd:documentation xml:lang="en">"The descriptor annotation is a stand-alone
PBCore element where you can catalog any supplementary
information about a media item or the metadata used to describe it. annotation
clarifies element values, terms, descriptors, and vocabularies that may
not be otherwise sufficiently understood."</xsd:documentation>
</xsd:annotation>
</xsd:element>
</xsd:sequence>
</xsd:complexType>
</xsd:element>
<!-- For Readability - Instantiation sequence end -->
</xsd:sequence>
<!-- For Readability - Instantiation complexType end -->
</xsd:complexType>

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Complex Type technicalStringType

Namespace	http://www.pbcore.org/PBCore/PBCoreNamespace.html
Diagram	<pre> classDiagram class technicalStringType { <<Base Type xsd:string>> } class xsdstring { <<Built-in primitive type. The string datatype represents character strings in XML.>> } technicalStringType < -- xsdstring xsdstring @annotation xsdstring @unitsOfMeasure </pre>
Type	extension of xsd:string
Used by	Elements instantiationType/formatDataRate, instantiationType/pbcoreEssenceTrack/essenceTrackDataRate

Attributes	QName	Type	Fixed	Default	Use
	annotation				optional
	unitsOfMeasure				optional
Source	<pre><xsd:complexType name="technicalStringType"> <xsd:simpleContent> <xsd:extension base="xsd:string"> <xsd:attribute name="unitsOfMeasure"/> <xsd:attribute name="annotation"/> </xsd:extension> </xsd:simpleContent> </xsd:complexType></pre>				

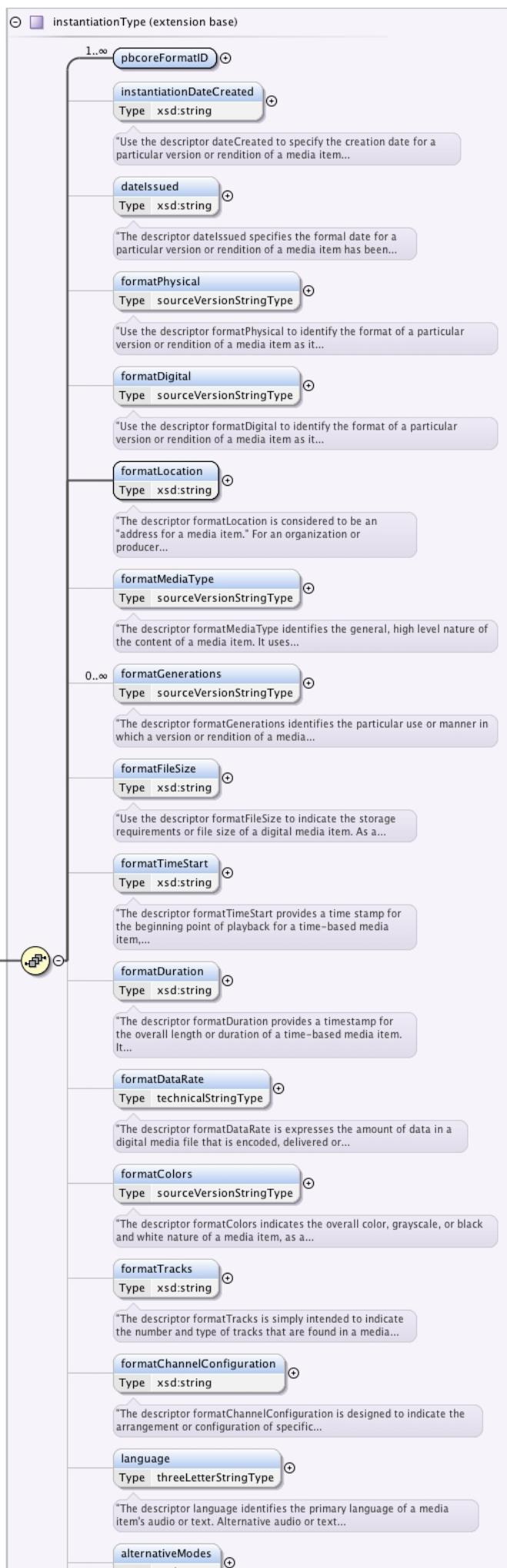
Complex Type threeLetterStringType

Namespace	http://www.pbcore.org/PBCore/PBCoreNamespace.html				
Diagram	<pre> classDiagram class threeLetterStringType { <<Base Type threeLetterCode>> } class threeLetterCode { <<@ attributes>> <<sourceVersionGroup>> } threeLetterStringType < -- threeLetterCode </pre>				
Type	extension of threeLetterCode				
Type hierarchy	<ul style="list-style-type: none"> • xsd:string • threeLetterCode • threeLetterStringType 				
Used by	Elements instantiationType/language, instantiationType/pbcoreEssenceTrack/essenceTrackLanguage				
Attributes	QName	Type	Fixed	Default	Use
	annotation	xsd:string			optional
	source	xsd:string			optional
	version	xsd:string			optional
Source	<pre><xsd:complexType name="threeLetterStringType"> <xsd:simpleContent> <xsd:extension base="threeLetterCode"> <xsd:attributeGroup ref="sourceVersionGroup"/> </xsd:extension> </xsd:simpleContent> </xsd:complexType></pre>				

Complex Type instantiationPartType

Namespace	http://www.pbcore.org/PBCore/PBCoreNamespace.html
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Diagram



Type	extension of instantiationType																																		
Type hierarchy	<ul style="list-style-type: none"> • instantiationType <ul style="list-style-type: none"> • instantiationPartType 																																		
Used by	Element instantiationType/instantiationPart																																		
Model	pbcoreFormatID+ , instantiationDateCreated{0,1} , dateIssued{0,1} , formatPhysical{0,1} , formatDigital{0,1} , formatLocation , formatMediaType{0,1} , formatGenerations* , formatFileSize{0,1} , formatTimeStart{0,1} , formatDuration{0,1} , formatDataRate{0,1} , formatColors{0,1} , formatTracks{0,1} , formatChannelConfiguration{0,1} , language{0,1} , alternativeModes{0,1} , pbcoreEssenceTrack* , pbcoreDateAvailable* , instantiationRights* , instantiationPart* , pbcoreAnnotation*																																		
Children	alternativeModes, dateIssued, formatChannelConfiguration, formatColors, formatDataRate, formatDigital, formatDuration, formatFileSize, formatGenerations, formatLocation, formatMediaType, formatPhysical, formatTimeStart, formatTracks, instantiationDateCreated, instantiationPart, instantiationRights, language, pbcoreAnnotation, pbcoreDateAvailable, pbcoreEssenceTrack, pbcoreFormatID																																		
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Source	<pre style="font-family: monospace; font-size: 0.8em; padding: 2px;"><xsd:complexType name="instantiationPartType"> <xsd:complexContent> <xsd:extension base="instantiationType"> <xsd:attributeGroup ref="relationGroup"/> </xsd:extension> </xsd:complexContent> </xsd:complexType></pre>																																		

Complex Type pbcorePartType

Namespace	http://www.pbcore.org/PBCore/PBCoreNamespace.html
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Diagram	<pre> classDiagram pbcoreDocumentDescriptionType < -- pbcorePartType pbcorePartType { annotation : xsd:string relationID : xsd:string relationType : xsd:string } pbcoreDocumentDescriptionType { pbcoreAssetType pbcoreIdentifier pbcoreTitle pbcoreSubject pbcoreDescription pbcoreGenre pbcoreRelation pbcoreCoverage pbcoreAudienceLevel pbcoreAudienceRating pbcoreCreator pbcoreContributor pbcorePublisher pbcoreRightsSummary pbcoreInstantiation pbcorePart pbcoreExtension } pbcoreRightsSummary { Type rightsSummaryType "The Rights for all Instantiations or General Rights." } pbcoreInstantiation { Type instantiationType "Instantiations" } pbcorePart { Type pbcorePartType } pbcoreExtension </pre>																														
Type	extension of pbcoreDocumentDescriptionType																														
Type hierarchy	<ul style="list-style-type: none"> • pbcoreDocumentDescriptionType <ul style="list-style-type: none"> • pbcorePartType 																														
Used by	Element pbcoreDocumentDescriptionType/pbcorePart																														
Model	pbcoreAssetType{0,1} , pbcoreIdentifier+ , pbcoreTitle+ , pbcoreSubject* , pbcoreDescription+ , pbcoreGenre* , pbcoreRelation* , pbcoreCoverage* , pbcoreAudienceLevel* , pbcoreAudienceRating* , pbcoreCreator* , pbcoreContributor* , pbcorePublisher* , pbcoreRightsSummary* , pbcoreInstantiation* , pbcorePart* , pbcoreExtension*																														
Children	pbcoreAssetType, pbcoreAudienceLevel, pbcoreAudienceRating, pbcoreContributor, pbcoreCoverage, pbcoreCreator, pbcoreDescription, pbcoreExtension, pbcoreGenre, pbcoreIdentifier, pbcoreInstantiation, pbcorePart, pbcorePublisher, pbcoreRelation, pbcoreRightsSummary, pbcoreSubject, pbcoreTitle																														
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Source	<pre> <xsd:complexType name="pbcorePartType"> <xsd:complexContent> <xsd:extension base="pbcoreDocumentDescriptionType"> <xsd:attributeGroup ref="relationGroup"/> </xsd:extension> </xsd:complexContent> </xsd:complexType> </pre>																														

```
    </xsd:complexContent>
</xsd:complexType>
```

Simple Types

Simple Type threeLetterCode

Namespace	http://www.pbcore.org/PBCore/PBCoreNamespace.html	
Diagram		
Type	restriction of xsd:string	
Facets	pattern $([a-z]\{3\}(([a-z]\{3\})?)^*)?$	
Used by	Complex Type threeLetterStringType	
Source	<pre><xsd:simpleType name="threeLetterCode"> <xsd:restriction base="xsd:string"> <xsd:pattern value="([a-z]\{3\}(([a-z]\{3\})?)?)" /> <!-- allows for null --> </xsd:restriction> </xsd:simpleType></pre>	

Attributes

Attribute @schemaVersion

Namespace	http://www.pbcore.org/PBCore/PBCoreNamespace.html	
Type	xsd:string	
Properties	content: simple	
Source	<xsd:attribute name="schemaVersion" type="xsd:string" />	

Attribute Groups

Attribute Group sourceVersionGroup

Namespace	http://www.pbcore.org/PBCore/PBCoreNamespace.html																					
Diagram																						
Used by	Complex Types sourceVersionStringType, threeLetterStringType																					
Attributes	<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th>QName</th> <th>Type</th> <th>Fixed</th> <th>Default</th> <th>Use</th> </tr> </thead> <tbody> <tr> <td>annotation</td> <td>xsd:string</td> <td></td> <td></td> <td>optional</td> </tr> <tr> <td>source</td> <td>xsd:string</td> <td></td> <td></td> <td>optional</td> </tr> <tr> <td>version</td> <td>xsd:string</td> <td></td> <td></td> <td>optional</td> </tr> </tbody> </table>		QName	Type	Fixed	Default	Use	annotation	xsd:string			optional	source	xsd:string			optional	version	xsd:string			optional
QName	Type	Fixed	Default	Use																		
annotation	xsd:string			optional																		
source	xsd:string			optional																		
version	xsd:string			optional																		
Source	<pre><xsd:attributeGroup name="sourceVersionGroup"> <xsd:attribute name="source" type="xsd:string" /> <xsd:attribute name="version" type="xsd:string" /> <xsd:attribute name="annotation" type="xsd:string" /> </xsd:attributeGroup></pre>																					

Attribute Group relationGroup

Namespace	http://www.pbcore.org/PBCore/PBCoreNamespace.html
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Diagram	<pre> classDiagram class relationGroup { @ relationType @ relationID @ annotation } relationGroup < -- instantiationPartType relationGroup < -- pbcorePartType </pre>																														
Used by	Complex Types instantiationPartType, pbcorePartType																														
Attributes	<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left; padding-bottom: 2px;">QName</th><th style="text-align: left; padding-bottom: 2px;">Type</th><th style="text-align: left; padding-bottom: 2px;">Fixed</th><th style="text-align: left; padding-bottom: 2px;">Default</th><th style="text-align: left; padding-bottom: 2px;">Use</th></tr> </thead> <tbody> <tr> <td style="padding-top: 2px;">annotation</td><td style="padding-top: 2px;">xsd:string</td><td style="padding-top: 2px;"></td><td style="padding-top: 2px;"></td><td style="padding-top: 2px;">optional</td></tr> <tr> <td style="padding-top: 2px;">relationID</td><td style="padding-top: 2px;">xsd:string</td><td style="padding-top: 2px;"></td><td style="padding-top: 2px;"></td><td style="padding-top: 2px;">optional</td></tr> <tr> <td colspan="5" style="text-align: center; padding-top: 2px;">This part is then referenced to another part."</td></tr> <tr> <td style="padding-top: 2px;">relationType</td><td style="padding-top: 2px;">xsd:string</td><td style="padding-top: 2px;"></td><td style="padding-top: 2px;"></td><td style="padding-top: 2px;">optional</td></tr> <tr> <td colspan="5" style="text-align: center; padding-top: 2px;">"This attribute relate this part to another. It could be a episode in a series or a program segment recorded on many tapes."</td></tr> </tbody> </table>	QName	Type	Fixed	Default	Use	annotation	xsd:string			optional	relationID	xsd:string			optional	This part is then referenced to another part."					relationType	xsd:string			optional	"This attribute relate this part to another. It could be a episode in a series or a program segment recorded on many tapes."				
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"This attribute relate this part to another. It could be a episode in a series or a program segment recorded on many tapes."																															
Source	<pre> <xsd:attributeGroup name="relationGroup"> <xsd:attribute name="relationType" type="xsd:string"> <xsd:annotation> <xsd:documentation>This attribute relate this part to another. It could be a episode in a series or a program segment recorded on many tapes.</xsd:documentation> </xsd:annotation> </xsd:attribute> <xsd:attribute name="relationID" type="xsd:string"> <xsd:annotation> <xsd:documentation>This part is then referenced to another part.</xsd:documentation> </xsd:annotation> </xsd:attribute> <xsd:attribute name="annotation" type="xsd:string" /> </xsd:attributeGroup> </pre>																														

Namespace: ""

Attributes

Attribute sourceVersionGroup / @source

Namespace	No namespace
Type	xsd:string
Properties	content: simple
Used by	Attribute Group sourceVersionGroup
Source	<xsd:attribute name="source" type="xsd:string" />

Attribute sourceVersionGroup / @version

Namespace	No namespace
Type	xsd:string
Properties	content: simple
Used by	Attribute Group sourceVersionGroup
Source	<xsd:attribute name="version" type="xsd:string" />

Attribute sourceVersionGroup / @annotation

Namespace	No namespace
Type	xsd:string

Properties	content: simple
Used by	Attribute Group sourceVersionGroup
Source	<xsd:attribute name="annotation" type="xsd:string"/>

Attribute subjectStringType / @subjectType

Namespace	No namespace
Type	xsd:string
Properties	content: simple
Used by	Complex Type subjectStringType
Source	<xsd:attribute name="subjectType" type="xsd:string"/>

Attribute subjectStringType / @source

Namespace	No namespace
Type	xsd:string
Properties	content: simple
Used by	Complex Type subjectStringType
Source	<xsd:attribute name="source" type="xsd:string"/>

Attribute subjectStringType / @version

Namespace	No namespace
Type	xsd:string
Properties	content: simple
Used by	Complex Type subjectStringType
Source	<xsd:attribute name="version" type="xsd:string"/>

Attribute subjectStringType / @annotation

Namespace	No namespace
Type	xsd:string
Properties	content: simple
Used by	Complex Type subjectStringType
Source	<xsd:attribute name="annotation" type="xsd:string"/>

Attribute descriptionStringType / @startTime

Namespace	No namespace
Type	xsd:string
Properties	content: simple
Used by	Complex Type descriptionStringType
Source	<xsd:attribute name="startTime" type="xsd:string"/>

Attribute descriptionStringType / @endTime

Namespace	No namespace
Type	xsd:string
Properties	content: simple
Used by	Complex Type descriptionStringType
Source	<xsd:attribute name="endTime" type="xsd:string"/>

Attribute descriptionStringType / @segmentType

Namespace	No namespace
Type	xsd:string
Properties	content: simple
Used by	Complex Type descriptionStringType
Source	<xsd:attribute name="segmentType" type="xsd:string"/>

Attribute descriptionStringType / @annotation

Namespace	No namespace
Type	xsd:string
Properties	content: simple
Used by	Complex Type descriptionStringType
Source	<xsd:attribute name="annotation" type="xsd:string"/>

Attribute affiliatedStringType / @affiliation

Namespace	No namespace
Used by	Complex Type affiliatedStringType
Source	<xsd:attribute name="affiliation"/>

Attribute affiliatedStringType / @linkedID

Namespace	No namespace
Used by	Complex Type affiliatedStringType
Source	<xsd:attribute name="linkedID"/>

Attribute affiliatedStringType / @annotation

Namespace	No namespace
Used by	Complex Type affiliatedStringType
Source	<xsd:attribute name="annotation"/>

Attribute rightsLinkType / @annotation

Namespace	No namespace
Type	xsd:string
Properties	content: simple
Used by	Complex Type rightsLinkType
Source	<xsd:attribute name="annotation" type="xsd:string"/>

Attribute embeddedType / @annotation

Namespace	No namespace
Type	xsd:string
Properties	content: simple
Used by	Complex Type embeddedType
Source	<xsd:attribute name="annotation" type="xsd:string"/>

Attribute technicalStringType / @unitsOfMeasure

Namespace	No namespace
Used by	Complex Type technicalStringType

Source	<code><xsd:attribute name="unitsOfMeasure"/></code>
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Attribute technicalStringType / @annotation

Namespace	No namespace
Used by	Complex Type technicalStringType
Source	<code><xsd:attribute name="annotation"/></code>

Attribute relationGroup / @relationType

Namespace	No namespace
Annotations	"This attribute relate this part to another. It could be a episode in a series or a program segment recorded on many tapes."
Type	xsd:string
Properties	content: simple
Used by	Attribute Group relationGroup
Source	<code><xsd:attribute name="relationType" type="xsd:string"> <xsd:annotation> <xsd:documentation>This attribute relate this part to another. It could be a episode in a series or a program segment recorded on many tapes.</xsd:documentation> </xsd:annotation> </xsd:attribute></code>

Attribute relationGroup / @relationID

Namespace	No namespace
Annotations	This part is then referenced to another part."
Type	xsd:string
Properties	content: simple
Used by	Attribute Group relationGroup
Source	<code><xsd:attribute name="relationID" type="xsd:string"> <xsd:annotation> <xsd:documentation>This part is then referenced to another part.</xsd:documentation> </xsd:annotation> </xsd:attribute></code>

Attribute relationGroup / @annotation

Namespace	No namespace
Type	xsd:string
Properties	content: simple
Used by	Attribute Group relationGroup
Source	<code><xsd:attribute name="annotation" type="xsd:string"/></code>

Attribute pbcoreDocumentDescriptionType / pbcoreExtension / extensionWrap / @annotation

Namespace	No namespace
Type	xsd:string
Properties	content: simple
Used by	Element pbcoreDocumentDescriptionType/pbcoreExtension/extensionWrap
Source	<code><xsd:attribute name="annotation" type="xsd:string"/></code>

Attribute PBCoreCollection / @collectionTitle

Namespace	No namespace
Type	xsd:string

Properties	content: simple
Used by	Element PBCoreCollection
Source	<xsd:attribute name="collectionTitle" type="xsd:string"/>

Attribute PBCoreCollection / @collectionDescription

Namespace	No namespace
Type	xsd:string
Properties	content: simple
Used by	Element PBCoreCollection
Source	<xsd:attribute name="collectionDescription" type="xsd:string"/>

Attribute PBCoreCollection / @collectionSource

Namespace	No namespace
Type	xsd:string
Properties	content: simple
Used by	Element PBCoreCollection
Source	<xsd:attribute name="collectionSource" type="xsd:string"/>

Attribute PBCoreCollection / @collectionLink

Namespace	No namespace
Type	xsd:string
Properties	content: simple
Used by	Element PBCoreCollection
Source	<xsd:attribute name="collectionLink" type="xsd:string"/>

Attribute PBCoreCollection / @collectionDate

Namespace	No namespace
Type	xsd:string
Properties	content: simple
Used by	Element PBCoreCollection
Source	<xsd:attribute name="collectionDate" type="xsd:string"/>