

# Schema documentation for collection.xsd

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## Namespace: ""

### Schema(s)

#### Main schema collection.xsd

Namespace	No namespace
Properties	attribute form default: unqualified
	element form default: qualified

### Element(s)

#### Element assortment

Namespace	No namespace
Diagram	
Properties	content: complex
Model	shelf , library , selection , tracks
Children	library, selection, shelf, tracks
Instance	<pre>&lt;assortment&gt;   &lt;shelf&gt;{1,1}&lt;/shelf&gt;   &lt;library&gt;{1,1}&lt;/library&gt;   &lt;selection&gt;{1,1}&lt;/selection&gt;   &lt;tracks&gt;{1,1}&lt;/tracks&gt; &lt;/assortment&gt;</pre>

Source	<pre> &lt;xs:element name="assortment"&gt;   &lt;xs:complexType&gt;     &lt;xs:sequence&gt;       &lt;xs:element ref="shelf"/&gt;       &lt;xs:element ref="library"/&gt;       &lt;xs:element ref="selection"/&gt;       &lt;xs:element ref="tracks"/&gt;     &lt;/xs:sequence&gt;   &lt;/xs:complexType&gt; &lt;/xs:element&gt; </pre>
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## Element shelf

Namespace	No namespace
Diagram	
Properties	content: complex
Used by	Element assortment
Model	name , book+
Children	book, name
Instance	<pre> &lt;shelf&gt;   &lt;name&gt;{1,1}&lt;/name&gt;   &lt;book&gt;{1,unbounded}&lt;/book&gt; &lt;/shelf&gt; </pre>
Source	<pre> &lt;xs:element name="shelf"&gt;   &lt;xs:complexType&gt;     &lt;xs:sequence&gt;       &lt;xs:element ref="name"/&gt;       &lt;xs:element maxOccurs="unbounded" ref="book"/&gt;     &lt;/xs:sequence&gt;   &lt;/xs:complexType&gt; &lt;/xs:element&gt; </pre>

## Element name

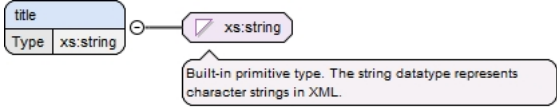
Namespace	No namespace
Diagram	
Type	xs:string
Properties	content: simple
Used by	Elements library, selection, shelf, tracks
Source	<pre> &lt;xs:element name="name" type="xs:string"/&gt; </pre>

## Element book

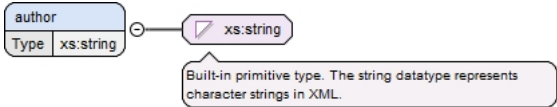
Namespace	No namespace
Diagram	

Properties	content: complex
Used by	Element shelf
Model	title , author , pubdate , genre , value
Children	author, genre, pubdate, title, value
Instance	<pre> &lt;book&gt;   &lt;title&gt;{1,1}&lt;/title&gt;   &lt;author&gt;{1,1}&lt;/author&gt;   &lt;pubdate&gt;{1,1}&lt;/pubdate&gt;   &lt;genre&gt;{1,1}&lt;/genre&gt;   &lt;value&gt;{1,1}&lt;/value&gt; &lt;/book&gt; </pre>
Source	<pre> &lt;xs:element name="book"&gt;   &lt;xs:complexType&gt;     &lt;xs:sequence&gt;       &lt;xs:element ref="title"/&gt;       &lt;xs:element ref="author"/&gt;       &lt;xs:element ref="pubdate"/&gt;       &lt;xs:element ref="genre"/&gt;       &lt;xs:element ref="value"/&gt;     &lt;/xs:sequence&gt;   &lt;/xs:complexType&gt; &lt;/xs:element&gt; </pre>

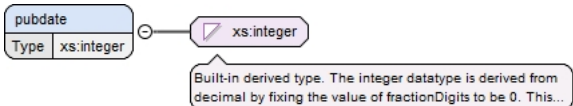
## Element title

Namespace	No namespace
Diagram	
Type	xs:string
Properties	content: simple
Used by	Elements album, book, game, movie
Source	<code>&lt;xs:element name="title" type="xs:string" /&gt;</code>

## Element author

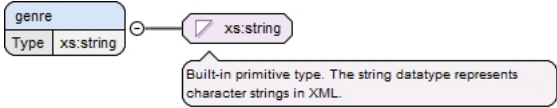
Namespace	No namespace
Diagram	
Type	xs:string
Properties	content: simple
Used by	Elements album, book
Source	<code>&lt;xs:element name="author" type="xs:string" /&gt;</code>

## Element pubdate

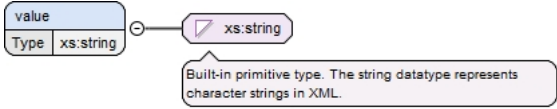
Namespace	No namespace
Diagram	
Type	xs:integer
Properties	content: simple
Used by	Element book

Source	<code>&lt;xs:element name="pubdate" type="xs:integer" /&gt;</code>
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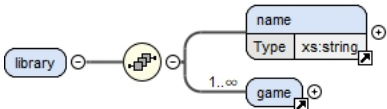
## Element genre

Namespace	No namespace
Diagram	
Type	xs:string
Properties	content: simple
Used by	Elements album, book, game, movie
Source	<code>&lt;xs:element name="genre" type="xs:string" /&gt;</code>

## Element value

Namespace	No namespace
Diagram	
Type	xs:string
Properties	content: simple
Used by	Elements book, game
Source	<code>&lt;xs:element name="value" type="xs:string" /&gt;</code>

## Element library

Namespace	No namespace
Diagram	
Properties	content: complex
Used by	Element assortment
Model	name , game+
Children	game, name
Instance	<pre>&lt;library&gt;   &lt;name&gt;{1,1}&lt;/name&gt;   &lt;game&gt;{1,unbounded}&lt;/game&gt; &lt;/library&gt;</pre>
Source	<pre>&lt;xs:element name="library"&gt;   &lt;xs:complexType&gt;     &lt;xs:sequence&gt;       &lt;xs:element ref="name" /&gt;       &lt;xs:element maxOccurs="unbounded" ref="game" /&gt;     &lt;/xs:sequence&gt;   &lt;/xs:complexType&gt; &lt;/xs:element&gt;</pre>

## Element game

Namespace	No namespace
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Diagram	
Properties	content: complex
Used by	Element library
Model	title , publisher , releaseDate , genre , value
Children	genre, publisher, releaseDate, title, value
Instance	<pre>&lt;game&gt;   &lt;title&gt;{1,1}&lt;/title&gt;   &lt;publisher&gt;{1,1}&lt;/publisher&gt;   &lt;releaseDate&gt;{1,1}&lt;/releaseDate&gt;   &lt;genre&gt;{1,1}&lt;/genre&gt;   &lt;value&gt;{1,1}&lt;/value&gt; &lt;/game&gt;</pre>
Source	<pre>&lt;xs:element name="game"&gt;   &lt;xs:complexType&gt;     &lt;xs:sequence&gt;       &lt;xs:element ref="title"/&gt;       &lt;xs:element ref="publisher"/&gt;       &lt;xs:element ref="releaseDate"/&gt;       &lt;xs:element ref="genre"/&gt;       &lt;xs:element ref="value"/&gt;     &lt;/xs:sequence&gt;   &lt;/xs:complexType&gt; &lt;/xs:element&gt;</pre>

## Element publisher

Namespace	No namespace
Diagram	
Type	xs:string
Properties	content: simple
Used by	Element game
Source	<pre>&lt;xs:element name="publisher" type="xs:string"/&gt;</pre>

## Element releaseDate

Namespace	No namespace
Diagram	
Type	xs:date
Properties	content: simple
Used by	Elements album, game, movie
Source	<pre>&lt;xs:element name="releaseDate" type="xs:date"/&gt;</pre>

## Element selection

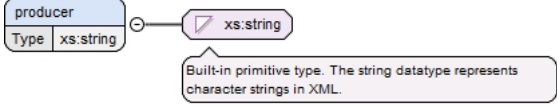
Namespace	No namespace
Diagram	
Properties	content: complex
Used by	Element assortment
Model	name , movie+
Children	movie, name
Instance	<pre>&lt;selection&gt;   &lt;name&gt;{1,1}&lt;/name&gt;   &lt;movie&gt;{1,unbounded}&lt;/movie&gt; &lt;/selection&gt;</pre>
Source	<pre>&lt;xs:element name="selection"&gt;   &lt;xs:complexType&gt;     &lt;xs:sequence&gt;       &lt;xs:element ref="name"/&gt;       &lt;xs:element maxOccurs="unbounded" ref="movie"/&gt;     &lt;/xs:sequence&gt;   &lt;/xs:complexType&gt; &lt;/xs:element&gt;</pre>

## Element movie

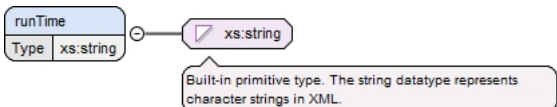
Namespace	No namespace
Diagram	
Properties	content: complex
Used by	Element selection
Model	title , producer , releaseDate , genre , runTime
Children	genre, producer, releaseDate, runTime, title
Instance	<pre>&lt;movie&gt;   &lt;title&gt;{1,1}&lt;/title&gt;   &lt;producer&gt;{1,1}&lt;/producer&gt;   &lt;releaseDate&gt;{1,1}&lt;/releaseDate&gt;   &lt;genre&gt;{1,1}&lt;/genre&gt;   &lt;runTime&gt;{1,1}&lt;/runTime&gt; &lt;/movie&gt;</pre>
Source	<pre>&lt;xs:element name="movie"&gt;   &lt;xs:complexType&gt;     &lt;xs:sequence&gt;       &lt;xs:element ref="title"/&gt;       &lt;xs:element ref="producer"/&gt;       &lt;xs:element ref="releaseDate"/&gt;       &lt;xs:element ref="genre"/&gt;       &lt;xs:element ref="runTime"/&gt;     &lt;/xs:sequence&gt;   &lt;/xs:complexType&gt; &lt;/xs:element&gt;</pre>

## Element producer

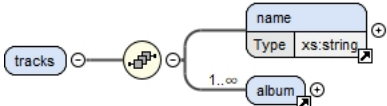
Namespace	No namespace
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Diagram	
Type	xs:string
Properties	content: simple
Used by	Element movie
Source	<code>&lt;xs:element name="producer" type="xs:string" /&gt;</code>

## Element runTime

Namespace	No namespace
Diagram	
Type	xs:string
Properties	content: simple
Used by	Element movie
Source	<code>&lt;xs:element name="runTime" type="xs:string" /&gt;</code>

## Element tracks

Namespace	No namespace
Diagram	
Properties	content: complex
Used by	Element assortment
Model	name , album+
Children	album, name
Instance	<pre>&lt;tracks&gt;   &lt;name&gt;{1,1}&lt;/name&gt;   &lt;album&gt;{1,unbounded}&lt;/album&gt; &lt;/tracks&gt;</pre>
Source	<pre>&lt;xs:element name="tracks"&gt;   &lt;xs:complexType&gt;     &lt;xs:sequence&gt;       &lt;xs:element ref="name" /&gt;       &lt;xs:element maxOccurs="unbounded" ref="album" /&gt;     &lt;/xs:sequence&gt;   &lt;/xs:complexType&gt; &lt;/xs:element&gt;</pre>

## Element album

Namespace	No namespace
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Diagram	
Properties	content: complex
Used by	Element tracks
Model	title , author , releaseDate , genre , trackCount
Children	author, genre, releaseDate, title, trackCount
Instance	<pre>&lt;album&gt;   &lt;title&gt;{1,1}&lt;/title&gt;   &lt;author&gt;{1,1}&lt;/author&gt;   &lt;releaseDate&gt;{1,1}&lt;/releaseDate&gt;   &lt;genre&gt;{1,1}&lt;/genre&gt;   &lt;trackCount&gt;{1,1}&lt;/trackCount&gt; &lt;/album&gt;</pre>
Source	<pre>&lt;xs:element name="album"&gt;   &lt;xs:complexType&gt;     &lt;xs:sequence&gt;       &lt;xs:element ref="title"/&gt;       &lt;xs:element ref="author"/&gt;       &lt;xs:element ref="releaseDate"/&gt;       &lt;xs:element ref="genre"/&gt;       &lt;xs:element ref="trackCount"/&gt;     &lt;/xs:sequence&gt;   &lt;/xs:complexType&gt; &lt;/xs:element&gt;</pre>

## Element trackCount

Namespace	No namespace
Diagram	
Type	xs:integer
Properties	content: simple
Used by	Element album
Source	<pre>&lt;xs:element name="trackCount" type="xs:integer"/&gt;</pre>