

# Schema documentation for openSDX\_00-00-00-01.xsd

august 30, 2011

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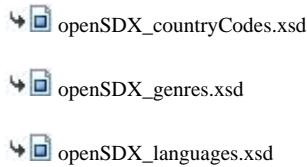
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## Resource hierarchy:

Legend: Import, Include, Redefine, Cycle detected

openSDX\_00-00-00-01.xsd



Namespace: ""

## Schema(s)

Main schema **openSDX\_00-00-00-01.xsd**

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

## Element(s)

### Element feed

Namespace	No namespace
Annotations	General Element for the whole XML-Doc (root)
Diagram	<pre> graph LR     feed((feed)) --&gt; feedinfo[feedinfo Type feedinfo]     feed --&gt; bundle[bundle Type bundle]     feed --&gt; item[item Type item]     style feedfill:#ffffcc     style feedinfofill:#ffffcc     style bundlefill:#ffffcc     style itemfill:#ffffcc     </pre>
Properties	content: complex
Model	feedinfo , bundle* , item*
Children	bundle, feedinfo, item
Instance	<pre> &lt;feed&gt;   &lt;feedinfo&gt;{1,1}&lt;/feedinfo&gt;   &lt;bundle&gt;{0,unbounded}&lt;/bundle&gt;   &lt;item&gt;{0,unbounded}&lt;/item&gt; &lt;/feed&gt;   </pre>
Source	<pre> &lt;xsd:element name="feed"&gt;   &lt;xsd:annotation&gt;     &lt;xsd:documentation xml:lang="en"&gt;General Element for the whole XML-Doc (root)&lt;/   xsd:documentation&gt;   &lt;/xsd:annotation&gt;   &lt;xsd:complexType&gt;     &lt;xsd:sequence&gt;       &lt;xsd:element name="feedinfo" type="feedinfo"/&gt;       &lt;xsd:element name="bundle" type="bundle" maxOccurs="unbounded" minOccurs="0"/&gt;       &lt;xsd:element name="item" type="item" maxOccurs="unbounded" minOccurs="0"/&gt;     &lt;/xsd:sequence&gt;   &lt;/xsd:complexType&gt; &lt;/xsd:element&gt;   </pre>

### Element feed / feedinfo

Namespace	No namespace
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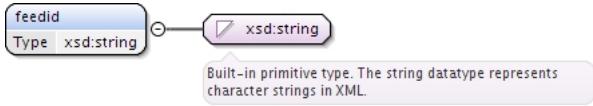
Diagram	<pre> classDiagram     class feedinfo {         onlytest         feedid         creationdatetime         effectivedatetime         creator         receiver         sender         licensor         licensee         actions     }     feedinfo &lt; -- feedinfo     note over feedinfo: On feedinfo-level there are the global information needed or at least valuable for ingesting / identifying the content...   </pre>
Type	feedinfo
Properties	content: complex
Model	ALL(onlytest feedid creationdatetime effectivedatetime creator{0,1} receiver sender licensor licensee actions{0,1})
Children	actions, creationdatetime, creator, effectivedatetime, feedid, licensee, licensor, onlytest, receiver, sender
Instance	<pre> &lt;feedinfo&gt;   &lt;onlytest&gt;{1,1}&lt;/onlytest&gt;   &lt;feedid&gt;{1,1}&lt;/feedid&gt;   &lt;creationdatetime&gt;{1,1}&lt;/creationdatetime&gt;   &lt;effectivedatetime&gt;{1,1}&lt;/effectivedatetime&gt;   &lt;creator&gt;{0,1}&lt;/creator&gt;   &lt;receiver&gt;{1,1}&lt;/receiver&gt;   &lt;sender&gt;{1,1}&lt;/sender&gt;   &lt;licensor&gt;{1,1}&lt;/licensor&gt;   &lt;licensee&gt;{1,1}&lt;/licensee&gt;   &lt;actions&gt;{0,1}&lt;/actions&gt; &lt;/feedinfo&gt;   </pre>
Source	<code>&lt;xsd:element name="feedinfo" type="feedinfo"/&gt;</code>

### Element feedinfo / onlytest

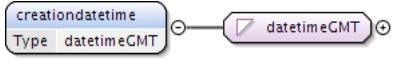
Namespace	No namespace
Diagram	<pre> classDiagram     class onlytest {         Type xsd:boolean     }     note over onlytest: Built-in primitive type. It defines the boolean values true and false.   </pre>
Type	xsd:boolean
Properties	content: simple
Source	<code>&lt;xsd:element name="onlytest" type="xsd:boolean"/&gt;</code>

### Element feedinfo / feedid

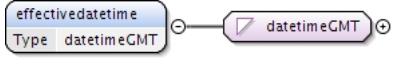
Namespace	No namespace
-----------	--------------

Diagram	
Type	xsd:string
Properties	content: simple
Source	<xsd:element name="feedid" type="xsd:string" />

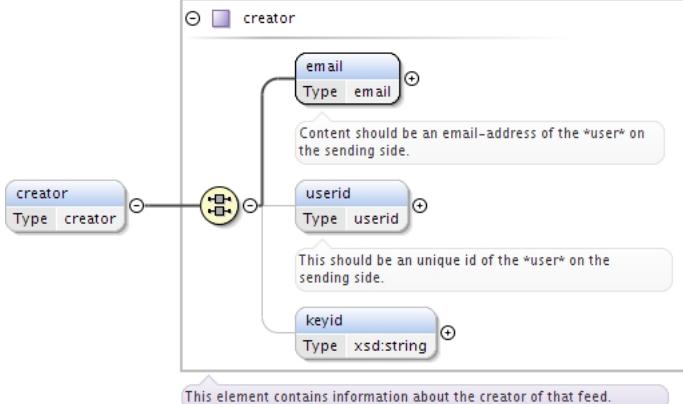
### Element feedinfo / creationdatetime

Namespace	No namespace
Diagram	
Type	datetimeGMT
Properties	content: simple
Facets	pattern \d{4}-\d{2}-\d{2} \d{2}:\d{2}:\d{2} GMT\ +\d{2}:\d{2}
Source	<xsd:element name="creationdatetime" type="datetimeGMT" />

### Element feedinfo / effectivedatetime

Namespace	No namespace
Diagram	
Type	datetimeGMT
Properties	content: simple
Facets	pattern \d{4}-\d{2}-\d{2} \d{2}:\d{2}:\d{2} GMT\ +\d{2}:\d{2}
Source	<xsd:element name="effectivedatetime" type="datetimeGMT" />

### Element feedinfo / creator

Namespace	No namespace
Diagram	
Type	creator
Properties	content: complex minOccurs: 0 maxOccurs: 1
Model	ALL(email userid{0,1} keyid{0,1})

Children	email, keyid, userid
Instance	<pre>&lt;creator&gt;   &lt;email&gt;{1,1}&lt;/email&gt;   &lt;userid&gt;{0,1}&lt;/userid&gt;   &lt;keyid&gt;{0,1}&lt;/keyid&gt; &lt;/creator&gt;</pre>
Source	<pre>&lt;xsd:element name="creator" type="creator" maxOccurs="1" minOccurs="0" /&gt;</pre>

### Element creator / email

Namespace	No namespace
Annotations	Content should be an email-address of the *user* on the sending side.
Diagram	<p>The diagram shows a node labeled "email" with a self-loop arrow, indicating it is a simple type. A callout box below the node states: "Content should be an email-address of the *user* on the sending side."</p>
Type	email
Properties	content: simple
Facets	pattern (( [a-zA-Z0-9_\-\.\.]+@[a-zA-Z0-9-]+\.( [a-zA-Z0-9-]+)*(\.[a-zA-Z]{2,3}))?)
Source	<pre>&lt;xsd:element name="email" type="email"&gt;   &lt;xsd:annotation&gt;     &lt;xsd:documentation xml:lang="en"&gt;Content should be an email-address of the *user* on the sending side.&lt;/xsd:documentation&gt;   &lt;/xsd:annotation&gt; &lt;/xsd:element&gt;</pre>

### Element creator / userid

Namespace	No namespace						
Annotations	This should be an unique id of the *user* on the sending side.						
Diagram	<p>The diagram shows a node labeled "userid" with a self-loop arrow, indicating it is a simple type. A callout box below the node states: "This should be an unique id of the *user* on the sending side."</p>						
Type	userid						
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>&lt;xsd:element name="userid" type="userid" maxOccurs="1" minOccurs="0" &gt;   &lt;xsd:annotation&gt;     &lt;xsd:documentation xml:lang="en"&gt;This should be an unique id of the *user* on the sending side.&lt;/xsd:documentation&gt;   &lt;/xsd:annotation&gt; &lt;/xsd:element&gt;</pre>						

### Element creator / keyid

Namespace	No namespace				
Diagram	<p>The diagram shows a node labeled "keyid" with a self-loop arrow, indicating it is a simple type. A callout box below the node 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> </table>	content:	simple	minOccurs:	0
content:	simple				
minOccurs:	0				

	maxOccurs: 1
Source	<xsd:element name="keyid" type="xsd:string" maxOccurs="1" minOccurs="0" />

### Element feedinfo / receiver

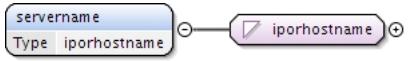
Namespace	No namespace
Diagram	<pre> classDiagram     class receiver {         type receivertypes         servername iporhostname         serveripv4 ipv4         serveripv6 ipv6         authtype authtype         username xsd:string         crypto crypto     }     receiver &lt; -- receiver     note over receiver: This element contains information about the receiver of that feed.   </pre>
Type	receiver
Properties	content: complex
Model	ALL(type servername serveripv4 serveripv6{0,1} authtype username{0,1} crypto{0,1})
Children	authtype, crypto, serveripv4, serveripv6, servername, type, username
Instance	<pre> &lt;receiver&gt;   &lt;type&gt;{1,1}&lt;/type&gt;   &lt;servername&gt;{1,1}&lt;/servername&gt;   &lt;serveripv4&gt;{1,1}&lt;/serveripv4&gt;   &lt;serveripv6&gt;{0,1}&lt;/serveripv6&gt;   &lt;authtype&gt;{1,1}&lt;/authtype&gt;   &lt;username&gt;{0,1}&lt;/username&gt;   &lt;crypto&gt;{0,1}&lt;/crypto&gt; &lt;/receiver&gt;   </pre>
Source	<xsd:element name="receiver" type="receiver" />

### Element receiver / type

Namespace	No namespace										
Diagram	<pre> classDiagram     class type {         Type receivertypes     }     type --&gt; receivertypes   </pre>										
Type	receivertypes										
Properties	content: simple										
Facets	<table border="1"> <tr> <td>enumeration</td> <td>ftp</td> </tr> <tr> <td>enumeration</td> <td>ftps</td> </tr> <tr> <td>enumeration</td> <td>sftp</td> </tr> <tr> <td>enumeration</td> <td>webdav</td> </tr> <tr> <td>enumeration</td> <td>openSDX fileserver</td> </tr> </table>	enumeration	ftp	enumeration	ftps	enumeration	sftp	enumeration	webdav	enumeration	openSDX fileserver
enumeration	ftp										
enumeration	ftps										
enumeration	sftp										
enumeration	webdav										
enumeration	openSDX fileserver										
Source	<xsd:element name="type" type="receivertypes" />										

### Element receiver / servername

Namespace	No namespace
-----------	--------------

Diagram	
Type	iporhostname
Properties	content: simple
Source	<xsd:element name="servername" type="iporhostname" />

#### Element receiver / serveripv4

Namespace	No namespace
Diagram	
Type	ipv4
Properties	content: simple
Facets	pattern (25[0-5] 2[0-4][0-9]  1[0-9][0-9][0-9] {1,2})\.(25[0-5]  2[0-4][0-9] 1[0-9] [0-9] {0-9}{1,2}){3}
Source	<xsd:element name="serveripv4" type="ipv4" />

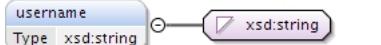
#### Element receiver / serveripv6

Namespace	No namespace
Diagram	
Type	ipv6
Properties	content: simple minOccurs: 0 maxOccurs: 1
Source	<xsd:element name="serveripv6" type="ipv6" maxOccurs="1" minOccurs="0" />

#### Element receiver / authtype

Namespace	No namespace
Diagram	
Type	authtype
Properties	content: simple
Facets	enumeration login enumeration keyfile enumeration kerberos enumeration keyfile+login enumeration keyfile+username
Source	<xsd:element name="authtype" type="authtype" />

#### Element receiver / username

Namespace	No namespace
Diagram	 Built-in primitive type. The string datatype represents character strings in XML.
Type	xsd:string

Properties	content: simple minOccurs: 0 maxOccurs: 1
Source	<xsd:element name="username" type="xsd:string" maxOccurs="1" minOccurs="0" />

## Element receiver / crypto

Namespace	No namespace
Diagram	<p>This element contains crypto information for secure and authenticated transfer.</p>
Type	crypto
Properties	content: complex minOccurs: 0 maxOccurs: 1
Model	ALL(relatedemail{0,1} usedkeyid{0,1} usedpubkey{0,1})
Children	relatedemail, usedkeyid, usedpubkey
Instance	<crypto>     <relatedemail>{0,1}</relatedemail>     <usedkeyid>{0,1}</usedkeyid>     <usedpubkey>{0,1}</usedpubkey> </crypto>
Source	<xsd:element name="crypto" type="crypto" maxOccurs="1" minOccurs="0" />

## Element crypto / relatedemail

Namespace	No namespace
Diagram	
Type	email
Properties	content: simple minOccurs: 0 maxOccurs: 1
Facets	pattern (([a-zA-Z0-9_\-\.\.]+@[a-zA-Z0-9\-.]+\(\.[a-zA-Z0-9\-.]+\)*(\.\.[a-zA-Z]{2,3}\))?)?
Source	<xsd:element name="relatedemail" type="email" maxOccurs="1" minOccurs="0" />

## Element crypto / usedkeyid

Namespace	No namespace
Diagram	
Type	keyid
Properties	content: simple minOccurs: 0

	maxOccurs: 1
Source	<xsd:element name="usedkeyid" type="keyid" maxOccurs="1" minOccurs="0" />

### Element crypto / usedpubkey

Namespace	No namespace						
Diagram	<p>The diagram shows the <code>usedpubkey</code> element connected to the <code>xsd:base64Binary</code> type. A callout box indicates that <code>base64Binary</code> is a built-in primitive type representing Base64-encoded arbitrary binary data.</p>						
Type	xsd:base64Binary						
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	<xsd:element name="usedpubkey" type="xsd:base64Binary" maxOccurs="1" minOccurs="0" />						

### Element feedinfo / sender

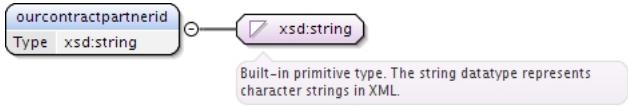
Namespace	No namespace
Diagram	<p>The diagram shows the <code>sender</code> element containing four child elements: <code>contractpartnerid</code>, <code>ourcontractpartnerid</code>, <code>email</code>, and <code>keyid</code>. A callout box states that this element contains information about the sender of that feed.</p>
Type	sender
Properties	content: complex
Model	ALL(contractpartnerid ourcontractpartnerid email{0,1} keyid{0,1})
Children	contractpartnerid, email, keyid, ourcontractpartnerid
Instance	<pre>&lt;sender&gt;   &lt;contractpartnerid&gt;{1,1}&lt;/contractpartnerid&gt;   &lt;ourcontractpartnerid&gt;{1,1}&lt;/ourcontractpartnerid&gt;   &lt;email&gt;{0,1}&lt;/email&gt;   &lt;keyid&gt;{0,1}&lt;/keyid&gt; &lt;/sender&gt;</pre>
Source	<xsd:element name="sender" type="sender" />

### Element sender / contractpartnerid

Namespace	No namespace
Diagram	<p>The diagram shows the <code>contractpartnerid</code> element connected to the <code>xsd:string</code> type. A callout box indicates that <code>string</code> is a built-in primitive type representing character strings in XML.</p>
Type	xsd:string
Properties	content: simple
Source	<xsd:element name="contractpartnerid" type="xsd:string" />

### Element sender / ourcontractpartnerid

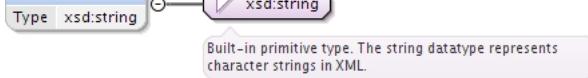
Namespace	No namespace
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Diagram	
Type	xsd:string
Properties	content: simple
Source	<xsd:element name="ourcontractpartnerid" type="xsd:string"/>

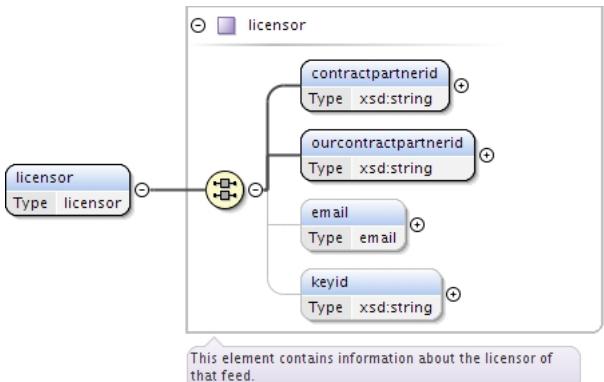
### Element sender / email

Namespace	No namespace
Diagram	
Type	email
Properties	content: simple minOccurs: 0 maxOccurs: 1
Facets	pattern (([a-zA-Z0-9_\-\.\.]+@[a-zA-Z0-9\-.]+\(\.[a-zA-Z0-9\-.]+\)*(\.\.[a-zA-Z]{2,3}))?)
Source	<xsd:element name="email" type="email" maxOccurs="1" minOccurs="0"/>

### Element sender / keyid

Namespace	No namespace
Diagram	
Type	xsd:string
Properties	content: simple minOccurs: 0 maxOccurs: 1
Source	<xsd:element name="keyid" type="xsd:string" maxOccurs="1" minOccurs="0"/>

### Element feedinfo / licensor

Namespace	No namespace
Diagram	
Type	licensor
Properties	content: complex

Model	ALL(contractpartnerid ourcontractpartnerid email{0,1} keyid{0,1})
Children	contractpartnerid, email, keyid, ourcontractpartnerid
Instance	<pre>&lt;licensor&gt;   &lt;contractpartnerid&gt;{1,1}&lt;/contractpartnerid&gt;   &lt;ourcontractpartnerid&gt;{1,1}&lt;/ourcontractpartnerid&gt;   &lt;email&gt;{0,1}&lt;/email&gt;   &lt;keyid&gt;{0,1}&lt;/keyid&gt; &lt;/licensor&gt;</pre>
Source	<xsd:element name="licensor" type="licensor" />

### Element licensor / contractpartnerid

Namespace	No namespace
Diagram	<p>The diagram shows the element 'contractpartnerid' represented by a blue rounded rectangle. To its right is a purple rounded rectangle containing the text 'xsd:string'. A line connects the two. Below this, a gray callout box contains the text 'Built-in primitive type. The string datatype represents character strings in XML.'.</p>
Type	xsd:string
Properties	content: simple
Source	<xsd:element name="contractpartnerid" type="xsd:string" />

### Element licensor / ourcontractpartnerid

Namespace	No namespace
Diagram	<p>The diagram shows the element 'ourcontractpartnerid' represented by a blue rounded rectangle. To its right is a purple rounded rectangle containing the text 'xsd:string'. A line connects the two. Below this, a gray callout box contains the text 'Built-in primitive type. The string datatype represents character strings in XML.'.</p>
Type	xsd:string
Properties	content: simple
Source	<xsd:element name="ourcontractpartnerid" type="xsd:string" />

### Element licensor / email

Namespace	No namespace
Diagram	<p>The diagram shows the element 'email' represented by a blue rounded rectangle. To its right is a purple rounded rectangle containing the text 'email'. A line connects the two. Below this, another purple rounded rectangle contains the text 'xsd:string'. A line connects 'email' to 'xsd:string'. Below this, a gray callout box contains the text 'Built-in primitive type. The string datatype represents character strings in XML.'.</p>
Type	email
Properties	<p>content: simple</p> <p>minOccurs: 0</p> <p>maxOccurs: 1</p>
Facets	<p>pattern</p> <pre>(( [a-zA-Z0-9_\- \.]*)@[a-zA-Z0-9-]+(\. [a-zA-Z0-9-]+)*(\.[a-zA-Z] {2,3}))?</pre>
Source	<xsd:element name="email" type="email" maxOccurs="1" minOccurs="0" />

### Element licensor / keyid

Namespace	No namespace
Diagram	<p>The diagram shows the element 'keyid' represented by a blue rounded rectangle. To its right is a purple rounded rectangle containing the text 'xsd:string'. A line connects the two. Below this, a gray callout box contains the text 'Built-in primitive type. The string datatype represents character strings in XML.'.</p>
Type	xsd:string
Properties	content: simple

	minOccurs: 0
	maxOccurs: 1
Source	<xsd:element name="keyid" type="xsd:string" maxOccurs="1" minOccurs="0"/>

## Element feedinfo / licensee

Namespace	No namespace
Diagram	<pre> classDiagram     class licensee {         contractpartnerid : xsd:string         ourcontractpartnerid : xsd:string         email : email         keyid : xsd:string     }     licensee &lt; -- licensee     </pre>
Type	licensee
Properties	content: complex
Model	ALL(contractpartnerid ourcontractpartnerid email{0,1} keyid{0,1})
Children	contractpartnerid, email, keyid, ourcontractpartnerid
Instance	<pre> &lt;licensee&gt;   &lt;contractpartnerid&gt;{1,1}&lt;/contractpartnerid&gt;   &lt;ourcontractpartnerid&gt;{1,1}&lt;/ourcontractpartnerid&gt;   &lt;email&gt;{0,1}&lt;/email&gt;   &lt;keyid&gt;{0,1}&lt;/keyid&gt; &lt;/licensee&gt; </pre>
Source	<xsd:element name="licensee" type="licensee" />

## Element licensee / contractpartnerid

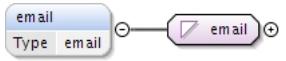
Namespace	No namespace
Diagram	<pre> classDiagram     class contractpartnerid {         &lt;&lt;Built-in primitive type. The string datatype represents character strings in XML.&gt;&gt;     }     contractpartnerid &lt; -- xsd:string     </pre>
Type	xsd:string
Properties	content: simple
Source	<xsd:element name="contractpartnerid" type="xsd:string" />

## Element licensee / ourcontractpartnerid

Namespace	No namespace
Diagram	<pre> classDiagram     class ourcontractpartnerid {         &lt;&lt;Built-in primitive type. The string datatype represents character strings in XML.&gt;&gt;     }     ourcontractpartnerid &lt; -- xsd:string     </pre>
Type	xsd:string
Properties	content: simple
Source	<xsd:element name="ourcontractpartnerid" type="xsd:string" />

## Element licensee / email

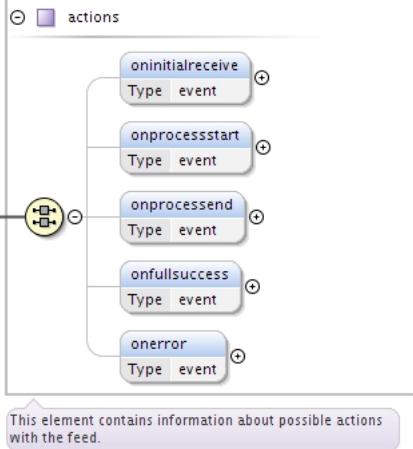
Namespace	No namespace
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Diagram	
Type	email
Properties	<p>content: simple</p> <p>minOccurs: 0</p> <p>maxOccurs: 1</p>
Facets	<p>pattern</p> <pre>(( [a-zA-Z0-9_-] \.)+@[a-zA-Z0-9-]+(\. [a-zA-Z0-9-]+)*(\.[a-zA-Z0-9-]{2,3}))?</pre>
Source	<xsd:element name="email" type="email" maxOccurs="1" minOccurs="0"/>

### Element licensee / keyid

Namespace	No namespace
Diagram	
Type	xsd:string
Properties	<p>content: simple</p> <p>minOccurs: 0</p> <p>maxOccurs: 1</p>
Source	<xsd:element name="keyid" type="xsd:string" maxOccurs="1" minOccurs="0"/>

### Element feedinfo / actions

Namespace	No namespace
Diagram	
Type	actions
Properties	<p>content: complex</p> <p>minOccurs: 0</p> <p>maxOccurs: 1</p>
Model	ALL(oninitialreceive{0,1} onprocessstart{0,1} onprocessend{0,1} onfullsuccess{0,1} onerror{0,1})
Children	onerror, onfullsuccess, oninitialreceive, onprocessend, onprocessstart
Instance	<pre> &lt;actions&gt;   &lt;oninitialreceive&gt;{0,1}&lt;/oninitialreceive&gt;   &lt;onprocessstart&gt;{0,1}&lt;/onprocessstart&gt;   &lt;onprocessend&gt;{0,1}&lt;/onprocessend&gt;   &lt;onfullsuccess&gt;{0,1}&lt;/onfullsuccess&gt;   &lt;onerror&gt;{0,1}&lt;/onerror&gt; &lt;/actions&gt; </pre>

Source

```
<xsd:element name="actions" type="actions" maxOccurs="1" minOccurs="0" />
```

### Element actions / oninitialreceive

Namespace	No namespace
Diagram	<p>This element contains information about possible events and actions.</p>
Type	event
Properties	content: complex minOccurs: 0 maxOccurs: 1
Model	mailto*, http*, fax*, letter*
Children	fax, http, letter, mailto
Instance	<pre>&lt;oninitialreceive&gt;   &lt;mailto&gt;{0,unbounded}&lt;/mailto&gt;   &lt;http&gt;{0,unbounded}&lt;/http&gt;   &lt;fax&gt;{0,unbounded}&lt;/fax&gt;   &lt;letter&gt;{0,unbounded}&lt;/letter&gt; &lt;/oninitialreceive&gt;</pre>
Source	<pre>&lt;xsd:element name="oninitialreceive" type="event" maxOccurs="1" minOccurs="0" /&gt;</pre>

### Element event / mailto

Namespace	No namespace
Diagram	<p>This element contains information about mailto-event.</p>
Type	mailto
Type hierarchy	<ul style="list-style-type: none"> <li>• action</li> <li>• mailto</li> </ul>
Properties	content: complex minOccurs: 0 maxOccurs: unbounded
Model	receiver+, subject, text
Children	receiver, subject, text
Instance	<pre>&lt;mailto&gt;</pre>

	<pre>&lt;receiver&gt;{1,unbounded}&lt;/receiver&gt; &lt;subject&gt;{1,1}&lt;/subject&gt; &lt;text&gt;{1,1}&lt;/text&gt; &lt;/mailto&gt;</pre>
Source	<pre>&lt;xsd:element name="mailto" type="mailto" minOccurs="0" maxOccurs="unbounded" /&gt;</pre>

### Element mailto / receiver

Namespace	No namespace						
Diagram							
Type	emaillist						
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>unbounded</td> </tr> </table>	content:	simple	minOccurs:	1	maxOccurs:	unbounded
content:	simple						
minOccurs:	1						
maxOccurs:	unbounded						
Source	<pre>&lt;xsd:element name="mailto" type="mailto" minOccurs="0" maxOccurs="unbounded" /&gt;</pre>						

### Element mailto / subject

Namespace	No namespace		
Diagram	<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> </table>	content:	simple
content:	simple		
Source	<pre>&lt;xsd:element name="subject" type="xsd:string" /&gt;</pre>		

### Element mailto / text

Namespace	No namespace		
Diagram	<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> </table>	content:	simple
content:	simple		
Source	<pre>&lt;xsd:element name="text" type="xsd:string" /&gt;</pre>		

### Element event / http

Namespace	No namespace
Diagram	<p>This element contains information about http-event.</p>

Type	http
Type hierarchy	<ul style="list-style-type: none"> <li>• action           <ul style="list-style-type: none"> <li>• http</li> </ul> </li> </ul>
Properties	content: complex minOccurs: 0 maxOccurs: unbounded
Model	ALL(url type addheader addparams)
Children	addheader, addparams, type, url
Instance	<pre>&lt;http&gt;   &lt;url&gt;{1,1}&lt;/url&gt;   &lt;type&gt;{1,1}&lt;/type&gt;   &lt;addheader&gt;{1,1}&lt;/addheader&gt;   &lt;addparams&gt;{1,1}&lt;/addparams&gt; &lt;/http&gt;</pre>
Source	<code>&lt;xsd:element name="http" type="http" minOccurs="0" maxOccurs="unbounded"/&gt;</code>

### Element http / url

Namespace	No namespace
Diagram	
Type	url
Properties	content: simple
Source	<code>&lt;xsd:element name="url" type="url"/&gt;</code>

### Element http / type

Namespace	No namespace
Diagram	
Type	httpmethods
Properties	content: simple
Facets	enumeration GET enumeration POST enumeration HEAD
Source	<code>&lt;xsd:element name="type" type="httpmethods"/&gt;</code>

### Element http / addheader

Namespace	No namespace
Diagram	
Type	http_addheader
Type hierarchy	<ul style="list-style-type: none"> <li>• action_instruction           <ul style="list-style-type: none"> <li>• http_addheader</li> </ul> </li> </ul>
Properties	content: complex
Model	ANY element from ANY namespace
Source	<code>&lt;xsd:element name="addheader" type="http_addheader"/&gt;</code>

### Element http / addparams

Namespace	No namespace
Diagram	<pre> classDiagram     class http_addparams {         &lt;&lt;Base Type   action_instruction&gt;&gt;     }     class addparams {         &lt;&lt;Type   http_addparams&gt;&gt;     }     http_addparams &lt; -- addparams     http_addparams &lt; -- action_instruction     action_instruction &lt; --&gt; #any   </pre>
Type	http_addparams
Type hierarchy	<ul style="list-style-type: none"> <li>• action_instruction</li> <li>• http_addparams</li> </ul>
Properties	content: complex
Model	ANY element from ANY namespace
Source	<xsd:element name="addparams" type="http_addparams" />

### Element event / fax

Namespace	No namespace
Diagram	<pre> classDiagram     class fax {         &lt;&lt;Base Type   action&gt;&gt;     }     class fax {         &lt;&lt;Type   fax&gt;&gt;     }     fax &lt; -- action     action &lt; --&gt; #any   </pre>
Type	fax
Type hierarchy	<ul style="list-style-type: none"> <li>• action</li> <li>• fax</li> </ul>
Properties	<p>content: complex</p> <p>minOccurs: 0</p> <p>maxOccurs: unbounded</p>
Model	ANY element from ANY namespace
Source	<xsd:element name="fax" type="fax" minOccurs="0" maxOccurs="unbounded" />

### Element event / letter

Namespace	No namespace
Diagram	<pre> classDiagram     class letter {         &lt;&lt;Base Type&gt;&gt;     }     class letter {         &lt;&lt;Type   letter&gt;&gt;     }     letter &lt; -- letter     letter &lt; -- registered     letter &lt; -- to     letter &lt; -- text     letter &lt; -- costscoveredby   </pre> <p>This element contains information about the letter event.</p>
Type	letter

Properties	content: complex minOccurs: 0 maxOccurs: unbounded
Model	ALL(registered to text costscoveredby)
Children	costscoveredby, registered, text, to
Instance	<pre>&lt;letter&gt;   &lt;registered&gt;{1,1}&lt;/registered&gt;   &lt;to&gt;{1,1}&lt;/to&gt;   &lt;text&gt;{1,1}&lt;/text&gt;   &lt;costscoveredby&gt;{1,1}&lt;/costscoveredby&gt; &lt;/letter&gt;</pre>
Source	<code>&lt;xsd:element name="letter" type="letter" minOccurs="0" maxOccurs="unbounded"/&gt;</code>

### Element letter / registered

Namespace	No namespace
Annotations	This tells if letter must be registered or not.
Diagram	<p>registered Type xsd:boolean</p> <p>Built-in primitive type. It defines the boolean values true and false.</p>
Type	xsd:boolean
Properties	content: simple
Source	<pre>&lt;xsd:element name="registered" type="xsd:boolean"&gt;   &lt;xsd:annotation&gt;     &lt;xsd:documentation xml:lang="en"&gt;This tells if letter must be registered or not.&lt;/     xsd:documentation&gt;   &lt;/xsd:annotation&gt; &lt;/xsd:element&gt;</pre>

### Element letter / to

Namespace	No namespace
Diagram	<p>to Type to</p> <p>This element contains information about recipient.</p>
Type	to
Properties	content: complex
Model	ALL(name{0,1} department{0,1} nameperson{0,1} street postcode country additionaladdressinfo{0,1})
Children	additionaladdressinfo, country, department, name, nameperson, postcode, street
Instance	<pre>&lt;to&gt;   &lt;name&gt;{0,1}&lt;/name&gt;</pre>

	<pre>&lt;department&gt;{0,1}&lt;/department&gt; &lt;nameperson&gt;{0,1}&lt;/nameperson&gt; &lt;street&gt;{1,1}&lt;/street&gt; &lt;postcode&gt;{1,1}&lt;/postcode&gt; &lt;country&gt;{1,1}&lt;/country&gt; &lt;additionaladdressinfo&gt;{0,1}&lt;/additionaladdressinfo&gt; &lt;/to&gt;</pre>
Source	<code>&lt;xsd:element name="to" type="to"/&gt;</code>

### Element to / name

Namespace	No namespace
Diagram	
Type	xsd:string
Properties	content: simple minOccurs: 0 maxOccurs: 1
Source	<code>&lt;xsd:element name="name" type="xsd:string" minOccurs="0" maxOccurs="1"/&gt;</code>

### Element to / department

Namespace	No namespace
Diagram	
Type	xsd:string
Properties	content: simple minOccurs: 0 maxOccurs: 1
Source	<code>&lt;xsd:element name="department" type="xsd:string" minOccurs="0" maxOccurs="1"/&gt;</code>

### Element to / nameperson

Namespace	No namespace
Diagram	
Type	xsd:string
Properties	content: simple minOccurs: 0 maxOccurs: 1
Source	<code>&lt;xsd:element name="nameperson" type="xsd:string" minOccurs="0" maxOccurs="1"/&gt;</code>

### Element to / street

Namespace	No namespace
Diagram	
Type	xsd:string

Properties	content: simple
Source	<xsd:element name="street" type="xsd:string" />

### Element to / postcode

Namespace	No namespace
Diagram	
Type	xsd:string
Properties	content: simple
Source	<xsd:element name="postcode" type="xsd:string" />

### Element to / country

Namespace	No namespace
Diagram	
Type	xsd:string
Properties	content: simple
Source	<xsd:element name="country" type="xsd:string" />

### Element to / additionaladdressinfo

Namespace	No namespace
Diagram	
Type	xsd:string
Properties	content: simple minOccurs: 0 maxOccurs: 1
Source	<xsd:element name="additionaladdressinfo" type="xsd:string" minOccurs="0" maxOccurs="1"/>

### Element letter / text

Namespace	No namespace
Annotations	This contains the content/text of letter.
Diagram	
Type	xsd:string
Properties	content: simple
Source	<xsd:element name="text" type="xsd:string"> <xsd:annotation> <xsd:documentation xml:lang="en">This contains the content/text of letter.</xsd:documentation> </xsd:annotation> </xsd:element>

## Element letter / costscoveredby

Namespace	No namespace
Diagram	<pre> classDiagram     class costscoveredby {         contractpartnerid         ourcontractpartnerid         maxcostscovered     }     costscoveredby &lt; -- costscoveredby     costscoveredby &lt; -- costscoveredby     costscoveredby &lt; -- costscoveredby   </pre> <p>This element contains information about who covered the costs of event.</p>
Type	costscoveredby
Properties	content: complex
Model	ALL(contractpartnerid ourcontractpartnerid maxcostscovered{0,1})
Children	contractpartnerid, maxcostscovered, ourcontractpartnerid
Instance	<costscoveredby>   <contractpartnerid>{1,1}</contractpartnerid>   <ourcontractpartnerid>{1,1}</ourcontractpartnerid>   <maxcostscovered>{0,1}</maxcostscovered> </costscoveredby>
Source	<xsd:element name="costscoveredby" type="costscoveredby"/>

## Element costscoveredby / contractpartnerid

Namespace	No namespace
Diagram	<pre> classDiagram     class costscoveredby {         contractpartnerid         ...     }     costscoveredby &lt; -- costscoveredby   </pre> <p>Built-in primitive type. The string datatype represents character strings in XML.</p>
Type	xsd:string
Properties	content: simple
Source	<xsd:element name="contractpartnerid" type="xsd:string"/>

## Element costscoveredby / ourcontractpartnerid

Namespace	No namespace
Diagram	<pre> classDiagram     class costscoveredby {         ourcontractpartnerid         ...     }     costscoveredby &lt; -- costscoveredby   </pre> <p>Built-in primitive type. The string datatype represents character strings in XML.</p>
Type	xsd:string
Properties	content: simple
Source	<xsd:element name="ourcontractpartnerid" type="xsd:string"/>

## Element costscoveredby / maxcostscovered

Namespace	No namespace
Annotations	This contains the max amount that will be covered.
Diagram	<pre> classDiagram     class costscoveredby {         maxcostscovered         ...     }     costscoveredby &lt; -- costscoveredby   </pre> <p>This contains the max amount that will be covered.</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>&lt;xsd:element name="maxcostscovered" type="xsd:string" minOccurs="0" maxOccurs="1"&gt;   &lt;xsd:annotation&gt;     &lt;xsd:documentation xml:lang="en"&gt;This contains the max amount that will be covered.&lt;/   xsd:documentation&gt;   &lt;/xsd:annotation&gt; &lt;/xsd:element&gt;</pre>

### Element actions / onprocessstart

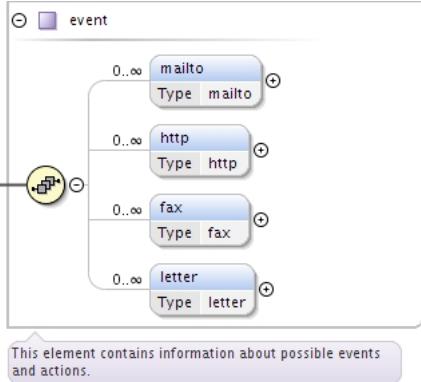
Namespace	No namespace
Diagram	<p>This element contains information about possible events and actions.</p>
Type	event
Properties	<p>content: complex</p> <p>minOccurs: 0</p> <p>maxOccurs: 1</p>
Model	mailto*, http*, fax*, letter*
Children	fax, http, letter, mailto
Instance	<pre>&lt;onprocessstart&gt;   &lt;mailto&gt;{0,unbounded}&lt;/mailto&gt;   &lt;http&gt;{0,unbounded}&lt;/http&gt;   &lt;fax&gt;{0,unbounded}&lt;/fax&gt;   &lt;letter&gt;{0,unbounded}&lt;/letter&gt; &lt;/onprocessstart&gt;</pre>
Source	<pre>&lt;xsd:element name="onprocessstart" type="event" maxOccurs="1" minOccurs="0" /&gt;</pre>

### Element actions / onprocessend

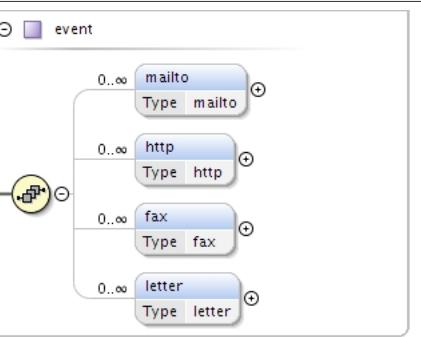
Namespace	No namespace
Diagram	<p>This element contains information about possible events and actions.</p>
Type	event
Properties	content: complex

	minOccurs: 0 maxOccurs: 1
Model	mailto*, http*, fax*, letter*
Children	fax, http, letter, mailto
Instance	<pre>&lt;onprocessend&gt;   &lt;mailto&gt;{0,unbounded}&lt;/mailto&gt;   &lt;http&gt;{0,unbounded}&lt;/http&gt;   &lt;fax&gt;{0,unbounded}&lt;/fax&gt;   &lt;letter&gt;{0,unbounded}&lt;/letter&gt; &lt;/onprocessend&gt;</pre>
Source	<code>&lt;xsd:element name="onprocessend" type="event" maxOccurs="1" minOccurs="0" /&gt;</code>

## Element actions / onfullsuccess

Namespace	No namespace
Diagram	 <p>This element contains information about possible events and actions.</p>
Type	event
Properties	content: complex minOccurs: 0 maxOccurs: 1
Model	mailto*, http*, fax*, letter*
Children	fax, http, letter, mailto
Instance	<pre>&lt;onfullsuccess&gt;   &lt;mailto&gt;{0,unbounded}&lt;/mailto&gt;   &lt;http&gt;{0,unbounded}&lt;/http&gt;   &lt;fax&gt;{0,unbounded}&lt;/fax&gt;   &lt;letter&gt;{0,unbounded}&lt;/letter&gt; &lt;/onfullsuccess&gt;</pre>
Source	<code>&lt;xsd:element name="onfullsuccess" type="event" maxOccurs="1" minOccurs="0" /&gt;</code>

## Element actions / onerror

Namespace	No namespace
Diagram	 <p>This element contains information about possible events and actions.</p>
Type	event

Properties	content: complex minOccurs: 0 maxOccurs: 1
Model	mailto*, http*, fax*, letter*
Children	fax, http, letter, mailto
Instance	<pre>&lt;onerror&gt;   &lt;mailto&gt;{0,unbounded}&lt;/mailto&gt;   &lt;http&gt;{0,unbounded}&lt;/http&gt;   &lt;fax&gt;{0,unbounded}&lt;/fax&gt;   &lt;letter&gt;{0,unbounded}&lt;/letter&gt; &lt;/onerror&gt;</pre>
Source	<xsd:element name="onerror" type="event" maxOccurs="1" minOccurs="0"/>

## Element feed / bundle

Namespace	No namespace
Diagram	<p>bundle</p> <p>displayname (xsd:string) name (xsd:string) version (xsd:string) display_artistname (xsd:string) ids (ids) items (items) contributors (contributors) information (information) license_basis (license_basis) license_specifics (license_specifics) reporting (reporting) tags (tags) files (files) purchase (purchase)</p> <p>On bundle level, there are information on how to handle a collection of "items". This is mainly an album/ep/single.</p>
Type	bundle
Properties	content: complex minOccurs: 0 maxOccurs: unbounded
Model	ALL(displayname{0,1} name{0,1} version{0,1} display_artistname{0,1} ids items{0,1} contributors{0,1} information{0,1} license_basis{0,1} license_specifics{0,1} reporting{0,1} tags{0,1} files{0,1} purchase{0,1})

Children	contributors, display_artistname, displayname, files, ids, information, items, license_basis, license_specifics, name, purchase, reporting, tags, version
Instance	<pre>&lt;bundle&gt;   &lt;displayname&gt;{0,1}&lt;/displayname&gt;   &lt;name&gt;{0,1}&lt;/name&gt;   &lt;version&gt;{0,1}&lt;/version&gt;   &lt;display_artistname&gt;{0,1}&lt;/display_artistname&gt;   &lt;ids&gt;{1,1}&lt;/ids&gt;   &lt;items&gt;{0,1}&lt;/items&gt;   &lt;contributors&gt;{0,1}&lt;/contributors&gt;   &lt;information&gt;{0,1}&lt;/information&gt;   &lt;license_basis&gt;{0,1}&lt;/license_basis&gt;   &lt;license_specifics&gt;{0,1}&lt;/license_specifics&gt;   &lt;reporting&gt;{0,1}&lt;/reporting&gt;   &lt;tags&gt;{0,1}&lt;/tags&gt;   &lt;files&gt;{0,1}&lt;/files&gt;   &lt;purchase&gt;{0,1}&lt;/purchase&gt; &lt;/bundle&gt;</pre>
Source	<code>&lt;xsd:element name="bundle" type="bundle" maxOccurs="unbounded" minOccurs="0" /&gt;</code>

### Element bundle / displayname

Namespace	No namespace						
Diagram	<p>The diagram shows the <code>displayname</code> element as a rounded rectangle with the label "displayname" above it and "Type xsd:string" below it. A line connects it to a purple rounded rectangle labeled "xsd:string". A callout box below the connection line states: "Built-in primitive type. The string datatype represents character strings in XML."</p>						
Type	xsd:string						
Properties	<table> <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	<code>&lt;xsd:element name="displayname" type="xsd:string" maxOccurs="1" minOccurs="0" /&gt;</code>						

### Element bundle / name

Namespace	No namespace						
Diagram	<p>The diagram shows the <code>name</code> element as a rounded rectangle with the label "name" above it and "Type xsd:string" below it. A line connects it to a purple rounded rectangle labeled "xsd:string". A callout box below the connection line states: "Built-in primitive type. The string datatype represents character strings in XML."</p>						
Type	xsd:string						
Properties	<table> <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	<code>&lt;xsd:element name="name" type="xsd:string" maxOccurs="1" minOccurs="0" /&gt;</code>						

### Element bundle / version

Namespace	No namespace						
Diagram	<p>The diagram shows the <code>version</code> element as a rounded rectangle with the label "version" above it and "Type xsd:string" below it. A line connects it to a purple rounded rectangle labeled "xsd:string". A callout box below the connection line states: "Built-in primitive type. The string datatype represents character strings in XML."</p>						
Type	xsd:string						
Properties	<table> <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	<code>&lt;xsd:element name="version" type="xsd:string" maxOccurs="1" minOccurs="0" /&gt;</code>						

### Element bundle / display\_artistname

Namespace	No namespace
Diagram	<p>The diagram shows the 'display_artistname' element connected to the 'xsd:string' type. A tooltip indicates: 'Built-in primitive type. The string datatype represents character strings in XML.'</p>
Type	xsd:string
Properties	content: simple minOccurs: 0 maxOccurs: 1
Source	<pre>&lt;xsd:element name="display_artistname" type="xsd:string" maxOccurs="1" minOccurs="0"/&gt;</pre>

### Element bundle / ids

Namespace	No namespace
Diagram	<p>The diagram shows the 'ids' container element with various child elements: grid, upc, isrc, contentauth, labelordernum, amzn, isbn, finetunes, licensor, licensee, and gvl. A tooltip indicates: 'This Element is a container for all IDs which are available for the associated element.'</p>
Type	ids
Properties	content: complex
Model	ALL(grid{0,1} upc{0,1} isrc{0,1} contentauth{0,1} labelordernum{0,1} amzn{0,1} isbn{0,1} finetunes{0,1} licensor{0,1} licensee{0,1} gvl{0,1})
Children	amzn, contentauth, finetunes, grid, gvl, isbn, isrc, labelordernum, licensee, licensor, upc
Instance	<pre>&lt;ids&gt;   &lt;grid&gt;{0,1}&lt;/grid&gt;   &lt;upc&gt;{0,1}&lt;/upc&gt;   &lt;isrc&gt;{0,1}&lt;/isrc&gt;   &lt;contentauth&gt;{0,1}&lt;/contentauth&gt;   &lt;labelordernum&gt;{0,1}&lt;/labelordernum&gt;   &lt;amzn&gt;{0,1}&lt;/amzn&gt;   &lt;isbn&gt;{0,1}&lt;/isbn&gt;   &lt;finetunes&gt;{0,1}&lt;/finetunes&gt;   &lt;licensor&gt;{0,1}&lt;/licensor&gt;</pre>

	<pre>&lt;licensee&gt;{0,1}&lt;/licensee&gt; &lt;gvl&gt;{0,1}&lt;/gvl&gt; &lt;/ids&gt;</pre>
Source	<code>&lt;xsd:element name="ids" type="ids"/&gt;</code>

### Element **ids / grid**

Namespace	No namespace						
Diagram	<p>The diagram shows an element named 'grid'. Below it, a box labeled 'Type' contains 'xsd:string'. A callout bubble points to 'xsd:string' with the text: '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	<code>&lt;xsd:element name="grid" type="xsd:string" maxOccurs="1" minOccurs="0"/&gt;</code>						

### Element **ids / upc**

Namespace	No namespace						
Diagram	<p>The diagram shows an element named 'upc'. Below it, a box labeled 'Type' contains 'upc'. A self-referencing association loop is shown between 'upc' and 'upc'.</p>						
Type	upc						
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						
Facets	pattern <code>(\d{10,13})?</code>						
Source	<code>&lt;xsd:element name="upc" type="upc" maxOccurs="1" minOccurs="0"/&gt;</code>						

### Element **ids / isrc**

Namespace	No namespace						
Diagram	<p>The diagram shows an element named 'isrc'. Below it, a box labeled 'Type' contains 'isrc'. A self-referencing association loop is shown between 'isrc' and 'isrc'.</p>						
Type	isrc						
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						
Facets	pattern <code>(/[a-zA-Z]{2}\- [0-9a-zA-Z]{3}\- \d{2}\- \d{5})?</code>						
Source	<code>&lt;xsd:element name="isrc" type="isrc" maxOccurs="1" minOccurs="0"/&gt;</code>						

### Element **ids / contentauth**

Namespace	No namespace		
Diagram	<p>The diagram shows an element named 'contentauth'. Below it, a box labeled 'Type' contains 'xsd:string'. A callout bubble points to 'xsd:string' with the text: '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> </table>	content:	simple
content:	simple		

	minOccurs: 0
	maxOccurs: 1
Source	<xsd:element name="contentauth" type="xsd:string" maxOccurs="1" minOccurs="0" />

### Element ids / labelordernum

Namespace	No namespace
Diagram	
Type	xsd:string
Properties	content: simple minOccurs: 0 maxOccurs: 1
Source	<xsd:element name="labelordernum" type="xsd:string" maxOccurs="1" minOccurs="0" />

### Element ids / amzn

Namespace	No namespace
Diagram	
Type	xsd:string
Properties	content: simple minOccurs: 0 maxOccurs: 1
Source	<xsd:element name="amzn" type="xsd:string" maxOccurs="1" minOccurs="0" />

### Element ids / isbn

Namespace	No namespace
Diagram	
Type	xsd:string
Properties	content: simple minOccurs: 0 maxOccurs: 1
Source	<xsd:element name="isbn" type="xsd:string" maxOccurs="1" minOccurs="0" />

### Element ids / finetunes

Namespace	No namespace
Diagram	
Type	finetunes
Properties	content: simple minOccurs: 0 maxOccurs: 1

Facets	pattern	(\d{13})?
Source		<xsd:element name="finetunes" type="finetunes" maxOccurs="1" minOccurs="0" />

### Element ids / licensor

Namespace	No namespace						
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	<xsd:element name="licensor" type="xsd:string" maxOccurs="1" minOccurs="0" />						

### Element ids / licensee

Namespace	No namespace						
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	<xsd:element name="licensee" type="xsd:string" maxOccurs="1" minOccurs="0" />						

### Element ids / gvl

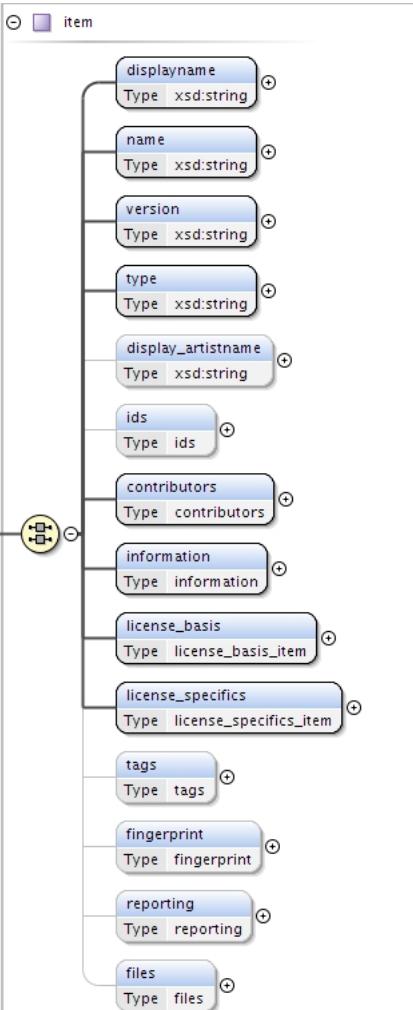
Namespace	No namespace						
Diagram							
Type	xsd:string						
Properties	<table border="1"> <tr> <td>content:</td> <td>simple</td> </tr> <tr> <td>minOccurs:</td> <td>0</td> </tr> <tr> <td>maxOccurs:</td> <td>1</td> </tr> </table>	content:	simple	minOccurs:	0	maxOccurs:	1
content:	simple						
minOccurs:	0						
maxOccurs:	1						
Source	<xsd:element name="gvl" type="xsd:string" maxOccurs="1" minOccurs="0" />						

### Element bundle / items

Namespace	No namespace		
Diagram			
Type	items		
Properties	<table border="1"> <tr> <td>content:</td> <td>complex</td> </tr> </table>	content:	complex
content:	complex		

	minOccurs: 0
	maxOccurs: 1
Model	item+
Children	item
Instance	<items> <item>{1,unbounded}</item> </items>
Source	<xsd:element name="items" type="items" maxOccurs="1" minOccurs="0"/>

## Element items / item

Namespace	No namespace						
Diagram	 <p>This element contains information about a item just like a track. The type describes what the item is e.g. audio,...</p>						
Type	item						
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	ALL(displayname name version type display_artistname{0,1} ids{0,1} contributors information license_basis license_specifics tags{0,1} fingerprint{0,1} reporting{0,1} files{0,1})						
Children	contributors, display_artistname, displayname, files, fingerprint, ids, information, license_basis, license_specifics, name, reporting, tags, type, version						
Instance	<pre>&lt;item&gt;     &lt;displayname&gt;{1,1}&lt;/displayname&gt;     &lt;name&gt;{1,1}&lt;/name&gt;</pre>						

```

<version>{1,1}</version>
<type>{1,1}</type>
<display_artistname>{0,1}</display_artistname>
<ids>{0,1}</ids>
<contributors>{1,1}</contributors>
<information>{1,1}</information>
<license_basis>{1,1}</license_basis>
<license_specifics>{1,1}</license_specifics>
<tags>{0,1}</tags>
<fingerprint>{0,1}</fingerprint>
<reporting>{0,1}</reporting>
<files>{0,1}</files>
</item>

```

Source `<xsd:element name="item" type="item" maxOccurs="unbounded" minOccurs="1"/>`

### Element item / displayname

Namespace	No namespace
Diagram	<p>The diagram shows a box labeled "displayname" with a "Type" label below it, connected by a line to a box labeled "xsd:string". A callout bubble next to "xsd:string" states: "Built-in primitive type. The string datatype represents character strings in XML."</p>
Type	xsd:string
Properties	content: simple
Source	<code>&lt;xsd:element name="displayname" type="xsd:string"/&gt;</code>

### Element item / name

Namespace	No namespace
Diagram	<p>The diagram shows a box labeled "name" with a "Type" label below it, connected by a line to a box labeled "xsd:string". A callout bubble next to "xsd:string" states: "Built-in primitive type. The string datatype represents character strings in XML."</p>
Type	xsd:string
Properties	content: simple
Source	<code>&lt;xsd:element name="name" type="xsd:string"/&gt;</code>

### Element item / version

Namespace	No namespace
Diagram	<p>The diagram shows a box labeled "version" with a "Type" label below it, connected by a line to a box labeled "xsd:string". A callout bubble next to "xsd:string" states: "Built-in primitive type. The string datatype represents character strings in XML."</p>
Type	xsd:string
Properties	content: simple
Source	<code>&lt;xsd:element name="version" type="xsd:string"/&gt;</code>

### Element item / type

Namespace	No namespace
Diagram	<p>The diagram shows a box labeled "type" with a "Type" label below it, connected by a line to a box labeled "xsd:string". A callout bubble next to "xsd:string" states: "Built-in primitive type. The string datatype represents character strings in XML."</p>
Type	xsd:string
Properties	content: simple
Source	<code>&lt;xsd:element name="type" type="xsd:string"/&gt;</code>

## Element item / display\_artistname

Namespace	No namespace
Diagram	
Type	xsd:string
Properties	content: simple minOccurs: 0 maxOccurs: 1
Source	<pre>&lt;xsd:element name="display_artistname" type="xsd:string" maxOccurs="1" minOccurs="0"/&gt;</pre>

## Element item / ids

Namespace	No namespace
Diagram	
Type	ids
Properties	content: complex minOccurs: 0 maxOccurs: 1
Model	ALL(grid{0,1} upc{0,1} isrc{0,1} contentauth{0,1} labelordernum{0,1} amzn{0,1} isbn{0,1} finetunes{0,1} licensor{0,1} licensee{0,1} gvl{0,1})
Children	amzn, contentauth, finetunes, grid, gvl, isbn, isrc, labelordernum, licensee, licensor, upc
Instance	<pre>&lt;ids&gt;   &lt;grid&gt;{0,1}&lt;/grid&gt;   &lt;upc&gt;{0,1}&lt;/upc&gt;   &lt;isrc&gt;{0,1}&lt;/isrc&gt;   &lt;contentauth&gt;{0,1}&lt;/contentauth&gt;   &lt;labelordernum&gt;{0,1}&lt;/labelordernum&gt;</pre>

	<pre> &lt;amzn&gt;{0,1}&lt;/amzn&gt; &lt;isbn&gt;{0,1}&lt;/isbn&gt; &lt;finetunes&gt;{0,1}&lt;/finetunes&gt; &lt;licensor&gt;{0,1}&lt;/licensor&gt; &lt;licensee&gt;{0,1}&lt;/licensee&gt; &lt;gv1&gt;{0,1}&lt;/gv1&gt; &lt;/ids&gt; </pre>
Source	<pre>&lt;xsd:element name="ids" type="ids" maxOccurs="1" minOccurs="0"/&gt;</pre>

## Element item / contributors

Namespace	No namespace
Diagram	
Type	contributors
Properties	content: complex
Model	contributor*
Children	contributor
Instance	<pre> &lt;contributors&gt;   &lt;contributor num=""&gt;{0,unbounded}&lt;/contributor&gt; &lt;/contributors&gt; </pre>
Source	<pre>&lt;xsd:element name="contributors" type="contributors" /&gt;</pre>

## Element contributors / contributor

Namespace	No namespace
Diagram	
Type	contributor
Properties	<p>content: complex</p> <p>minOccurs: 0</p> <p>maxOccurs: unbounded</p>
Model	ALL(name type year{0,1} ids www{0,1})
Children	ids, name, type, www, year
Instance	<pre> &lt;contributor num=""&gt;   &lt;name&gt;{1,1}&lt;/name&gt;   &lt;type&gt;{1,1}&lt;/type&gt;   &lt;year&gt;{0,1}&lt;/year&gt; </pre>

	<ids>{1,1}</ids> <www>{0,1}</www> </contributor>				
Attributes	QName	Type	Fixed	Default	Use
	<b>num</b>	xsd:integer			optional
Source	<xsd:element name="contributor" type="contributor" maxOccurs="unbounded" minOccurs="0" />				

### Element contributor / name

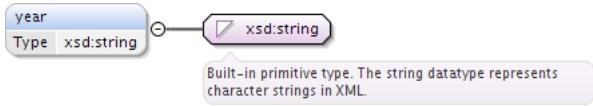
Namespace	No namespace
Diagram	<pre> classDiagram     class name {         &lt;&lt;xsd:string&gt;&gt;     }     class xsdstring {         &lt;&lt;Built-in primitive type. The string datatype represents character strings in XML.&gt;&gt;     }     name "○" -- "○" xsdstring   </pre>
Type	xsd:string
Properties	content: simple
Source	<xsd:element name="name" type="xsd:string" />

### Element contributor / type

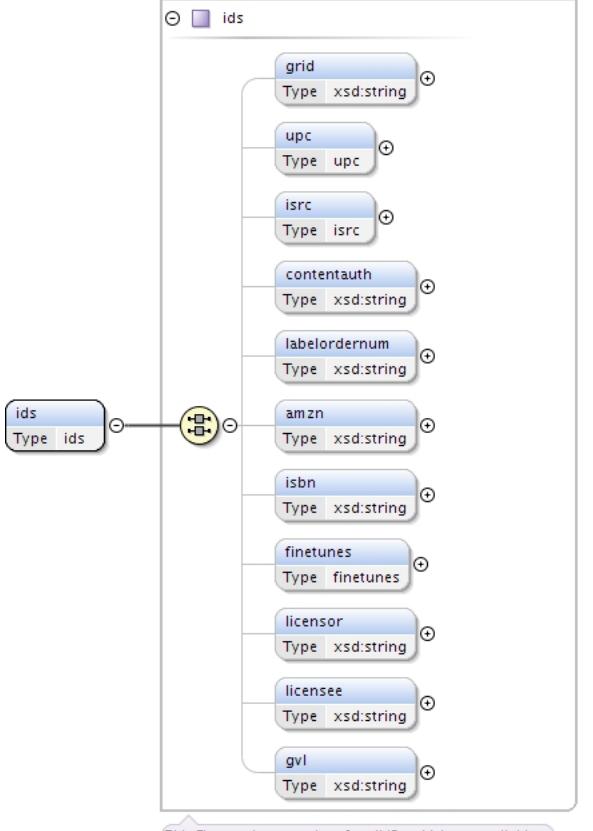
Namespace	No namespace
Diagram	<pre> classDiagram     class type {         &lt;&lt;contributorType&gt;&gt;     }     class contributorType {         &lt;&lt;Built-in primitive type. The string datatype represents character strings in XML.&gt;&gt;     }     type "○" -- "○" contributorType   </pre>
Type	contributorType
Properties	content: simple
Facets	enumeration label enumeration performer enumeration texter enumeration editor enumeration conductor enumeration display_artist enumeration singer enumeration composer enumeration mixer enumeration remixer enumeration producer enumeration featuring enumeration with enumeration DJ enumeration versus enumeration meets enumeration presents enumeration compilator enumeration copyright enumeration production enumeration publisher enumeration clearinghouse
Source	<xsd:element name="type" type="contributorType" />

### Element contributor / year

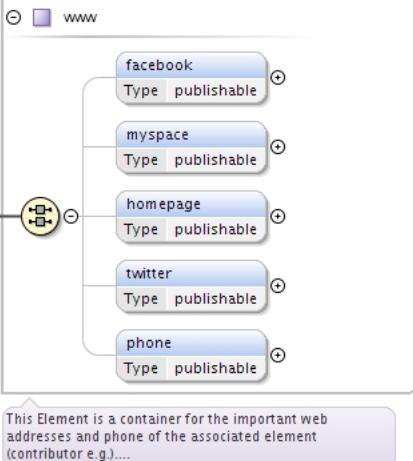
Namespace	No namespace
-----------	--------------

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	<xsd:element name="year" type="xsd:string" maxOccurs="1" minOccurs="0" />						

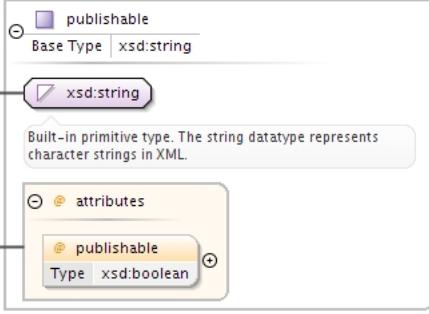
### Element contributor / ids

Namespace	No namespace
Diagram	 <p>This Element is a container for all IDs which are available for the associated element.</p>
Type	ids
Properties	content: complex
Model	ALL(grid{0,1} upc{0,1} isrc{0,1} contentauth{0,1} labelordernum{0,1} amzn{0,1} isbn{0,1} finetunes{0,1} licensor{0,1} licensee{0,1} gvl{0,1})
Children	amzn, contentauth, finetunes, grid, gvl, isbn, isrc, labelordernum, licensee, licensor, upc
Instance	<pre> &lt;ids&gt;   &lt;grid&gt;{0,1}&lt;/grid&gt;   &lt;upc&gt;{0,1}&lt;/upc&gt;   &lt;isrc&gt;{0,1}&lt;/isrc&gt;   &lt;contentauth&gt;{0,1}&lt;/contentauth&gt;   &lt;labelordernum&gt;{0,1}&lt;/labelordernum&gt;   &lt;amzn&gt;{0,1}&lt;/amzn&gt;   &lt;isbn&gt;{0,1}&lt;/isbn&gt;   &lt;finetunes&gt;{0,1}&lt;/finetunes&gt;   &lt;licensor&gt;{0,1}&lt;/licensor&gt;   &lt;licensee&gt;{0,1}&lt;/licensee&gt;   &lt;gvl&gt;{0,1}&lt;/gvl&gt; &lt;/ids&gt; </pre>
Source	<xsd:element name="ids" type="ids" />

## Element contributor / www

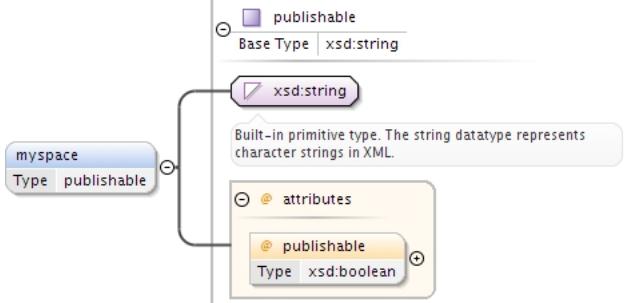
Namespace	No namespace						
Diagram	 <p>This Element is a container for the important web addresses and phone of the associated element (contributor e.g.)....</p>						
Type	www						
Properties	<table border="1"> <tr> <td>content:</td> <td>complex</td> </tr> <tr> <td>minOccurs:</td> <td>0</td> </tr> <tr> <td>maxOccurs:</td> <td>1</td> </tr> </table>	content:	complex	minOccurs:	0	maxOccurs:	1
content:	complex						
minOccurs:	0						
maxOccurs:	1						
Model	ALL/facebook{0,1} myspace{0,1} homepage{0,1} twitter{0,1} phone{0,1})						
Children	facebook, homepage, myspace, phone, twitter						
Instance	<pre>&lt;www&gt;   &lt;facebook publishable=""&gt;{0,1}&lt;/facebook&gt;   &lt;myspace publishable=""&gt;{0,1}&lt;/myspace&gt;   &lt;homepage publishable=""&gt;{0,1}&lt;/homepage&gt;   &lt;twitter publishable=""&gt;{0,1}&lt;/twitter&gt;   &lt;phone publishable=""&gt;{0,1}&lt;/phone&gt; &lt;/www&gt;</pre>						
Source	<code>&lt;xsd:element name="www" type="www" maxOccurs="1" minOccurs="0" /&gt;</code>						

## Element www / facebook

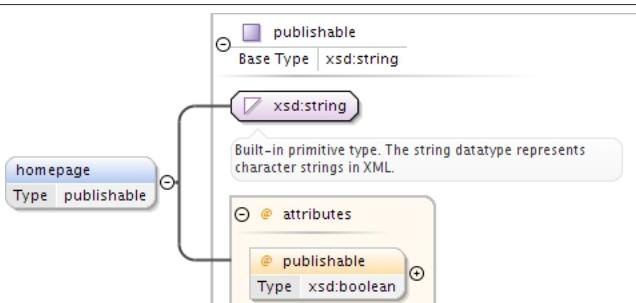
Namespace	No namespace										
Diagram	 <p>Built-in primitive type. The string datatype represents character strings in XML.</p> <p>attributes</p> <p>publishable</p>										
Type	publishable										
Properties	<table border="1"> <tr> <td>content:</td> <td>complex</td> </tr> <tr> <td>minOccurs:</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>publishable</td> <td>xsd:boolean</td> <td></td> <td></td> <td>optional</td> </tr> </tbody> </table>	QName	Type	Fixed	Default	Use	publishable	xsd:boolean			optional
QName	Type	Fixed	Default	Use							
publishable	xsd:boolean			optional							
Source	<code>&lt;xsd:element name="facebook" type="publishable" maxOccurs="1" minOccurs="0" /&gt;</code>										

## Element www / myspace

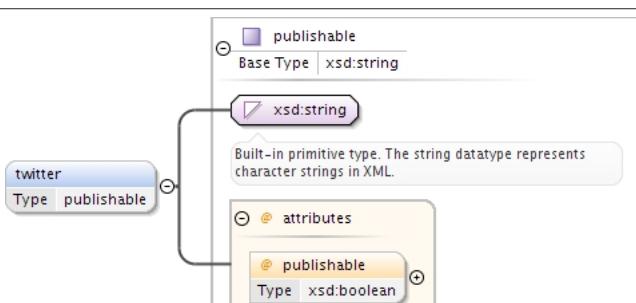
Namespace	No namespace
-----------	--------------

Diagram											
Type	publishable										
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				
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QName	Type	Fixed	Default	Use							
publishable	xsd:boolean			optional							
Source	<xsd:element name="myspace" type="publishable" maxOccurs="1" minOccurs="0" />										

### Element www / homepage

Namespace	No namespace										
Diagram											
Type	publishable										
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				
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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>publishable</td><td>xsd:boolean</td><td></td><td></td><td>optional</td></tr> </tbody> </table>	QName	Type	Fixed	Default	Use	publishable	xsd:boolean			optional
QName	Type	Fixed	Default	Use							
publishable	xsd:boolean			optional							
Source	<xsd:element name="homepage" type="publishable" maxOccurs="1" minOccurs="0" />										

### Element www / twitter

Namespace	No namespace
Diagram	
Type	publishable

Properties	content: complex minOccurs: 0 maxOccurs: 1				
Attributes	QName	Type	Fixed	Default	Use
	publishable	xsd:boolean			optional
Source	<xsd:element name="twitter" type="publishable" maxOccurs="1" minOccurs="0" />				

## Element www / phone

Namespace	No namespace										
Diagram	<pre> classDiagram     class phone {         &lt;&lt;publishable&gt;&gt;     }     class publishable {         &lt;&lt;xsd:string&gt;&gt;         &lt;&lt;Built-in primitive type. The string datatype represents character strings in XML.&gt;&gt;         &lt;&lt;attributes&gt;&gt;         attribute publishable {             &lt;&lt;xsd:boolean&gt;&gt;         }     }     phone &lt; -- publishable   </pre>										
Type	publishable										
Properties	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>publishable</td><td>xsd:boolean</td><td></td><td></td><td>optional</td></tr> </tbody> </table>	QName	Type	Fixed	Default	Use	publishable	xsd:boolean			optional
QName	Type	Fixed	Default	Use							
publishable	xsd:boolean			optional							
Source	<xsd:element name="phone" type="publishable" maxOccurs="1" minOccurs="0" />										

## Element item / information

Namespace	No namespace
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Diagram	<pre> classDiagram     class information {         texts         physical_release_datetime         digital_release_datetime         playlength         num         setnum         suggested_prelistening_offset         origin_country         main_language         related     }     information &lt; -- information   </pre> <p>This element contains important data for an item/file. Multilingual promotexts ans teasertexts, dates of physical and...</p>
Type	information
Properties	content: complex
Model	ALL(texts{0,1} physical_release_datetime digital_release_datetime playlength{0,1} num{0,1} setnum{0,1} suggested_prelistening_offset{0,1} origin_country{0,1} main_language{0,1} related{0,1})
Children	digital_release_datetime, main_language, num, origin_country, physical_release_datetime, playlength, related, setnum, suggested_prelistening_offset, texts
Instance	<pre> &lt;information&gt;   &lt;texts&gt;{0,1}&lt;/texts&gt;   &lt;physical_release_datetime&gt;{1,1}&lt;/physical_release_datetime&gt;   &lt;digital_release_datetime&gt;{1,1}&lt;/digital_release_datetime&gt;   &lt;playlength&gt;{0,1}&lt;/playlength&gt;   &lt;num&gt;{0,1}&lt;/num&gt;   &lt;setnum&gt;{0,1}&lt;/setnum&gt;   &lt;suggested_prelistening_offset&gt;{0,1}&lt;/suggested_prelistening_offset&gt;   &lt;origin_country&gt;{0,1}&lt;/origin_country&gt;   &lt;main_language&gt;{0,1}&lt;/main_language&gt;   &lt;related&gt;{0,1}&lt;/related&gt; &lt;/information&gt;   </pre>
Source	<xsd:element name="information" type="information" />

### Element information / texts

Namespace	No namespace
Diagram	<pre> classDiagram     class texts {         texts         promotext         teasertext     }     texts &lt; -- texts   </pre> <p>This element contains multilingual promotexts ans teasertexts.</p>
Type	texts
Properties	content: complex

	minOccurs: 0
	maxOccurs: 1
Model	promotext*, teasertext*
Children	promotext, teasertext
Instance	<pre>&lt;texts&gt;   &lt;promotext lang=""&gt;{0,unbounded}&lt;/promotext&gt;   &lt;teasertext lang=""&gt;{0,unbounded}&lt;/teasertext&gt; &lt;/texts&gt;</pre>
Source	<code>&lt;xsd:element name="texts" type="text" maxOccurs="1" minOccurs="0" /&gt;</code>

## Element texts / promotext

Namespace	No namespace										
Diagram	<p>The diagram illustrates the schema definition for the <code>promotext</code> element. It is defined as a complex type (<code>promotext</code>) derived from the built-in primitive type <code>xsd:string</code>. The <code>xsd:string</code> type is described as a "Built-in primitive type. The string datatype represents character strings in XML." The <code>promotext</code> type has one attribute, <code>lang</code>, which is also of type <code>xsd:string</code>.</p>										
Type	<code>promotext</code>										
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				
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QName	Type	Fixed	Default	Use							
<code>lang</code>	<code>xsd:string</code>			optional							
Source	<code>&lt;xsd:element name="promotext" type="promotext" maxOccurs="unbounded" minOccurs="0" /&gt;</code>										

## Element texts / teasertext

Namespace	No namespace										
Diagram	<p>The diagram illustrates the schema definition for the <code>teasertext</code> element. It is defined as a complex type (<code>teasertext</code>) derived from the built-in primitive type <code>xsd:string</code>. The <code>xsd:string</code> type is described as a "Built-in primitive type. The string datatype represents character strings in XML." The <code>teasertext</code> type has one attribute, <code>lang</code>, which is also of type <code>xsd:string</code>.</p>										
Type	<code>teasertext</code>										
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				
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QName	Type	Fixed	Default	Use							
<code>lang</code>	<code>xsd:string</code>			optional							
Source	<code>&lt;xsd:element name="teasertext" type="teasertext" maxOccurs="unbounded" minOccurs="0" /&gt;</code>										

## Element information / physical\_release\_datetime

Namespace	No namespace
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Diagram	
Type	datetimeGMT
Properties	content: simple
Facets	pattern \d{4}-\d{2}-\d{2} \d{2}:\d{2}:\d{2} GMT\ +\d{2}:\d{2}
Source	<xsd:element name="physical_release_datetime" type="datetimeGMT" />

### Element information / digital\_release\_datetime

Namespace	No namespace
Diagram	
Type	datetimeGMT
Properties	content: simple
Facets	pattern \d{4}-\d{2}-\d{2} \d{2}:\d{2}:\d{2} GMT\ +\d{2}:\d{2}
Source	<xsd:element name="digital_release_datetime" type="datetimeGMT" />

### Element information / playlength

Namespace	No namespace
Diagram	 Built-in derived type. The integer datatype is derived from decimal by fixing the value of fractionDigits to be 0. This...
Type	xsd:integer
Properties	content: simple minOccurs: 0 maxOccurs: 1
Source	<xsd:element name="playlength" type="xsd:integer" maxOccurs="1" minOccurs="0" />

### Element information / num

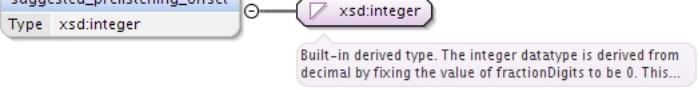
Namespace	No namespace
Diagram	 Built-in derived type. The integer datatype is derived from decimal by fixing the value of fractionDigits to be 0. This...
Type	xsd:integer
Properties	content: simple minOccurs: 0 maxOccurs: 1
Source	<xsd:element name="num" type="xsd:integer" maxOccurs="1" minOccurs="0" />

### Element information / setnum

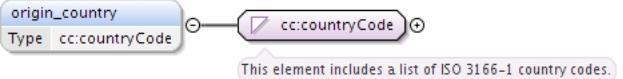
Namespace	No namespace
Diagram	 Built-in derived type. The integer datatype is derived from decimal by fixing the value of fractionDigits to be 0. This...
Type	xsd:integer

Properties	content: simple minOccurs: 0 maxOccurs: 1
Source	<xsd:element name="setnum" type="xsd:integer" maxOccurs="1" minOccurs="0" />

### Element information / suggested\_prelistening\_offset

Namespace	No namespace
Diagram	 <p>The diagram shows the element 'suggested_prelistening_offset' highlighted in blue. A line connects it to the type 'xsd:integer', which is also highlighted in blue. A tooltip below the type says: 'Built-in derived type. The integer datatype is derived from decimal by fixing the value of fractionDigits to be 0. This...'.</p>
Type	xsd:integer
Properties	content: simple minOccurs: 0 maxOccurs: 1
Source	<xsd:element name="suggested_prelistening_offset" type="xsd:integer" maxOccurs="1" minOccurs="0" />

### Element information / origin\_country

Namespace	No namespace																																																																					
Diagram	 <p>The diagram shows the element 'origin_country' highlighted in blue. A line connects it to the type 'cc:countryCode', which is also highlighted in blue. A tooltip below the type says: 'This element includes a list of ISO 3166-1 country codes.'</p>																																																																					
Type	countryCode																																																																					
Properties	content: simple minOccurs: 0 maxOccurs: 1																																																																					
Facets	<table> <tbody> <tr><td>enumeration</td><td>AD</td><td>ANDORRA</td></tr> <tr><td>enumeration</td><td>AE</td><td>UNITED ARAB EMIRATES</td></tr> <tr><td>enumeration</td><td>AF</td><td>AFGHANISTAN</td></tr> <tr><td>enumeration</td><td>AG</td><td>ANTIGUA AND BARBUDA</td></tr> <tr><td>enumeration</td><td>AI</td><td>ANGUILLA</td></tr> <tr><td>enumeration</td><td>AL</td><td>ALBANIA</td></tr> <tr><td>enumeration</td><td>AM</td><td>ARMENIA</td></tr> <tr><td>enumeration</td><td>AN</td><td>NETHERLANDS ANTILLES</td></tr> <tr><td>enumeration</td><td>AO</td><td>ANGOLA</td></tr> <tr><td>enumeration</td><td>AQ</td><td>ANTARCTICA</td></tr> <tr><td>enumeration</td><td>AR</td><td>ARGENTINA</td></tr> <tr><td>enumeration</td><td>AS</td><td>AMERICAN SAMOA</td></tr> <tr><td>enumeration</td><td>AT</td><td>AUSTRIA</td></tr> <tr><td>enumeration</td><td>AU</td><td>AUSTRALIA</td></tr> <tr><td>enumeration</td><td>AW</td><td>ARUBA</td></tr> <tr><td>enumeration</td><td>AX</td><td>ÅLAND ISLANDS</td></tr> <tr><td>enumeration</td><td>AZ</td><td>AZERBAIJAN</td></tr> <tr><td>enumeration</td><td>BA</td><td>BOSNIA AND HERZEGOVINA</td></tr> <tr><td>enumeration</td><td>BB</td><td>BARBADOS</td></tr> <tr><td>enumeration</td><td>BD</td><td>BANGLADESH</td></tr> <tr><td>enumeration</td><td>BE</td><td>BELGIUM</td></tr> <tr><td>enumeration</td><td>BF</td><td>BURKINA FASO</td></tr> <tr><td>enumeration</td><td>BG</td><td>BULGARIA</td></tr> </tbody> </table>	enumeration	AD	ANDORRA	enumeration	AE	UNITED ARAB EMIRATES	enumeration	AF	AFGHANISTAN	enumeration	AG	ANTIGUA AND BARBUDA	enumeration	AI	ANGUILLA	enumeration	AL	ALBANIA	enumeration	AM	ARMENIA	enumeration	AN	NETHERLANDS ANTILLES	enumeration	AO	ANGOLA	enumeration	AQ	ANTARCTICA	enumeration	AR	ARGENTINA	enumeration	AS	AMERICAN SAMOA	enumeration	AT	AUSTRIA	enumeration	AU	AUSTRALIA	enumeration	AW	ARUBA	enumeration	AX	ÅLAND ISLANDS	enumeration	AZ	AZERBAIJAN	enumeration	BA	BOSNIA AND HERZEGOVINA	enumeration	BB	BARBADOS	enumeration	BD	BANGLADESH	enumeration	BE	BELGIUM	enumeration	BF	BURKINA FASO	enumeration	BG	BULGARIA
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enumeration	BH	BAHRAIN
enumeration	BI	BURUNDI
enumeration	BJ	BENIN
enumeration	BL	SAINT BARTH#LEMY
enumeration	BM	BERMUDA
enumeration	BN	BRUNEI DARUSSALAM
enumeration	BO	BOLIVIA
enumeration	BR	BRAZIL
enumeration	BS	BAHAMAS
enumeration	BT	BHUTAN
enumeration	BV	BOUVET ISLAND
enumeration	BW	BOTSWANA
enumeration	BY	BELARUS
enumeration	BZ	BELIZE
enumeration	CA	CANADA
enumeration	CC	COCOS (KEELING) ISLANDS
enumeration	CD	CONGO, THE DEMOCRATIC REPUBLIC OF THE
enumeration	CF	CENTRAL AFRICAN REPUBLIC
enumeration	CG	CONGO
enumeration	CH	SWITZERLAND
enumeration	CI	COTE D'IVOIRE
enumeration	CK	COOK ISLANDS
enumeration	CL	CHILE
enumeration	CM	CAMEROON
enumeration	CN	CHINA
enumeration	CO	COLOMBIA
enumeration	CR	COSTA RICA
enumeration	CU	CUBA
enumeration	CV	CAPE VERDE
enumeration	CX	CHRISTMAS ISLAND
enumeration	CY	CYPRUS
enumeration	CZ	CZECH REPUBLIC
enumeration	DE	GERMANY
enumeration	DJ	DJIBOUTI
enumeration	DK	DENMARK
enumeration	DM	DOMINICA
enumeration	DO	DOMINICAN REPUBLIC
enumeration	DZ	ALGERIA
enumeration	EC	ECUADOR
enumeration	EE	ESTONIA
enumeration	EG	EGYPT
enumeration	EH	WESTERN SAHARA
enumeration	ER	ERITREA
enumeration	ES	SPAIN
enumeration	ET	ETHIOPIA
enumeration	FI	FINLAND
enumeration	FJ	FIJI
enumeration	FK	FALKLAND ISLANDS (MALVINAS)
enumeration	FM	MICRONESIA, FEDERATED STATES OF

enumeration	FO	FAROE ISLANDS
enumeration	FR	FRANCE
enumeration	GA	GABON
enumeration	GB	UNITED KINGDOM
enumeration	GD	GRENADA
enumeration	GE	GEORGIA
enumeration	GF	FRENCH GUIANA
enumeration	GG	GUERNSEY
enumeration	GH	GHANA
enumeration	GI	GIBRALTAR
enumeration	GL	GREENLAND
enumeration	GM	GAMBIA
enumeration	GN	GUINEA
enumeration	GP	GUADELOUPE
enumeration	GQ	EQUATORIAL GUINEA
enumeration	GR	GREECE
enumeration	GS	SOUTH GEORGIA AND THE SOUTH SANDWICH ISLANDS
enumeration	GT	GUATEMALA
enumeration	GU	GUAM
enumeration	GW	GUINEA-BISSAU
enumeration	GY	GUYANA
enumeration	HK	HONG KONG
enumeration	HM	HEARD ISLAND AND MCDONALD ISLANDS
enumeration	HN	HONDURAS
enumeration	HR	CROATIA
enumeration	HT	HAITI
enumeration	HU	HUNGARY
enumeration	ID	INDONESIA
enumeration	IE	IRELAND
enumeration	IL	ISRAEL
enumeration	IM	ISLE OF MAN
enumeration	IN	INDIA
enumeration	IO	BRITISH INDIAN OCEAN TERRITORY
enumeration	IQ	IRAQ
enumeration	IR	IRAN, ISLAMIC REPUBLIC OF
enumeration	IS	ICELAND
enumeration	IT	ITALY
enumeration	JE	JERSEY
enumeration	JM	JAMAICA
enumeration	JO	JORDAN
enumeration	JP	JAPAN
enumeration	KE	KENYA
enumeration	KG	KYRGYZSTAN
enumeration	KH	CAMBODIA
enumeration	KI	KIRIBATI
enumeration	KM	COMOROS
enumeration	KN	SAINT KITTS AND NEVIS
enumeration	KP	KOREA, DEMOCRATIC PEOPLE'S REPUBLIC OF
enumeration	KR	KOREA, REPUBLIC OF

enumeration	KW	KUWAIT
enumeration	KY	CAYMAN ISLANDS
enumeration	KZ	KAZAKHSTAN
enumeration	LA	LAO PEOPLE'S DEMOCRATIC REPUBLIC
enumeration	LB	LEBANON
enumeration	LC	SAINT LUCIA
enumeration	LI	LIECHTENSTEIN
enumeration	LK	SRI LANKA
enumeration	LR	LIBERIA
enumeration	LS	LESOTHO
enumeration	LT	LITHUANIA
enumeration	LU	LUXEMBOURG
enumeration	LV	LATVIA
enumeration	LY	LIBYAN ARAB JAMAHIRIYA
enumeration	MA	MOROCCO
enumeration	MC	MONACO
enumeration	MD	MOLDOVA, REPUBLIC OF
enumeration	ME	MONTENEGRO
enumeration	MF	SAINT MARTIN (FRENCH PART)
enumeration	MG	MADAGASCAR
enumeration	MH	MARSHALL ISLANDS
enumeration	MK	MACEDONIA, THE FORMER YUGOSLAV REPUBLIC OF
enumeration	ML	MALI
enumeration	MM	MYANMAR
enumeration	MN	MONGOLIA
enumeration	MO	MACAO
enumeration	MP	NORTHERN MARIANA ISLANDS
enumeration	MQ	MARTINIQUE
enumeration	MR	MAURITANIA
enumeration	MS	MONTSERRAT
enumeration	MT	MALTA
enumeration	MU	MAURITIUS
enumeration	MV	MALDIVES
enumeration	MW	MALAWI
enumeration	MX	MEXICO
enumeration	MY	MALAYSIA
enumeration	MZ	MOZAMBIQUE
enumeration	NA	NAMIBIA
enumeration	NC	NEW CALEDONIA
enumeration	NE	NIGER
enumeration	NF	NORFOLK ISLAND
enumeration	NG	NIGERIA
enumeration	NI	NICARAGUA
enumeration	NL	NETHERLANDS
enumeration	NO	NORWAY
enumeration	NP	NEPAL
enumeration	NR	NAURU
enumeration	NU	NIUE
enumeration	NZ	NEW ZEALAND

enumeration	OM	OMAN
enumeration	PA	PANAMA
enumeration	PE	PERU
enumeration	PF	FRENCH POLYNESIA
enumeration	PG	PAPUA NEW GUINEA
enumeration	PH	PHILIPPINES
enumeration	PK	PAKISTAN
enumeration	PL	POLAND
enumeration	PM	SAINT PIERRE AND MIQUELON
enumeration	PN	PITCAIRN
enumeration	PR	PUERTO RICO
enumeration	PS	PALESTINIAN TERRITORY, OCCUPIED
enumeration	PT	PORTUGAL
enumeration	PW	PALAU
enumeration	PY	PARAGUAY
enumeration	QA	QATAR
enumeration	RE	REUNION
enumeration	RO	ROMANIA
enumeration	RS	SERBIA
enumeration	RU	RUSSIAN FEDERATION
enumeration	RW	RWANDA
enumeration	SA	SAUDI ARABIA
enumeration	SB	SOLOMON ISLANDS
enumeration	SC	SEYCHELLES
enumeration	SD	SUDAN
enumeration	SE	SWEDEN
enumeration	SG	SINGAPORE
enumeration	SH	SAINT HELENA
enumeration	SI	SLOVENIA
enumeration	SJ	SVALBARD AND JAN MAYEN
enumeration	SK	SLOVAKIA
enumeration	SL	SIERRA LEONE
enumeration	SM	SAN MARINO
enumeration	SN	SENEGAL
enumeration	SO	SOMALIA
enumeration	SR	SURINAME
enumeration	ST	SAO TOME AND PRINCIPE
enumeration	SV	EL SALVADOR
enumeration	SY	SYRIAN ARAB REPUBLIC
enumeration	SZ	SWAZILAND
enumeration	TC	TURKS AND CAICOS ISLANDS
enumeration	TD	CHAD
enumeration	TF	FRENCH SOUTHERN TERRITORIES
enumeration	TG	TOGO
enumeration	TH	THAILAND
enumeration	TJ	TAJIKISTAN
enumeration	TK	TOKELAU
enumeration	TL	TIMOR-LESTE
enumeration	TM	TURKMENISTAN

enumeration	TN	TUNISIA
enumeration	TO	TONGA
enumeration	TR	TURKEY
enumeration	TT	TRINIDAD AND TOBAGO
enumeration	TV	TUVALU
enumeration	TW	TAIWAN, PROVINCE OF CHINA
enumeration	TZ	TANZANIA, UNITED REPUBLIC OF
enumeration	UA	UKRAINE
enumeration	UG	UGANDA
enumeration	UM	UNITED STATES MINOR OUTLYING ISLANDS
enumeration	US	UNITED STATES
enumeration	UY	URUGUAY
enumeration	UZ	UZBEKISTAN
enumeration	VA	HOLY SEE (VATICAN CITY STATE)
enumeration	VC	SAINT VINCENT AND THE GRENADINES
enumeration	VE	VENEZUELA, PLURINATIONAL STATE OF
enumeration	VG	VIRGIN ISLANDS, BRITISH
enumeration	VI	VIRGIN ISLANDS, U.S.
enumeration	VN	VIET NAM
enumeration	VU	VANUATU
enumeration	WF	WALLIS AND FUTUNA
enumeration	WS	SAMOA
enumeration	WW	WORLD WIDE
enumeration	YE	YEMEN
enumeration	YT	MAYOTTE
enumeration	ZA	SOUTH AFRICA
enumeration	ZM	ZAMBIA
enumeration	ZW	ZIMBABWE
Source	<xsd:element name="origin_country" type="cc:countryCode" maxOccurs="1" minOccurs="0" />	

### Element information / main\_language

Namespace	No namespace	
Diagram		
Type	language	
Properties	content: simple minOccurs: 0 maxOccurs: 1	
Facets	enumeration aa Afar enumeration ab Abkhazian enumeration af Afrikaans enumeration am Amharic enumeration ar Arabic enumeration as Assamese enumeration ay Aymara enumeration az Azerbaijani enumeration ba Bashkir enumeration be Byelorussian	

enumeration	bg	Bulgarian
enumeration	bh	Bihari
enumeration	bi	Bislama
enumeration	bn	Bengali; Bangla
enumeration	bo	Tibetan
enumeration	br	Breton
enumeration	ca	Catalan
enumeration	co	Corsican
enumeration	cs	Czech
enumeration	cy	Welsh
enumeration	da	Danish
enumeration	de	German
enumeration	dz	Bhutani
enumeration	el	Greek
enumeration	en	English
enumeration	eo	Esperanto
enumeration	es	Spanish
enumeration	et	Estonian
enumeration	eu	Basque
enumeration	fa	Persian
enumeration	fi	Finnish
enumeration	fj	Fiji
enumeration	fo	Faroese
enumeration	fr	French
enumeration	fy	Frisian
enumeration	ga	Irish
enumeration	gd	Scots Gaelic
enumeration	gl	Galician
enumeration	gn	Guarani
enumeration	gu	Gujarati
enumeration	ha	Hausa
enumeration	he	Hebrew
enumeration	hi	Hindi
enumeration	hr	Croatian
enumeration	hu	Hungarian
enumeration	hy	Armenian
enumeration	ia	Interlingua
enumeration	id	Indonesian
enumeration	ie	Interlingue
enumeration	ik	Inupiak
enumeration	is	Icelandic
enumeration	it	Italian
enumeration	iu	Inuktitut
enumeration	ja	Japanese
enumeration	jw	Javanese
enumeration	ka	Georgian
enumeration	kk	Kazakh
enumeration	kl	Greenlandic
enumeration	km	Cambodian

enumeration	kn	Kannada
enumeration	ko	Korean
enumeration	ks	Kashmiri
enumeration	ku	Kurdish
enumeration	ky	Kirghiz
enumeration	la	Latin
enumeration	ln	Lingala
enumeration	lo	Laothian
enumeration	lt	Lithuanian
enumeration	lv	Latvian; Lettish
enumeration	mg	Malagasy
enumeration	mi	Maori
enumeration	mk	Macedonian
enumeration	ml	Malayalam
enumeration	mn	Mongolian
enumeration	mo	Moldavian
enumeration	mr	Marathi
enumeration	ms	Malay
enumeration	mt	Maltese
enumeration	my	Burmese
enumeration	na	Nauru
enumeration	ne	Nepali
enumeration	nl	Dutch
enumeration	no	Norwegian
enumeration	oc	Occitan
enumeration	om	(Afan) Oromo
enumeration	or	Oriya
enumeration	pa	Punjabi
enumeration	pl	Polish
enumeration	ps	Pashto, Pushto
enumeration	pt	Portuguese
enumeration	qu	Quechua
enumeration	rm	Rhaeto-Romance
enumeration	rn	Kirundi
enumeration	ro	Romanian
enumeration	ru	Russian
enumeration	rw	Kinyarwanda
enumeration	sa	Sanskrit
enumeration	sd	Sindhi
enumeration	sg	Sangho
enumeration	sh	Serbo-Croatian
enumeration	si	Singhalese
enumeration	sk	Slovak
enumeration	sl	Slovenian
enumeration	sm	Samoan
enumeration	sn	Shona
enumeration	so	Somali
enumeration	sq	Albanian
enumeration	sr	Serbian

enumeration	ss	Siswati
enumeration	st	Sesotho
enumeration	su	Sundanese
enumeration	sv	Swedish
enumeration	sw	Swahili
enumeration	ta	Tamil
enumeration	te	Telugu
enumeration	tg	Tajik
enumeration	th	Thai
enumeration	ti	Tigrinya
enumeration	tk	Turkmen
enumeration	tl	Tagalog
enumeration	tn	Setswana
enumeration	to	Tonga
enumeration	tr	Turkish
enumeration	ts	Tsonga
enumeration	tt	Tatar
enumeration	tw	Twi
enumeration	ug	Uigur
enumeration	uk	Ukrainian
enumeration	ur	Urdu
enumeration	uz	Uzbek
enumeration	vi	Vietnamese
enumeration	vo	Volapuk
enumeration	wo	Wolof
enumeration	xh	Xhosa
enumeration	yi	Yiddish
enumeration	yo	Yoruba
enumeration	za	Zhuang
enumeration	zh	Chinese
enumeration	zu	Zulu
Source	<xsd:element name="main_language" type="l:language" maxOccurs="1" minOccurs="0" />	

## Element information / related

Namespace	No namespace						
Diagram	<pre> classDiagram     class related {         &lt;&lt;related&gt;&gt;         &lt;&lt;Type related&gt;&gt;     }     class physical_distributor {         &lt;&lt;physical_distributor&gt;&gt;         &lt;&lt;Type physical_distributor&gt;&gt;     }     class utube {         &lt;&lt;utube&gt;&gt;         &lt;&lt;Type utube&gt;&gt;     }     class bundle {         &lt;&lt;bundle&gt;&gt;         &lt;&lt;Type bundle&gt;&gt;     }      related "0..∞" -- "0..∞" physical_distributor : "Type physical_distributor"     related "0..∞" -- "0..∞" utube : "Type utube"     related "0..∞" -- "0..∞" bundle : "Type bundle"      note over bundle: This element contains informations of bundles which are related to the bundle of the actual feed. It may includes one...   </pre>						
Type	related						
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	physical_distributor*, utube{0,1}, bundle*
Children	bundle, physical_distributor, utube
Instance	<pre>&lt;related&gt;   &lt;physical_distributor publishable=""&gt;{0,unbounded}&lt;/physical_distributor&gt;   &lt;utube&gt;{0,1}&lt;/utube&gt;   &lt;bundle&gt;{0,unbounded}&lt;/bundle&gt; &lt;/related&gt;</pre>
Source	<xsd:element name="related" type="related" maxOccurs="1" minOccurs="0" />

### Element related / physical\_distributor

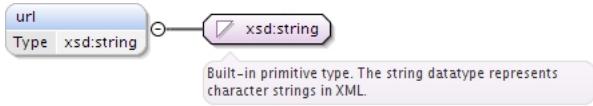
Namespace	No namespace										
Diagram											
Type	physical_distributor										
Properties	<table border="1"> <tr> <td>content:</td> <td>complex</td> </tr> <tr> <td>minOccurs:</td> <td>0</td> </tr> <tr> <td>maxOccurs:</td> <td>unbounded</td> </tr> </table>	content:	complex	minOccurs:	0	maxOccurs:	unbounded				
content:	complex										
minOccurs:	0										
maxOccurs:	unbounded										
Attributes	<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>publishable</td> <td>xsd:boolean</td> <td></td> <td></td> <td>optional</td> </tr> </tbody> </table>	QName	Type	Fixed	Default	Use	publishable	xsd:boolean			optional
QName	Type	Fixed	Default	Use							
publishable	xsd:boolean			optional							
Source	<xsd:element name="physical_distributor" type="physical_distributor" maxOccurs="unbounded" minOccurs="0" />										

### Element related / utube

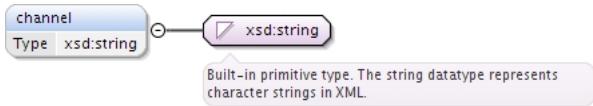
Namespace	No namespace						
Diagram							
Type	utube						
Properties	<table border="1"> <tr> <td>content:</td> <td>complex</td> </tr> <tr> <td>minOccurs:</td> <td>0</td> </tr> <tr> <td>maxOccurs:</td> <td>1</td> </tr> </table>	content:	complex	minOccurs:	0	maxOccurs:	1
content:	complex						
minOccurs:	0						
maxOccurs:	1						
Model	ALL(url{0,1} channel{0,1})						
Children	channel, url						
Instance	<pre>&lt;utube&gt;   &lt;url&gt;{0,1}&lt;/url&gt;   &lt;channel&gt;{0,1}&lt;/channel&gt; &lt;/utube&gt;</pre>						
Source	<xsd:element name="utube" type="utube" maxOccurs="1" minOccurs="0" />						

### Element utube / url

Namespace	No namespace
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Diagram	 A diagram showing a blue rounded rectangle labeled "url" connected by a line to a purple rounded rectangle labeled "xsd:string". A tooltip below the line reads: "Built-in primitive type. The string datatype represents character strings in XML.".						
Type	xsd:string						
Properties	<table> <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	<xsd:element name="url" type="xsd:string" maxOccurs="1" minOccurs="0"/>						

### Element utube / channel

Namespace	No namespace						
Diagram	 A diagram showing a blue rounded rectangle labeled "channel" connected by a line to a purple rounded rectangle labeled "xsd:string". A tooltip below the line reads: "Built-in primitive type. The string datatype represents character strings in XML.".						
Type	xsd:string						
Properties	<table> <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	<xsd:element name="channel" type="xsd:string" maxOccurs="1" minOccurs="0"/>						

### Element related / bundle

Namespace	No namespace
-----------	--------------

Diagram	<p>On bundle level, there are information on how to handle a collection of "items". This is mainly an album/ep/single. A...</p>						
Type	bundle						
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	ALL(displayname{0,1} name{0,1} version{0,1} display_artistname{0,1} ids items{0,1} contributors{0,1} information{0,1} license_basis{0,1} license_specifics{0,1} reporting{0,1} tags{0,1} files{0,1} purchase{0,1})						
Children	contributors, display_artistname, displayname, files, ids, information, items, license_basis, license_specifics, name, purchase, reporting, tags, version						
Instance	<pre style="font-family: monospace; padding: 10px;"> &lt;bundle&gt;   &lt;displayname&gt;{0,1}&lt;/displayname&gt;   &lt;name&gt;{0,1}&lt;/name&gt;   &lt;version&gt;{0,1}&lt;/version&gt;   &lt;display_artistname&gt;{0,1}&lt;/display_artistname&gt;   &lt;ids&gt;{1,1}&lt;/ids&gt;   &lt;items&gt;{0,1}&lt;/items&gt;   &lt;contributors&gt;{0,1}&lt;/contributors&gt;   &lt;information&gt;{0,1}&lt;/information&gt;   &lt;license_basis&gt;{0,1}&lt;/license_basis&gt;   &lt;license_specifics&gt;{0,1}&lt;/license_specifics&gt;   &lt;reporting&gt;{0,1}&lt;/reporting&gt;   &lt;tags&gt;{0,1}&lt;/tags&gt;   &lt;files&gt;{0,1}&lt;/files&gt;   &lt;purchase&gt;{0,1}&lt;/purchase&gt; &lt;/bundle&gt;</pre>						
Source	<xsd:element name="bundle" type="bundle" maxOccurs="unbounded" minOccurs="0" />						

## Element bundle / contributors

Namespace	No namespace
Diagram	
Type	contributors
Properties	content: complex minOccurs: 0 maxOccurs: 1
Model	contributor*
Children	contributor
Instance	<pre>&lt;contributors&gt;   &lt;contributor num=""&gt;{0,unbounded}&lt;/contributor&gt; &lt;/contributors&gt;</pre>
Source	<pre>&lt;xsd:element name="contributors" type="contributors" maxOccurs="1" minOccurs="0" /&gt;</pre>

## Element bundle / information

Namespace	No namespace
Diagram	
Type	information
Properties	content: complex minOccurs: 0 maxOccurs: 1
Model	ALL(texts{0,1} physical_release_datetime digital_release_datetime playlength{0,1} num{0,1} setnum{0,1} suggested_prelistening_offset{0,1} origin_country{0,1} main_language{0,1} related{0,1})
Children	digital_release_datetime, main_language, num, origin_country, physical_release_datetime, playlength, related, setnum, suggested_prelistening_offset, texts

Instance	<pre>&lt;information&gt;   &lt;texts&gt;{0,1}&lt;/texts&gt;   &lt;physical_release_datetime&gt;{1,1}&lt;/physical_release_datetime&gt;   &lt;digital_release_datetime&gt;{1,1}&lt;/digital_release_datetime&gt;   &lt;playlength&gt;{0,1}&lt;/playlength&gt;   &lt;num&gt;{0,1}&lt;/num&gt;   &lt;setnum&gt;{0,1}&lt;/setnum&gt;   &lt;suggested_prelistening_offset&gt;{0,1}&lt;/suggested_prelistening_offset&gt;   &lt;origin_country&gt;{0,1}&lt;/origin_country&gt;   &lt;main_language&gt;{0,1}&lt;/main_language&gt;   &lt;related&gt;{0,1}&lt;/related&gt; &lt;/information&gt;</pre>
Source	<pre>&lt;xsd:element name="information" type="information" maxOccurs="1" minOccurs="0"/&gt;</pre>

## Element bundle / license\_basis

Namespace	No namespace						
Diagram	<pre> classDiagram     class license_basis {         territorial         timeframe         pricing         streaming_allowed         channels     }     territorial &lt; -- license_basis     channels &lt; -- pricing     channels &lt; -- streaming_allowed     channels &lt; -- territorial     channels &lt; -- timeframe   </pre> <p>This element includes the basic rules and information under which this bundle is provided. The optional element...</p>						
Type	license_basis						
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	ALL(territorial{0,1} timeframe{0,1} pricing{0,1} streaming_allowed{0,1} channels{0,1})						
Children	channels, pricing, streaming_allowed, territorial, timeframe						
Instance	<pre>&lt;license_basis&gt;   &lt;territorial&gt;{0,1}&lt;/territorial&gt;   &lt;timeframe&gt;{0,1}&lt;/timeframe&gt;   &lt;pricing&gt;{0,1}&lt;/pricing&gt;   &lt;streaming_allowed&gt;{0,1}&lt;/streaming_allowed&gt;   &lt;channels&gt;{0,1}&lt;/channels&gt; &lt;/license_basis&gt;</pre>						
Source	<pre>&lt;xsd:element name="license_basis" type="license_basis" maxOccurs="1" minOccurs="0"/&gt;</pre>						

## Element license\_basis / territorial

Namespace	No namespace						
Diagram	<pre> classDiagram     class territorial {         &lt;&lt;This Element is a container for territories. There should be a entry for all territories (ISO 3166-1 country code) with...&gt;&gt;         *--&gt; territory     }     territory &lt; -- territorial   </pre>						
Type	territorial						
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	territory*
Children	territory
Instance	<pre>&lt;territorial&gt;   &lt;territory type=""&gt;{0,unbounded}&lt;/territory&gt; &lt;/territorial&gt;</pre>
Source	<pre>&lt;xsd:element name="territorial" type="territorial" maxOccurs="1" minOccurs="0"/&gt;</pre>

### Element territorial / territory

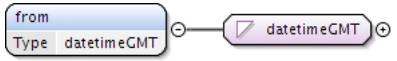
Namespace	No namespace										
Diagram											
Type	territory										
Properties	<table border="1"> <tr> <td>content:</td> <td>complex</td> </tr> <tr> <td>minOccurs:</td> <td>0</td> </tr> <tr> <td>maxOccurs:</td> <td>unbounded</td> </tr> </table>	content:	complex	minOccurs:	0	maxOccurs:	unbounded				
content:	complex										
minOccurs:	0										
maxOccurs:	unbounded										
Attributes	<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>type</td> <td>allowance</td> <td></td> <td></td> <td>optional</td> </tr> </tbody> </table>	QName	Type	Fixed	Default	Use	type	allowance			optional
QName	Type	Fixed	Default	Use							
type	allowance			optional							
Source	<pre>&lt;xsd:element name="territory" type="territorial" maxOccurs="unbounded" minOccurs="0"/&gt;</pre>										

### Element license\_basis / timeframe

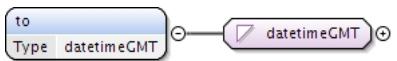
Namespace	No namespace						
Diagram							
Type	timeframe						
Properties	<table border="1"> <tr> <td>content:</td> <td>complex</td> </tr> <tr> <td>minOccurs:</td> <td>0</td> </tr> <tr> <td>maxOccurs:</td> <td>1</td> </tr> </table>	content:	complex	minOccurs:	0	maxOccurs:	1
content:	complex						
minOccurs:	0						
maxOccurs:	1						
Model	from , to						
Children	from, to						
Instance	<pre>&lt;timeframe&gt;   &lt;from&gt;{1,1}&lt;/from&gt;   &lt;to&gt;{1,1}&lt;/to&gt; &lt;/timeframe&gt;</pre>						
Source	<pre>&lt;xsd:element name="timeframe" type="timeframe" maxOccurs="1" minOccurs="0"/&gt;</pre>						

### Element timeframe / from

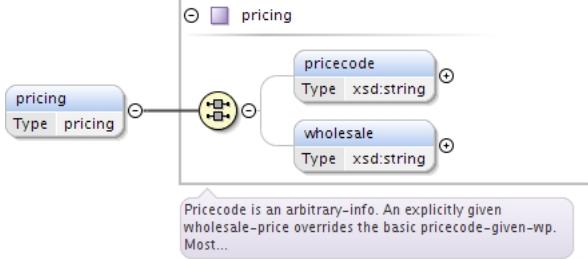
Namespace	No namespace
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Diagram	
Type	datetimeGMT
Properties	content: simple
Facets	pattern $\text{\d\{4\}-\d\{2\}-\d\{2\}}$ $\text{\d\{2\}:\d\{2\}:\d\{2\} GMT\}$ $+\d\{2\}:\d\{2\}$
Source	<xsd:element name="from" type="datetimeGMT" />

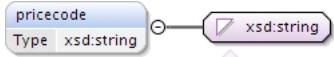
## Element timeframe / to

Namespace	No namespace
Diagram	
Type	datetimeGMT
Properties	content: simple
Facets	pattern $\text{\d\{4\}-\d\{2\}-\d\{2\}}$ $\text{\d\{2\}:\d\{2\}:\d\{2\} GMT\}$ $+\d\{2\}:\d\{2\}$
Source	<xsd:element name="to" type="datetimeGMT" />

## Element license\_basis / pricing

Namespace	No namespace
Diagram	
Type	pricing
Properties	content: complex minOccurs: 0 maxOccurs: 1
Model	ALL(pricecode{0,1} wholesale{0,1})
Children	pricecode, wholesale
Instance	<pricing> <pricecode>{0,1}</pricecode> <wholesale>{0,1}</wholesale> </pricing>
Source	<xsd:element name="pricing" type="pricing" maxOccurs="1" minOccurs="0" />

## Element pricing / pricecode

Namespace	No namespace
Diagram	 A note states: 'Built-in primitive type. The string datatype represents character strings in XML.'
Type	xsd:string
Properties	content: simple

	minOccurs: 0
	maxOccurs: 1
Source	<xsd:element name="pricecode" type="xsd:string" maxOccurs="1" minOccurs="0" />

### Element pricing / wholesale

Namespace	No namespace
Diagram	
Type	xsd:string
Properties	content: simple minOccurs: 0 maxOccurs: 1
Source	<xsd:element name="wholesale" type="xsd:string" maxOccurs="1" minOccurs="0" />

### Element license\_basis / streaming\_allowed

Namespace	No namespace
Diagram	
Type	xsd:boolean
Properties	content: simple minOccurs: 0 maxOccurs: 1
Source	<xsd:element name="streaming_allowed" type="xsd:boolean" maxOccurs="1" minOccurs="0" />

### Element license\_basis / channels

Namespace	No namespace
Diagram	
Type	channels
Properties	content: complex minOccurs: 0 maxOccurs: 1
Model	channel*
Children	channel
Instance	<channels> <channel type="">{0,unbounded}</channel> </channels>
Source	<xsd:element name="channels" type="channels" maxOccurs="1" minOccurs="0" />

### Element channels / channel

Namespace	No namespace
-----------	--------------

Diagram											
Type	channel										
Properties	<p>content: complex</p> <p>minOccurs: 0</p> <p>maxOccurs: unbounded</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>type</td><td>allowance</td><td></td><td></td><td>required</td></tr> </tbody> </table>	QName	Type	Fixed	Default	Use	type	allowance			required
QName	Type	Fixed	Default	Use							
type	allowance			required							
Source	<code>&lt;xsd:element name="channel" type="channel" maxOccurs="unbounded" minOccurs="0" /&gt;</code>										

### Element bundle / license\_specifics

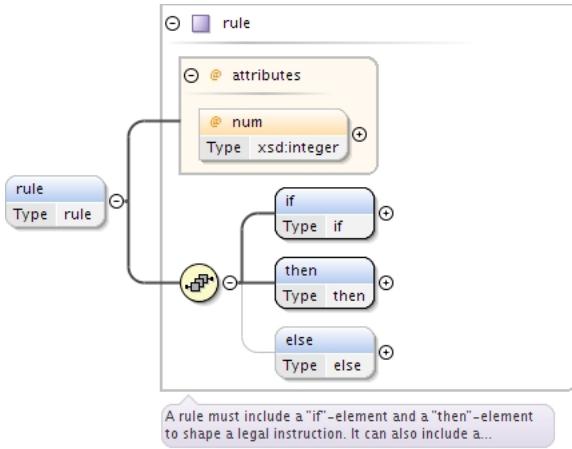
Namespace	No namespace
Diagram	
Type	license_specifics
Properties	<p>content: complex</p> <p>minOccurs: 0</p> <p>maxOccurs: 1</p>
Model	ALL(rules{0,1})
Children	rules
Instance	<code>&lt;license_specifics&gt;   &lt;rules&gt;{0,1}&lt;/rules&gt; &lt;/license_specifics&gt;</code>
Source	<code>&lt;xsd:element name="license_specifics" type="license_specifics" maxOccurs="1"   minOccurs="0" /&gt;</code>

### Element license\_specifics / rules

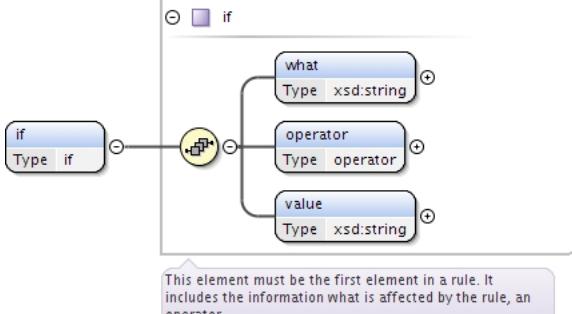
Namespace	No namespace
Diagram	
Type	rules
Properties	<p>content: complex</p> <p>minOccurs: 0</p> <p>maxOccurs: 1</p>

Model	rule*
Children	rule
Instance	<pre>&lt;rules&gt;   &lt;rule num=""&gt;{0,unbounded}&lt;/rule&gt; &lt;/rules&gt;</pre>
Source	<xsd:element name="rules" type="rules" maxOccurs="1" minOccurs="0" />

## Element rules / rule

Namespace	No namespace										
Diagram											
Type	rule										
Properties	content: complex minOccurs: 0 maxOccurs: unbounded										
Model	if , then , else{0,1}										
Children	else, if, then										
Instance	<pre>&lt;rule num=""&gt;   &lt;if&gt;{1,1}&lt;/if&gt;   &lt;then&gt;{1,1}&lt;/then&gt;   &lt;else&gt;{0,1}&lt;/else&gt; &lt;/rule&gt;</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>num</td> <td>xsd:integer</td> <td></td> <td></td> <td>optional</td> </tr> </tbody> </table>	QName	Type	Fixed	Default	Use	num	xsd:integer			optional
QName	Type	Fixed	Default	Use							
num	xsd:integer			optional							
Source	<xsd:element name="rule" type="rule" maxOccurs="unbounded" minOccurs="0" />										

## Element rule / if

Namespace	No namespace
Diagram	
Type	if
Properties	content: complex
Model	what , operator , value

Children	operator, value, what
Instance	<pre>&lt;if&gt;   &lt;what&gt;{1,1}&lt;/what&gt;   &lt;operator&gt;{1,1}&lt;/operator&gt;   &lt;value&gt;{1,1}&lt;/value&gt; &lt;/if&gt;</pre>
Source	<code>&lt;xsd:element name="if" type="if"/&gt;</code>

### Element if / what

Namespace	No namespace
Diagram	<p>The diagram shows a blue rounded rectangle labeled "what" with a small circle to its left, indicating it is a child element. To its right is another blue rounded rectangle labeled "xsd:string" with a small circle to its left, indicating it is the type of "what". A tooltip below the "xsd:string" box states: "Built-in primitive type. The string datatype represents character strings in XML."</p>
Type	xsd:string
Properties	content: simple
Source	<code>&lt;xsd:element name="what" type="xsd:string"/&gt;</code>

### Element if / operator

Namespace	No namespace
Diagram	<p>The diagram shows a blue rounded rectangle labeled "operator" with a small circle to its left, indicating it is a child element. To its right is another blue rounded rectangle labeled "operator" with a small circle to its left, indicating it is the type of "operator".</p>
Type	operator
Properties	content: simple
Facets	enumeration equals enumeration before enumeration after enumeration contains enumeration containedin
Source	<code>&lt;xsd:element name="operator" type="operator"/&gt;</code>

### Element if / value

Namespace	No namespace
Diagram	<p>The diagram shows a blue rounded rectangle labeled "value" with a small circle to its left, indicating it is a child element. To its right is another blue rounded rectangle labeled "xsd:string" with a small circle to its left, indicating it is the type of "value". A tooltip below the "xsd:string" box states: "Built-in primitive type. The string datatype represents character strings in XML."</p>
Type	xsd:string
Properties	content: simple
Source	<code>&lt;xsd:element name="value" type="xsd:string"/&gt;</code>

### Element rule / then

Namespace	No namespace
Diagram	<p>The diagram shows a blue rounded rectangle labeled "then" with a small circle to its left, indicating it is a child element of "rule". Inside a larger rounded rectangle, there are two other elements: "echo" (blue rounded rectangle with a small circle to its left) and "break" (blue rounded rectangle with a small circle to its left). An arrow points from "then" to "echo". A tooltip below "echo" states: "This element must be the second in a rule and includes information 'echo' for debugging output and can include an..."</p>

Type	then
Properties	content: complex
Model	echo{0,1} , break{0,1}
Children	break, echo
Instance	<pre>&lt;then&gt;   &lt;echo&gt;{0,1}&lt;/echo&gt;   &lt;break&gt;{0,1}&lt;/break&gt; &lt;/then&gt;</pre>
Source	<xsd:element name="then" type="then"/>

## Element then / echo

Namespace	No namespace
Diagram	<p>Built-in primitive type. The string datatype represents character strings in XML.</p>
Type	xsd:string
Properties	content: simple minOccurs: 0 maxOccurs: 1
Source	<xsd:element name="echo" type="xsd:string" maxOccurs="1" minOccurs="0"/>

## Element then / break

Namespace	No namespace
Diagram	
Properties	minOccurs: 0 maxOccurs: 1
Source	<xsd:element name="break" maxOccurs="1" minOccurs="0"/>

## Element rule / else

Namespace	No namespace
Diagram	<p>This element is optional. It includes information "proclaim" and can include an element "break" which means to not...</p>
Type	else
Properties	content: complex minOccurs: 0 maxOccurs: 1
Model	proclaim*, break{0,1}
Children	break, proclaim
Instance	<pre>&lt;else&gt;   &lt;proclaim&gt;{0,unbounded}&lt;/proclaim&gt;   &lt;break&gt;{0,1}&lt;/break&gt; &lt;/else&gt;</pre>
Source	<xsd:element name="else" type="else" maxOccurs="1" minOccurs="0"/>

## Element else / proclaim

Namespace	No namespace
Diagram	<pre>     graph TD       proclaim[proclaim] --&gt; what[what]       proclaim --&gt; for[for]       what -- "Type xsd:string" --- xsdString1[xsd:string]       for -- "Type xsd:string" --- xsdString2[xsd:string]   </pre> <p>This element includes the information what is affected and the corresponding value.</p>
Type	proclaim
Properties	content: complex minOccurs: 0 maxOccurs: unbounded
Model	what , for
Children	for, what
Instance	<pre> &lt;proclaim&gt;   &lt;what&gt;{1,1}&lt;/what&gt;   &lt;for&gt;{1,1}&lt;/for&gt; &lt;/proclaim&gt;   </pre>
Source	<pre>&lt;xsd:element name="proclaim" type="proclaim" maxOccurs="unbounded" minOccurs="0" /&gt;</pre>

## Element proclaim / what

Namespace	No namespace
Diagram	<pre>     graph TD       what[what] -- "Type xsd:string" --- xsdString1[xsd:string]   </pre> <p>Built-in primitive type. The string datatype represents character strings in XML.</p>
Type	xsd:string
Properties	content: simple
Source	<pre>&lt;xsd:element name="what" type="xsd:string" /&gt;</pre>

## Element proclaim / for

Namespace	No namespace
Diagram	<pre>     graph TD       for[for] -- "Type xsd:string" --- xsdString1[xsd:string]   </pre> <p>Built-in primitive type. The string datatype represents character strings in XML.</p>
Type	xsd:string
Properties	content: simple
Source	<pre>&lt;xsd:element name="for" type="xsd:string" /&gt;</pre>

## Element else / break

Namespace	No namespace
Diagram	
Properties	minOccurs: 0 maxOccurs: 1
Source	<pre>&lt;xsd:element name="break" maxOccurs="1" minOccurs="0" /&gt;</pre>

## Element bundle / reporting

Namespace	No namespace
Diagram	<pre> graph TD     reporting[reporting] --&gt; realtime[realtime]     reporting --&gt; postponed[postponed]     realtime -- "Type realtime" --- realtime     postponed -- "Type realtime" --- postponed   </pre> <p>This element contains information about reporting.</p>
Type	reporting
Properties	content: complex minOccurs: 0 maxOccurs: 1
Model	ALL(realtime postponed)
Children	postponed, realtime
Instance	<pre> &lt;reporting&gt;   &lt;realtime&gt;{1,1}&lt;/realtime&gt;   &lt;postponed&gt;{1,1}&lt;/postponed&gt; &lt;/reporting&gt;   </pre>
Source	<pre>&lt;xsd:element name="reporting" type="reporting" maxOccurs="1" minOccurs="0" /&gt;</pre>

## Element reporting / realtime

Namespace	No namespace
Diagram	<pre> graph TD     realtime[realtime] --&gt; http[http]     realtime -- "Type realtime" --- realtime     http -- "Type realtime" --- http   </pre> <p>This element contains http information for realtime reporting.</p>
Type	realtime
Properties	content: complex
Model	http
Children	http
Instance	<pre> &lt;realtime&gt;   &lt;http&gt;{1,1}&lt;/http&gt; &lt;/realtime&gt;   </pre>
Source	<pre>&lt;xsd:element name="realtime" type="realtime" /&gt;</pre>

## Element realtime / http

Namespace	No namespace
Diagram	<pre> graph TD     http[http] --&gt; url[url]     http --&gt; type[type]     http --&gt; addheader[addheader]     http --&gt; addparams[addparams]     url -- "Type http" --- url     type -- "Type httpmethods" --- type     addheader -- "Type http_addheader" --- addheader     addparams -- "Type http_addparams" --- addparams   </pre> <p>This element contains information about http-event.</p>

Type	http
Type hierarchy	<ul style="list-style-type: none"> <li>• action</li> <li>• http</li> </ul>
Properties	content: complex
Model	ALL(url type addheader addparams)
Children	addheader, addparams, type, url
Instance	<pre>&lt;http&gt;   &lt;url&gt;{1,1}&lt;/url&gt;   &lt;type&gt;{1,1}&lt;/type&gt;   &lt;addheader&gt;{1,1}&lt;/addheader&gt;   &lt;addparams&gt;{1,1}&lt;/addparams&gt; &lt;/http&gt;</pre>
Source	<code>&lt;xsd:element name="http" type="http"/&gt;</code>

### Element reporting / postponed

Namespace	No namespace
Diagram	
Type	postponed
Properties	content: complex
Model	id
Children	id
Instance	<pre>&lt;postponed&gt;   &lt;id&gt;{1,1}&lt;/id&gt; &lt;/postponed&gt;</pre>
Source	<code>&lt;xsd:element name="postponed" type="postponed"/&gt;</code>

### Element postponed / id

Namespace	No namespace
Diagram	
Type	xsd:string
Properties	content: simple
Source	<code>&lt;xsd:element name="id" type="xsd:string"/&gt;</code>

### Element bundle / tags

Namespace	No namespace
-----------	--------------

Diagram	<pre> classDiagram     class tags {         genres         bundle_only         explicit_lyrics         live         accoustic         instrumental     }     note over tags: This element contains information about genres and more.   </pre>						
Type	tags						
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	ALL(genres{0,1} bundle_only{0,1} explicit_lyrics{0,1} live{0,1} accoustic{0,1} instrumental{0,1})						
Children	accoustic, bundle_only, explicit_lyrics, genres, instrumental, live						
Instance	<pre> &lt;tags&gt;   &lt;genres&gt;{0,1}&lt;/genres&gt;   &lt;bundle_only&gt;{0,1}&lt;/bundle_only&gt;   &lt;explicit_lyrics&gt;{0,1}&lt;/explicit_lyrics&gt;   &lt;live&gt;{0,1}&lt;/live&gt;   &lt;accoustic&gt;{0,1}&lt;/accoustic&gt;   &lt;instrumental&gt;{0,1}&lt;/instrumental&gt; &lt;/tags&gt;   </pre>						
Source	<pre>&lt;xsd:element name="tags" type="tags" maxOccurs="1" minOccurs="0" /&gt;</pre>						

### Element tags / genres

Namespace	No namespace						
Diagram	<pre> classDiagram     class genres {         *genre     }     note over genres: This element contains a list of genres.   </pre>						
Type	genres						
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	genre*						
Children	genre						
Instance	<pre> &lt;genres&gt;   &lt;genre&gt;{0,unbounded}&lt;/genre&gt; &lt;/genres&gt;   </pre>						
Source	<pre>&lt;xsd:element name="genres" type="genres" maxOccurs="1" minOccurs="0" /&gt;</pre>						

### Element genres / genre

Namespace	No namespace
Diagram	<pre> classDiagram     class genre {         *g:genre     }     note over genre: This element includes a list of openSDX-genres.   </pre>

Type	genre
Properties	content: simple minOccurs: 0 maxOccurs: unbounded
Facets	enumeration Rock enumeration Beat enumeration Blues Rock enumeration Rock "n" Roll enumeration Art Rock enumeration Classic Rock enumeration Deutschrock enumeration Emo enumeration Experimental Rock enumeration Glam Rock enumeration Hard Rock enumeration Krautrock enumeration Progressive Rock enumeration Psychedelic Rock enumeration Psychobilly Rock enumeration Rockabilly enumeration Soft Rock enumeration Southern Rock enumeration Surf Rock enumeration Alternative enumeration Crossover enumeration Dark Wave enumeration Garage Rock enumeration Goth / Industrial enumeration Grunge enumeration Hardcore enumeration Indie Rock enumeration New Wave enumeration Punk enumeration Funpunk enumeration Black Metal enumeration Death Metal enumeration Heavy Metal enumeration Power Metal enumeration Thrash / Speed Metal enumeration Doom Metal enumeration Grind Core enumeration Pop enumeration Britpop enumeration Dance Pop enumeration Deutschpop enumeration Disco enumeration Easy Listening enumeration Electropop enumeration Euro Dance

enumeration	Euro Pop
enumeration	French Pop
enumeration	Indie Pop
enumeration	Italo Pop
enumeration	J-Pop
enumeration	K-Pop
enumeration	Neue Deutsche Welle
enumeration	New Age
enumeration	Pop Rock
enumeration	Power Pop
enumeration	Schlager
enumeration	Singer / Songwriter
enumeration	Synthpop
enumeration	Teen Pop
enumeration	Country
enumeration	Alternative Country
enumeration	Bluegrass
enumeration	Contemporary Folk
enumeration	Country Gospel
enumeration	Honky-Tonk
enumeration	Jewish / Yiddish Music
enumeration	Nashville Sound
enumeration	Outlaw / Progressive Country
enumeration	Texas Country
enumeration	Traditional Country
enumeration	Western Swing
enumeration	Folk
enumeration	Americana
enumeration	Folk Rock
enumeration	Irish Folk
enumeration	German Folk
enumeration	Jazz
enumeration	Acid Jazz
enumeration	Avantgarde
enumeration	Bebop
enumeration	Big Band
enumeration	Classic Jazz
enumeration	Cool Jazz
enumeration	Dixieland music
enumeration	Free jazz
enumeration	Hard Bop
enumeration	Jazz Fusion
enumeration	New Orleans Jazz
enumeration	Nu-Jazz
enumeration	Smooth Jazz
enumeration	Swing
enumeration	Vocal Jazz
enumeration	Hip Hop

enumeration	Alternative Hip Hop
enumeration	Crunk
enumeration	Dirty South
enumeration	G-Funk
enumeration	Gangsta Rap
enumeration	Golden Era
enumeration	Grime
enumeration	Hphy
enumeration	Instrumental Hip Hop
enumeration	Miami Bass
enumeration	New School
enumeration	Old School
enumeration	Turntablism
enumeration	US Eastcoast
enumeration	US Midwest
enumeration	US Southern
enumeration	US Westcoast
enumeration	Blues
enumeration	Boogie-Woogie
enumeration	Electric Blues Guitar
enumeration	Modern Blues
enumeration	Regional Blues
enumeration	Traditional Blues
enumeration	Soul
enumeration	Motown Sound
enumeration	Neo Soul
enumeration	Philly Sound
enumeration	Funk
enumeration	R&B
enumeration	Contemporary R&B
enumeration	Doo-wop
enumeration	Electronic
enumeration	Ambient
enumeration	Chill Out
enumeration	Lounge
enumeration	Downbeat
enumeration	Electronica
enumeration	Indie Disco
enumeration	Industrial / EBM
enumeration	Techno
enumeration	Dance
enumeration	Electro
enumeration	Glitch hop
enumeration	House
enumeration	Acid House
enumeration	Deep House
enumeration	Disco House
enumeration	Electro House
enumeration	Fidget House

enumeration	Hard House
enumeration	Progressive House
enumeration	Soulful House
enumeration	Tech House
enumeration	Tribal
enumeration	Vocal House
enumeration	Big Beat
enumeration	Breakbeat
enumeration	Drum "n" Bass
enumeration	Dubstep
enumeration	Garage / UK Funky
enumeration	IDM
enumeration	Trip-Hop
enumeration	Trance
enumeration	Goa Trance
enumeration	Hard Trance
enumeration	Psychedelic Trance
enumeration	Gabba
enumeration	Jumpstyle / Hardstyle
enumeration	Classic
enumeration	12-Tone Composition
enumeration	Baroque
enumeration	Chamber Music
enumeration	Crossover / Popular Classicism
enumeration	Electronic Music / Computer Music
enumeration	Minimal Music
enumeration	Modern, 20th / 21st Century
enumeration	Music and other Media / Arts
enumeration	Music and Word
enumeration	Neo-Romanticism
enumeration	Neoclassicism
enumeration	New Music / Contemporary Music
enumeration	Postmodern Music
enumeration	Renaissance
enumeration	Romantic
enumeration	Serialism
enumeration	Anthem
enumeration	Ballet
enumeration	Cantata
enumeration	Choral
enumeration	Madrigal
enumeration	March
enumeration	Motet
enumeration	Musical
enumeration	Opera Arias
enumeration	Opera Baroque

enumeration	Opera Classical
enumeration	Opera Renaissance
enumeration	Opera Romantic
enumeration	Operetta
enumeration	Oratorio
enumeration	Passion
enumeration	Requiem
enumeration	Sonata
enumeration	Suite
enumeration	Symphonic Music / Orchestral Music
enumeration	Symphony
enumeration	Waltz
enumeration	Brass Ensemble
enumeration	Concerto / Solo Instrument with Orchestra
enumeration	Mixed Ensemble (Strings / Wind)
enumeration	Mixed Wind Ensemble (Woodwind / Brass)
enumeration	Several Solo Instruments
enumeration	Solo Instrument
enumeration	String Ensemble
enumeration	String Orchestra
enumeration	String Quartet
enumeration	String Trio
enumeration	Woodwind Ensemble
enumeration	A cappella
enumeration	Vocal Ensemble
enumeration	Vocal Music
enumeration	Choir
enumeration	Boy's Choir
enumeration	Children's Choir
enumeration	Choir with Orchestra
enumeration	Women's Choir
enumeration	Men's Choir
enumeration	Mixed Choir
enumeration	Soprano
enumeration	Mezzosoprano
enumeration	Alto
enumeration	Tenor
enumeration	Baritone
enumeration	Basso
enumeration	Accordion
enumeration	Ancient Instruments
enumeration	Bassoon
enumeration	Cembalo
enumeration	Clarinet
enumeration	Double Bass

enumeration	Flute
enumeration	Guitar
enumeration	Harp
enumeration	Harpsichord
enumeration	Horn
enumeration	Lute
enumeration	Mandolin
enumeration	Oboe
enumeration	Organ
enumeration	Percussion (Vibraphone etc.)
enumeration	Piano
enumeration	Recorder / English Flute
enumeration	Saxophone
enumeration	Trombone
enumeration	Trumpet
enumeration	Tuba
enumeration	Viola
enumeration	Violin
enumeration	Violoncello
enumeration	Miscellaneous Lead Instrument
enumeration	Reggae
enumeration	Contemporary Reggae
enumeration	Dancehall
enumeration	Dub
enumeration	Lover's Rock
enumeration	Reggaeton
enumeration	Roots
enumeration	Ska
enumeration	World
enumeration	African Music
enumeration	Afro Beat
enumeration	Afro Pop
enumeration	Asian Music
enumeration	Austropop
enumeration	Calypso
enumeration	Caribbean Music
enumeration	Celtic Music
enumeration	Chanson
enumeration	Coupé Decalé
enumeration	European Music
enumeration	Ghazal
enumeration	Griot
enumeration	Gypsy
enumeration	Highlife
enumeration	Judaica Music / Yiddish / Klezmer
enumeration	Kuduro

enumeration	Kwaito
enumeration	Makossa
enumeration	Marching Band
enumeration	Mento
enumeration	Middle Eastern Music
enumeration	Nordic / Scandinavia
enumeration	North American Music
enumeration	South American Music
enumeration	Parang
enumeration	Polka
enumeration	Rai
enumeration	Soca
enumeration	Soukous
enumeration	Zouk
enumeration	Zulu
enumeration	Latin
enumeration	Bachata
enumeration	Banda
enumeration	Bhangra
enumeration	Bolero
enumeration	Bossa Nova
enumeration	Corridos
enumeration	Cumbia
enumeration	Fado
enumeration	Flamenco
enumeration	Grupero
enumeration	Mambo
enumeration	Mariachi
enumeration	Merengue
enumeration	Norteno
enumeration	Ranchero
enumeration	Rock En Espanol
enumeration	Salsa
enumeration	Samba
enumeration	Son Cubana
enumeration	Sonidero
enumeration	Tango
enumeration	Tejano
enumeration	Religious
enumeration	Christian Rock
enumeration	Christian Hip Hop
enumeration	Christian Pop
enumeration	Chants
enumeration	Gospel
enumeration	Gregorian Music
enumeration	Hymn
enumeration	Mass
enumeration	Spiritual
enumeration	Worship

enumeration	Miscellaneous
enumeration	Anime / Video Game Soundtracks
enumeration	Bollywood
enumeration	Instrumental
enumeration	Vocal
enumeration	Acoustic
enumeration	Unplugged
enumeration	Live
enumeration	Traditional
enumeration	Karaoke
enumeration	Movie Scores
enumeration	Movie Soundtracks
enumeration	Sound Effects
enumeration	Soundtrack
enumeration	TV Soundtrack
enumeration	Wedding Music
enumeration	Holiday
enumeration	Mashup
enumeration	unclassifiable
enumeration	Word
enumeration	Business & Career
enumeration	Abstracts & Dossiers
enumeration	Accounting
enumeration	Business & Investing
enumeration	Communication
enumeration	Computers & Internet
enumeration	Economics
enumeration	Finance
enumeration	Management & Leadership
enumeration	Marketing & Sales
enumeration	Politics
enumeration	Self-Help
enumeration	Self-Organization
enumeration	Skills
enumeration	Small Business & Entrepreneurship
enumeration	Children's Audiobooks
enumeration	Popular Characters
enumeration	Animal Stories
enumeration	Children's Book Classics
enumeration	Detective Stories
enumeration	Fairy Tales
enumeration	Fantasy & Spook
enumeration	Knowledge for Children
enumeration	Pirates, Knights & Historical
enumeration	Poems & Song
enumeration	Comedy & Humour

enumeration	Comedy & Cabaret
enumeration	Humoristic Novel
enumeration	Crime
enumeration	Detective Stories
enumeration	Detective Stories „Noir“
enumeration	Classic Detective Stories
enumeration	Scandinavian Detective Stories
enumeration	Temporary Detective Stories
enumeration	Education & Knowledge
enumeration	Art & Culture
enumeration	Biography & Memento
enumeration	Foreign Language
enumeration	History
enumeration	Philosophy
enumeration	Politics & Current Affairs
enumeration	Science & Technology
enumeration	Health, Mind & Body
enumeration	Autogenous Training
enumeration	Creativity
enumeration	Esoteric
enumeration	Fitness
enumeration	Health
enumeration	Lifestyle
enumeration	Love & Erotic
enumeration	Meditation / Yoga
enumeration	Memory Training
enumeration	Mental Training
enumeration	Motivation
enumeration	Philosophy
enumeration	Positive Thinking & Attitude
enumeration	Psychology
enumeration	Spirituality & Religion
enumeration	Sports
enumeration	Wellness & Beauty
enumeration	Science Fiction & Fantasy
enumeration	Ancient World
enumeration	Fantasy-Romance
enumeration	Historical Thriller
enumeration	Horror Classics
enumeration	Medieval Times & Early Modern Era
enumeration	Thriller
enumeration	Mystery & Conspiracy
enumeration	Psychological Thriller

enumeration	Espionage, Politics & Justice
enumeration	Vatican & Secret Societies
enumeration	Science & Medicine
enumeration	Novels
enumeration	Erotica
enumeration	Contemporary German Literature
enumeration	Romance
enumeration	Entertainment
enumeration	Contemporary Literature
enumeration	Youth
enumeration	Detective Stories
enumeration	Fantasy
enumeration	For Girls
enumeration	Knowledge for Teenagers
enumeration	Mystery
enumeration	Pirates, Knights & Historical
enumeration	Youth Classics
enumeration	Youth Today
enumeration	Language
enumeration	Albanian
enumeration	Arabic
enumeration	Bengali
enumeration	Bosnian
enumeration	Bulgarian
enumeration	Cantonese / Yue
enumeration	Croatian
enumeration	Czech
enumeration	Danish
enumeration	Dutch
enumeration	English
enumeration	Finnish
enumeration	French
enumeration	German
enumeration	Greek
enumeration	Hebrew
enumeration	Hindi / Urdu
enumeration	Hungarian
enumeration	Italian
enumeration	Japanese
enumeration	Korean
enumeration	Macedonian
enumeration	Mandarin
enumeration	Norwegian
enumeration	Patois
enumeration	Portuguese

enumeration	Russian
enumeration	Serbian
enumeration	Spanish
enumeration	Swedish
enumeration	Tamil
enumeration	Turkish
enumeration	Vietnamese
enumeration	Afrikaans
enumeration	Film
enumeration	Action
enumeration	3D
enumeration	Adventure
enumeration	Animation
enumeration	Author's Film
enumeration	Biography
enumeration	Cartoon
enumeration	Children
enumeration	Comedy
enumeration	Crime & Gangster
enumeration	Disaster
enumeration	Documentary
enumeration	Drama
enumeration	Epic / Historical
enumeration	Erotic
enumeration	Expressionism
enumeration	Family
enumeration	Fantasy
enumeration	Film-Noir
enumeration	GLBT
enumeration	Horror
enumeration	Independent Film
enumeration	Martial-Arts / Eastern
enumeration	Monumental
enumeration	Musical / Dance
enumeration	Music
enumeration	Mystery
enumeration	Reality-TV
enumeration	Romantic
enumeration	Science Fiction
enumeration	Silent Movie
enumeration	Sport
enumeration	Thriller
enumeration	TV-Series
enumeration	Tragicomedy
enumeration	War / Anti-War
enumeration	Western
enumeration	Youth
enumeration	Time
enumeration	Middle Ages

enumeration	20 "s
enumeration	30 "s
enumeration	40 "s
enumeration	50 "s
enumeration	60 "s
enumeration	70 "
enumeration	80 "s
enumeration	90 "s
enumeration	2000 "s
enumeration	2010 "s
enumeration	2020 "s
enumeration	Adult
enumeration	Children
enumeration	Age: up to 6 years
enumeration	Age: 6 years +
enumeration	Age: 8 years +
enumeration	Kids & Family
enumeration	Country
enumeration	United Arab Emirates (AE)
enumeration	Afghanistan (AF)
enumeration	Antigua and Barbuda (AG)
enumeration	Anguilla (AI)
enumeration	Albania (AL)
enumeration	Armenia (AM)
enumeration	Angola (AO)
enumeration	Antarctica (AQ)
enumeration	Argentina (AR)
enumeration	American Samoa (AS)
enumeration	Austria (AT)
enumeration	Australia (AU)
enumeration	Aruba (AW)
enumeration	Åland Islands (AX)
enumeration	Azerbaijan (AZ)
enumeration	Bosnia and Herzegovina (BA)
enumeration	Barbados (BB)
enumeration	Bangladesh (BD)
enumeration	Belgium (BE)
enumeration	Burkina Faso (BF)
enumeration	Bulgaria (BG)
enumeration	Bahrain (BH)
enumeration	Burundi (BI)
enumeration	Benin (BJ)
enumeration	Saint Barthélemy (BL)
enumeration	Bermuda (BM)
enumeration	Brunei Darussalam (BN)
enumeration	Bolivia Plurinational State of (BO)

enumeration	Bonaire Saint Eustatius and Saba (BQ)
enumeration	Brazil (BR)
enumeration	Bahamas (BS)
enumeration	Bhutan (BT)
enumeration	Bouvet Island (BV)
enumeration	Botswana (BW)
enumeration	Belarus (BY)
enumeration	Belize (BZ)
enumeration	Canada (CA)
enumeration	Cocos (Keeling) Islands (CC)
enumeration	Congo the Democratic Republic of the (CD)
enumeration	Central African Republic (CF)
enumeration	Congo (CG)
enumeration	Switzerland (CH)
enumeration	Côte d'Ivoire (CI)
enumeration	Cook Islands (CK)
enumeration	Chile (CL)
enumeration	Cameroon (CM)
enumeration	China (CN)
enumeration	Colombia (CO)
enumeration	Costa Rica (CR)
enumeration	Cuba (CU)
enumeration	Cape Verde (CV)
enumeration	Curaçao (CW)
enumeration	Christmas Island (CX)
enumeration	Cyprus (CY)
enumeration	Czech Republic (CZ)
enumeration	Germany (DE)
enumeration	Djibouti (DJ)
enumeration	Denmark (DK)
enumeration	Dominica (DM)
enumeration	Dominican Republic (DO)
enumeration	Algeria (DZ)
enumeration	Ecuador (EC)
enumeration	Estonia (EE)
enumeration	Egypt (EG)
enumeration	Western Sahara (EH)
enumeration	Eritrea (ER)
enumeration	Spain (ES)
enumeration	Ethiopia (ET)
enumeration	Finland (FI)
enumeration	Fiji (FJ)
enumeration	Falkland Islands (Malvinas) (FK)
enumeration	Micronesia Federated States of (FM)

enumeration	Faroe Islands (FO)
enumeration	France (FR)
enumeration	Gabon (GA)
enumeration	United Kingdom (GB)
enumeration	Grenada (GD)
enumeration	Georgia (GE)
enumeration	French Guiana (GF)
enumeration	Guernsey (GG)
enumeration	Ghana (GH)
enumeration	Gibraltar (GI)
enumeration	Greenland (GL)
enumeration	Gambia (GM)
enumeration	Guinea (GN)
enumeration	Guadeloupe (GP)
enumeration	Equatorial Guinea (GQ)
enumeration	Greece (GR)
enumeration	South Georgia and the South Sandwich Islands (GS)
enumeration	Guatemala (GT)
enumeration	Guam (GU)
enumeration	Guinea-Bissau (GW)
enumeration	Guyana (GY)
enumeration	Hong Kong (HK)
enumeration	Heard Island and McDonald Islands (HM)
enumeration	Honduras (HN)
enumeration	Croatia (HR)
enumeration	Haiti (HT)
enumeration	Hungary (HU)
enumeration	Indonesia (ID)
enumeration	Ireland (IE)
enumeration	Israel (IL)
enumeration	Isle of Man (IM)
enumeration	India (IN)
enumeration	British Indian Ocean Territory (IO)
enumeration	Iraq (IQ)
enumeration	Iran Islamic Republic of (IR)
enumeration	Iceland (IS)
enumeration	Italy (IT)
enumeration	Jersey (JE)
enumeration	Jamaica (JM)
enumeration	Jordan (JO)
enumeration	Japan (JP)
enumeration	Kenya (KE)
enumeration	Kyrgyzstan (KG)
enumeration	Cambodia (KH)
enumeration	Kiribati (KI)
enumeration	Comoros (KM)

enumeration	Saint Kitts and Nevis (KN)
enumeration	Korea Democratic People"s Republic of (KP)
enumeration	Korea Republic of (KR)
enumeration	Kuwait (KW)
enumeration	Cayman Islands (KY)
enumeration	Kazakhstan (KZ)
enumeration	Lao People"s Democratic Republic (LA)
enumeration	Lebanon (LB)
enumeration	Saint Lucia (LC)
enumeration	Liechtenstein (LI)
enumeration	Sri Lanka (LK)
enumeration	Liberia (LR)
enumeration	Lesotho (LS)
enumeration	Lithuania (LT)
enumeration	Luxembourg (LU)
enumeration	Latvia (LV)
enumeration	Libyan Arab Jamahiriya (LY)
enumeration	Morocco (MA)
enumeration	Monaco (MC)
enumeration	Moldova Republic of (MD)
enumeration	Montenegro (ME)
enumeration	Saint Martin (French part) (MF)
enumeration	Madagascar (MG)
enumeration	Marshall Islands (MH)
enumeration	Macedonia the former Yugoslav Republic of (MK)
enumeration	Mali (ML)
enumeration	Myanmar (MM)
enumeration	Mongolia (MN)
enumeration	Macao (MO)
enumeration	Northern Mariana Islands (MP)
enumeration	Martinique (MQ)
enumeration	Mauritania (MR)
enumeration	Montserrat (MS)
enumeration	Malta (MT)
enumeration	Mauritius (MU)
enumeration	Maldives (MV)
enumeration	Malawi (MW)
enumeration	Mexico (MX)
enumeration	Malaysia (MY)
enumeration	Mozambique (MZ)
enumeration	Namibia (NA)
enumeration	New Caledonia (NC)

enumeration	Niger (NE)
enumeration	Norfolk Island (NF)
enumeration	Nigeria (NG)
enumeration	Nicaragua (NI)
enumeration	Netherlands (NL)
enumeration	Norway (NO)
enumeration	Nepal (NP)
enumeration	Nauru (NR)
enumeration	Niue (NU)
enumeration	New Zealand (NZ)
enumeration	Oman (OM)
enumeration	Panama (PA)
enumeration	Peru (PE)
enumeration	French Polynesia (PF)
enumeration	Papua New Guinea (PG)
enumeration	Philippines (PH)
enumeration	Pakistan (PK)
enumeration	Poland (PL)
enumeration	Saint Pierre and Miquelon (PM)
enumeration	Pitcairn (PN)
enumeration	Puerto Rico (PR)
enumeration	Palestinian Territory Occupied (PS)
enumeration	Portugal (PT)
enumeration	Palau (PW)
enumeration	Paraguay (PY)
enumeration	Qatar (QA)
enumeration	Réunion (RE)
enumeration	Romania (RO)
enumeration	Serbia (RS)
enumeration	Russian Federation (RU)
enumeration	Rwanda (RW)
enumeration	Saudi Arabia (SA)
enumeration	Solomon Islands (SB)
enumeration	Seychelles (SC)
enumeration	Sudan (SD)
enumeration	Sweden (SE)
enumeration	Singapore (SG)
enumeration	Saint Helena Ascension and Tristan da Cunha (SH)
enumeration	Slovenia (SI)
enumeration	Svalbard and Jan Mayen (SJ)
enumeration	Slovakia (SK)
enumeration	Sierra Leone (SL)
enumeration	San Marino (SM)
enumeration	Senegal (SN)
enumeration	Somalia (SO)

enumeration	Suriname (SR)
enumeration	Sao Tome and Principe (ST)
enumeration	El Salvador (SV)
enumeration	Sint Maarten (Dutch part) (SX)
enumeration	Syrian Arab Republic (SY)
enumeration	Swaziland (SZ)
enumeration	Turks and Caicos Islands (TC)
enumeration	Chad (TD)
enumeration	French Southern Territories (TF)
enumeration	Togo (TG)
enumeration	Thailand (TH)
enumeration	Tajikistan (TJ)
enumeration	Tokelau (TK)
enumeration	Timor-Leste (TL)
enumeration	Turkmenistan (TM)
enumeration	Tunisia (TN)
enumeration	Tonga (TO)
enumeration	Turkey (TR)
enumeration	Trinidad and Tobago (TT)
enumeration	Tuvalu (TV)
enumeration	Taiwan Province of China (TW)
enumeration	Tanzania United Republic of (TZ)
enumeration	Ukraine (UA)
enumeration	Uganda (UG)
enumeration	United States Minor Outlying Islands (UM)
enumeration	United States (US)
enumeration	Uruguay (UY)
enumeration	Uzbekistan (UZ)
enumeration	Holy See (Vatican City State) (VA)
enumeration	Saint Vincent and the Grenadines (VC)
enumeration	Venezuela Bolivarian Republic of (VE)
enumeration	Virgin Islands British (VG)
enumeration	Virgin Islands U.S. (VI)
enumeration	Viet Nam (VN)
enumeration	Vanuatu (VU)
enumeration	Wallis and Futuna (WF)
enumeration	Samoa (WS)
enumeration	Yemen (YE)
enumeration	Mayotte (YT)

	enumeration      South Africa (ZA)
	enumeration      Zambia (ZM)
	enumeration      Zimbabwe (ZW)
Source	<xsd:element name="genre" type="g:genre" maxOccurs="unbounded" minOccurs="0" />

### Element tags / bundle\_only

Namespace	No namespace						
Diagram	<p>The diagram shows the 'bundle_only' element (Type: xsd:boolean) connected to the xsd:boolean type. A tooltip indicates it is a built-in primitive type defining boolean values true and false.</p>						
Type	xsd:boolean						
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	<xsd:element name="bundle_only" type="xsd:boolean" maxOccurs="1" minOccurs="0" />						

### Element tags / explicit\_lyrics

Namespace	No namespace						
Diagram	<p>The diagram shows the 'explicit_lyrics' element (Type: explicitLyrics) connected to the explicitLyrics type. A tooltip indicates it is a built-in primitive type defining boolean values true and false.</p>						
Type	explicitLyrics						
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						
Facets	<table border="1"> <tr> <td>enumeration</td> <td>true</td> </tr> <tr> <td>enumeration</td> <td>false</td> </tr> <tr> <td>enumeration</td> <td>cleaned</td> </tr> </table>	enumeration	true	enumeration	false	enumeration	cleaned
enumeration	true						
enumeration	false						
enumeration	cleaned						
Source	<xsd:element name="explicit_lyrics" type="explicitLyrics" maxOccurs="1" minOccurs="0" />						

### Element tags / live

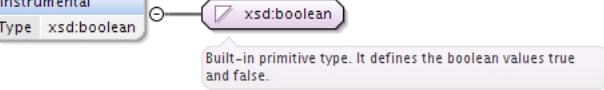
Namespace	No namespace						
Diagram	<p>The diagram shows the 'live' element (Type: xsd:boolean) connected to the xsd:boolean type. A tooltip indicates it is a built-in primitive type defining boolean values true and false.</p>						
Type	xsd:boolean						
Properties	<table border="1"> <tr> <td>content:</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	<xsd:element name="live" type="xsd:boolean" maxOccurs="1" minOccurs="0" />						

### Element tags / accoustic

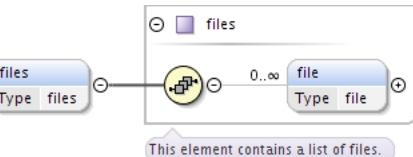
Namespace	No namespace
Diagram	<p>The diagram shows the 'accoustic' element (Type: xsd:boolean) connected to the xsd:boolean type. A tooltip indicates it is a built-in primitive type defining boolean values true and false.</p>

Type	xsd:boolean
Properties	content: simple minOccurs: 0 maxOccurs: 1
Source	<xsd:element name="acoustic" type="xsd:boolean" maxOccurs="1" minOccurs="0" />

### Element tags / instrumental

Namespace	No namespace
Diagram	
Type	xsd:boolean
Properties	content: simple minOccurs: 0 maxOccurs: 1
Source	<xsd:element name="instrumental" type="xsd:boolean" maxOccurs="1" minOccurs="0" />

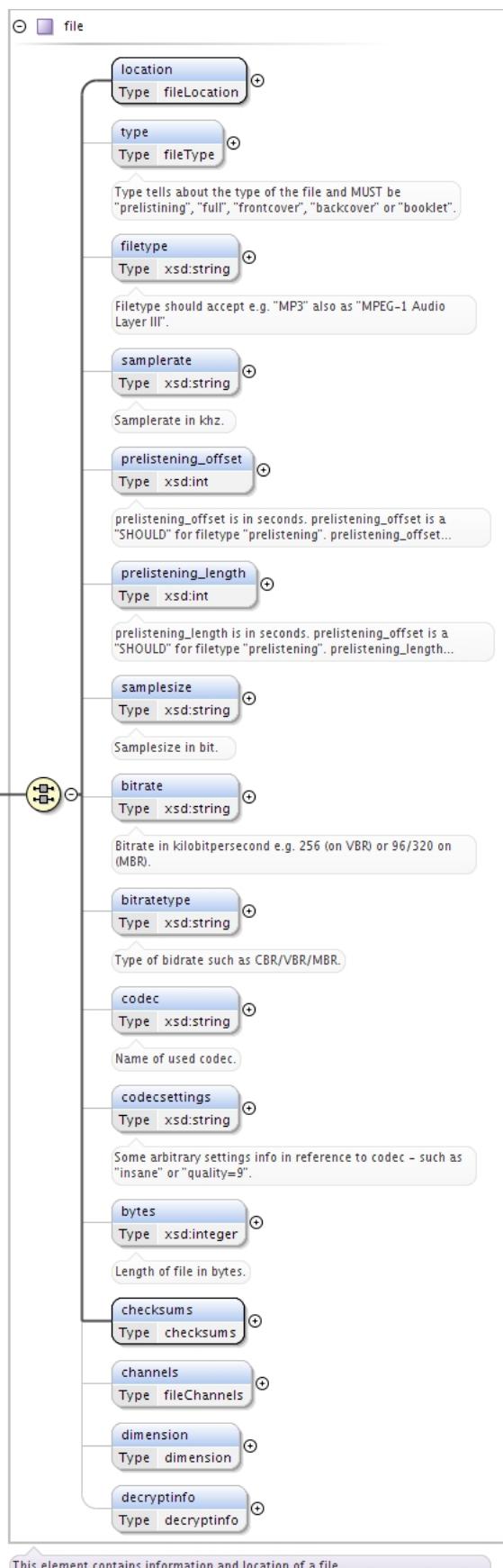
### Element bundle / files

Namespace	No namespace
Diagram	
Type	files
Properties	content: complex minOccurs: 0 maxOccurs: 1
Model	file*
Children	file
Instance	<files> <file>{0,unbounded}</file> </files>
Source	<xsd:element name="files" type="files" maxOccurs="1" minOccurs="0" />

### Element files / file

Namespace	No namespace
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Diagram



Type	file
------	------

Properties	content:	complex
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	minOccurs: 0 maxOccurs: unbounded
Model	ALL(location type{0,1} filetype{0,1} samplerate{0,1} prelistening_offset{0,1} prelistening_length{0,1} samplesize{0,1} bitrate{0,1} bitratetype{0,1} codec{0,1} codecsettings{0,1} bytes{0,1} checksums channels{0,1} dimension{0,1} decryptinfo{0,1})
Children	bitrate, bitratetype, bytes, channels, checksums, codec, codecsettings, decryptinfo, dimension, filetype, location, prelistening_length, prelistening_offset, samplerate, samplesize, type
Instance	<pre>&lt;file&gt; &lt;location&gt;{1,1}&lt;/location&gt; &lt;type&gt;{0,1}&lt;/type&gt; &lt;filetype&gt;{0,1}&lt;/filetype&gt; &lt;samplerate&gt;{0,1}&lt;/samplerate&gt; &lt;prelistening_offset&gt;{0,1}&lt;/prelistening_offset&gt; &lt;prelistening_length&gt;{0,1}&lt;/prelistening_length&gt; &lt;samplesize&gt;{0,1}&lt;/samplesize&gt; &lt;bitrate&gt;{0,1}&lt;/bitrate&gt; &lt;bitratetype&gt;{0,1}&lt;/bitratetype&gt; &lt;codec&gt;{0,1}&lt;/codec&gt; &lt;codecsettings&gt;{0,1}&lt;/codecsettings&gt; &lt;bytes&gt;{0,1}&lt;/bytes&gt; &lt;checksums&gt;{1,1}&lt;/checksums&gt; &lt;channels&gt;{0,1}&lt;/channels&gt; &lt;dimension&gt;{0,1}&lt;/dimension&gt; &lt;decryptinfo&gt;{0,1}&lt;/decryptinfo&gt; &lt;/file&gt;</pre>
Source	<code>&lt;xsd:element name="file" type="file" maxOccurs="unbounded" minOccurs="0"/&gt;</code>

## Element file / location

Namespace	No namespace
Diagram	<pre> classDiagram     class fileLocation {         path         http         ftp     }     class location {         &lt;&lt;fileLocation&gt;&gt;     }     location &lt; -- fileLocation     </pre> <p>This element contains the path to the corresponding file. File can be accessible via path, http or ftp</p>
Type	fileLocation
Properties	content: complex
Model	ALL(path{0,1} http{0,1} ftp{0,1})
Children	ftp, http, path
Instance	<pre>&lt;location&gt; &lt;path&gt;{0,1}&lt;/path&gt; &lt;http&gt;{0,1}&lt;/http&gt; &lt;ftp&gt;{0,1}&lt;/ftp&gt; &lt;/location&gt;</pre>
Source	<code>&lt;xsd:element name="location" type="fileLocation"/&gt;</code>

## Element fileLocation / path

Namespace	No namespace
Diagram	<pre> classDiagram     class path {         &lt;&lt;xsd:string&gt;&gt;     }     </pre> <p>Built-in primitive type. The string datatype represents character strings in XML.</p>
Type	xsd:string
Properties	content: simple minOccurs: 0 maxOccurs: 1

Source	<code>&lt;xsd:element name="path" type="xsd:string" maxOccurs="1" minOccurs="0" /&gt;</code>
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## Element fileLocation / http

Namespace	No namespace						
Diagram	<pre> classDiagram     class fileHttp {         &lt;&lt;Base Type   action&gt;&gt;     }     class action {         &lt;&lt;extension base&gt;&gt;     }     class url {         &lt;&lt;url&gt;&gt;         &lt;&lt;Type url&gt;&gt;     }     class user {         &lt;&lt;xsd:string&gt;&gt;         &lt;&lt;Type xsd:string&gt;&gt;     }     class pass {         &lt;&lt;xsd:string&gt;&gt;         &lt;&lt;Type xsd:string&gt;&gt;     }     class expiresdatetime {         &lt;&lt;datetimeGMT&gt;&gt;         &lt;&lt;Type datetimeGMT&gt;&gt;     }      fileHttp &lt; -- action     fileHttp &lt; -- url     fileHttp &lt; -- user     fileHttp &lt; -- pass     fileHttp &lt; -- expiresdatetime   </pre> <p>This element contains information about http access to file.</p>						
Type	fileHttp						
Type hierarchy	<ul style="list-style-type: none"> <li>• action</li> <li>• fileHttp</li> </ul>						
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	ALL(url user{0,1} pass{0,1} expiresdatetime)						
Children	expiresdatetime, pass, url, user						
Instance	<pre> &lt;http&gt;   &lt;url&gt;{1,1}&lt;/url&gt;   &lt;user&gt;{0,1}&lt;/user&gt;   &lt;pass&gt;{0,1}&lt;/pass&gt;   &lt;expiresdatetime&gt;{1,1}&lt;/expiresdatetime&gt; &lt;/http&gt;   </pre>						
Source	<code>&lt;xsd:element name="http" type="fileHttp" maxOccurs="1" minOccurs="0" /&gt;</code>						

## Element fileHttp / url

Namespace	No namespace
Diagram	<pre> classDiagram     class url {         &lt;&lt;url&gt;&gt;         &lt;&lt;Type url&gt;&gt;     }     class url {         &lt;&lt;url&gt;&gt;         &lt;&lt;Type url&gt;&gt;     }   </pre>
Type	url
Properties	content: simple
Source	<code>&lt;xsd:element name="url" type="url" /&gt;</code>

## Element fileHttp / user

Namespace	No namespace				
Diagram	<pre> classDiagram     class user {         &lt;&lt;xsd:string&gt;&gt;         &lt;&lt;Type xsd:string&gt;&gt;     }     class xsdstring {         &lt;&lt;xsd:string&gt;&gt;         &lt;&lt;Type xsd:string&gt;&gt;     }   </pre> <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> </table>	content:	simple	minOccurs:	0
content:	simple				
minOccurs:	0				

	maxOccurs: 1
Source	<xsd:element name="user" type="xsd:string" maxOccurs="1" minOccurs="0" />

### Element fileHttp / pass

Namespace	No namespace						
Diagram	<p>The diagram shows a blue rounded rectangle labeled 'pass' with a small circle icon to its left. To its right is a grey rounded rectangle labeled 'xsd:string' with a small square icon to its left. A line connects 'pass' to 'xsd:string'. Below this connection is a callout box containing the text: '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	<xsd:element name="pass" type="xsd:string" maxOccurs="1" minOccurs="0" />						

### Element fileHttp / expiresdatetime

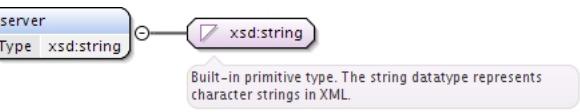
Namespace	No namespace
Diagram	<p>The diagram shows a blue rounded rectangle labeled 'expiresdatetime' with a small circle icon to its left. To its right is a grey rounded rectangle labeled 'datetimeGMT' with a small square icon to its left. A line connects 'expiresdatetime' to 'datetimeGMT'. Below this connection is a plus sign icon.</p>
Type	datetimeGMT
Properties	content: simple
Facets	pattern $\backslash d\{4\}-\backslash d\{2\}-\backslash d\{2\}$ $\backslash d\{2\}:\backslash d\{2\}:\backslash d\{2\}$ GMT\ $+\backslash d\{2\}:\backslash d\{2\}$
Source	<xsd:element name="expiresdatetime" type="datetimeGMT" />

### Element fileLocation / ftp

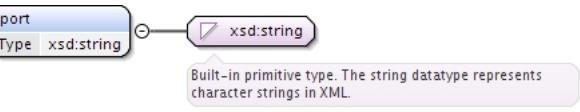
Namespace	No namespace
Diagram	<p>The diagram shows a blue rounded rectangle labeled 'ftp' with a small circle icon to its left. To its right is a grey rounded rectangle labeled 'fileFtp' with a small square icon to its left. A line connects 'ftp' to 'fileFtp'. From 'fileFtp', a line extends to a grey rounded rectangle labeled 'action' with a small square icon to its left. Below 'action' is another grey rounded rectangle labeled 'action (extension base)' with a small square icon to its left. A line connects 'action' to 'action (extension base)'. Inside 'action (extension base)', there are six blue rounded rectangles: 'server' (type 'xsd:string'), 'port' (type 'xsd:string'), 'path' (type 'xsd:string'), 'user' (type 'xsd:string'), 'pass' (type 'xsd:string'), and 'expiresdatetime' (type 'datetimeGMT'). Below this structure is a callout box containing the text: 'This element contains information about ftp access to file just like server, port, path to file and credentials (user /...)'.</p>
Type	fileFtp
Type hierarchy	<ul style="list-style-type: none"> <li>• action</li> <li>    • fileFtp</li> </ul>
Properties	content: complex

	minOccurs: 0 maxOccurs: 1
Model	ALL(server port path user{0,1} pass{0,1} expiresdatetime)
Children	expiresdatetime, pass, path, port, server, user
Instance	<pre>&lt;ftp&gt;   &lt;server&gt;{1,1}&lt;/server&gt;   &lt;port&gt;{1,1}&lt;/port&gt;   &lt;path&gt;{1,1}&lt;/path&gt;   &lt;user&gt;{0,1}&lt;/user&gt;   &lt;pass&gt;{0,1}&lt;/pass&gt;   &lt;expiresdatetime&gt;{1,1}&lt;/expiresdatetime&gt; &lt;/ftp&gt;</pre>
Source	<xsd:element name="ftp" type="fileFtp" maxOccurs="1" minOccurs="0"/>

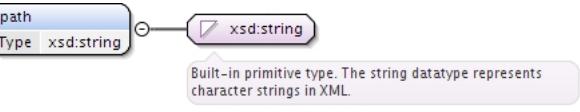
### Element fileFtp / server

Namespace	No namespace
Diagram	
Type	xsd:string
Properties	content: simple
Source	<xsd:element name="server" type="xsd:string" />

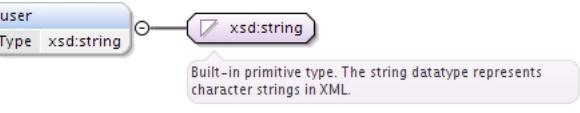
### Element fileFtp / port

Namespace	No namespace
Diagram	
Type	xsd:string
Properties	content: simple
Source	<xsd:element name="port" type="xsd:string" />

### Element fileFtp / path

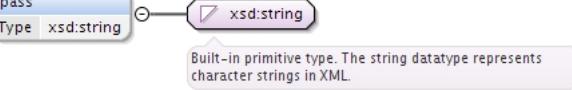
Namespace	No namespace
Diagram	
Type	xsd:string
Properties	content: simple
Source	<xsd:element name="path" type="xsd:string" />

### Element fileFtp / user

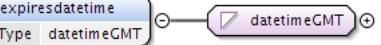
Namespace	No namespace
Diagram	
Type	xsd:string
Properties	content: simple

	minOccurs: 0 maxOccurs: 1
Source	<xsd:element name="user" type="xsd:string" maxOccurs="1" minOccurs="0" />

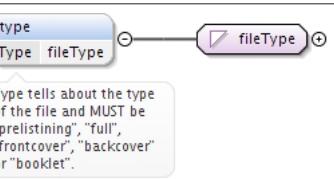
### Element fileFtp / pass

Namespace	No namespace
Diagram	 <pre> graph LR     pass[xsd:string] --&gt; xsdString[xsd:string]     </pre> <p>Built-in primitive type. The string datatype represents character strings in XML.</p>
Type	xsd:string
Properties	content: simple minOccurs: 0 maxOccurs: 1
Source	<xsd:element name="pass" type="xsd:string" maxOccurs="1" minOccurs="0" />

### Element fileFtp / expiresdatetime

Namespace	No namespace
Diagram	 <pre> graph LR     expiresdatetime[datetimeGMT] --&gt; datetimeGMT[datetimeGMT]     </pre>
Type	datetimeGMT
Properties	content: simple
Facets	pattern $\d{4}-\d{2}-\d{2}$ $\d{2}:\d{2}:\d{2}\ \text{GMT}$ $+\d{2}:\d{2}$
Source	<xsd:element name="expiresdatetime" type="datetimeGMT" />

### Element file / type

Namespace	No namespace
Annotations	Type tells about the type of the file and MUST be "prelistining", "full", "frontcover", "backcover" or "booklet".
Diagram	 <p>Type tells about the type of the file and MUST be "prelistining", "full", "frontcover", "backcover" or "booklet".</p>
Type	fileType
Properties	content: simple minOccurs: 0 maxOccurs: 1
Facets	enumeration full enumeration prelistening enumeration frontcover enumeration backcover enumeration booklet
Source	<xsd:element name="type" type="fileType" maxOccurs="1" minOccurs="0"> <xsd:annotation> <xsd:documentation xml:lang="en">Type tells about the type of the file and MUST be "prelistining", "full", "frontcover", "backcover" or "booklet".</xsd:documentation> </xsd:annotation>

| </xsd:element> |

## Element file / filetype

Namespace	No namespace						
Annotations	Filetype should accept e.g. "MP3" also as "MPEG-1 Audio Layer III".						
Diagram	<pre> graph LR     filetype[filetype] --&gt; xsdString[xsd:string]     </pre> <p>Filetype should accept e.g. "MP3" also as "MPEG-1 Audio Layer III".</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> &lt;xsd:element name="filetype" type="xsd:string" maxOccurs="1" minOccurs="0"&gt;   &lt;xsd:annotation&gt;     &lt;xsd:documentation xml:lang="en"&gt;Filetype should accept e.g. "MP3" also as "MPEG-1     Audio Layer III".&lt;/xsd:documentation&gt;   &lt;/xsd:annotation&gt; &lt;/xsd:element&gt; </pre>						

## Element file / samplerate

Namespace	No namespace						
Annotations	Samplerate in khz.						
Diagram	<pre> graph LR     samplerate[samplerate] --&gt; xsdString[xsd:string]     </pre> <p>Samplerate in khz.</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> &lt;xsd:element name="samplerate" type="xsd:string" maxOccurs="1" minOccurs="0"&gt;   &lt;xsd:annotation&gt;     &lt;xsd:documentation xml:lang="en"&gt;Samplerate in khz.&lt;/xsd:documentation&gt;   &lt;/xsd:annotation&gt; &lt;/xsd:element&gt; </pre>						

## Element file / prelistening\_offset

Namespace	No namespace				
Annotations	prelistening_offset is in seconds. prelistening_offset is a "SHOULD" for filetype "prelistening". prelistening_offset is a MUST NOT for any other filetype.				
Diagram	<pre> graph LR     prelisteningOffset[prelistening_offset] --&gt; xsdInt[xsd:int]     </pre> <p>prelistening_offset is in seconds. prelistening_offset is a "SHOULD" for filetype "prelistening". prelistening_offset...</p> <p>Built-in derived type. The int datatype is derived from long by setting the value of maxInclusive to be 2147483647 and...</p>				
Type	xsd:int				
Properties	<table border="1"> <tr> <td>content:</td> <td>simple</td> </tr> <tr> <td>minOccurs:</td> <td>0</td> </tr> </table>	content:	simple	minOccurs:	0
content:	simple				
minOccurs:	0				
Source	<pre> &lt;xsd:element minOccurs="0" name="prelistening_offset" type="xsd:int"&gt;   &lt;xsd:annotation&gt;     &lt;xsd:documentation xml:lang="en"&gt;prelistening_offset is in seconds.     prelistening_offset is a "SHOULD" for filetype "prelistening". prelistening_offset is a     MUST NOT for any other filetype.&lt;/xsd:documentation&gt;   &lt;/xsd:annotation&gt; &lt;/xsd:element&gt; </pre>				

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

## Element file / prelistening\_length

Namespace	No namespace				
Annotations	prelistening_length is in seconds. prelistening_offset is a "SHOULD" for filetype "prelistening". prelistening_length is a MUST NOT for any other filetype.				
Diagram	<pre> graph LR     A[xsd:int] --- B[prelistening_length]     B --&gt; C["Built-in derived type. The int datatype is derived from long by setting the value of maxInclusive to be 2147483647 and..."]   </pre> <p>The diagram shows a box labeled 'xsd:int' with a line pointing to a box labeled 'prelistening_length'. A callout bubble from 'prelistening_length' points to a text box stating: 'Built-in derived type. The int datatype is derived from long by setting the value of maxInclusive to be 2147483647 and...'.</p>				
Type	xsd:int				
Properties	<table border="1"> <tr> <td>content:</td> <td>simple</td> </tr> <tr> <td>minOccurs:</td> <td>0</td> </tr> </table>	content:	simple	minOccurs:	0
content:	simple				
minOccurs:	0				
Source	<pre> &lt;xsd:element minOccurs="0" name="prelistening_length" type="xsd:int"&gt;   &lt;xsd:annotation&gt;     &lt;xsd:documentation xml:lang="en"&gt;prelistening_length is in seconds.     prelistening_offset is a "SHOULD" for filetype "prelistening". prelistening_length is a     MUST NOT for any other filetype.&lt;/xsd:documentation&gt;   &lt;/xsd:annotation&gt; &lt;/xsd:element&gt; </pre>				

## Element file / samplesize

Namespace	No namespace						
Annotations	Samplesize in bit.						
Diagram	<pre> graph LR     A[xsd:string] --- B[samplesize]     B --&gt; C["Built-in primitive type. The string datatype represents character strings in XML."]   </pre> <p>The diagram shows a box labeled 'xsd:string' with a line pointing to a box labeled 'samplesize'. A callout bubble from 'samplesize' points to a text box stating: '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> &lt;xsd:element name="samplesize" type="xsd:string" maxOccurs="1" minOccurs="0"&gt;   &lt;xsd:annotation&gt;     &lt;xsd:documentation xml:lang="en"&gt;Samplesize in bit.&lt;/xsd:documentation&gt;   &lt;/xsd:annotation&gt; &lt;/xsd:element&gt; </pre>						

## Element file / bitrate

Namespace	No namespace						
Annotations	Bitrate in kilobitpersecond e.g. 256 (on VBR) or 96/320 on (MBR).						
Diagram	<pre> graph LR     A[xsd:string] --- B[bitrate]     B --&gt; C["Built-in primitive type. The string datatype represents character strings in XML."]   </pre> <p>The diagram shows a box labeled 'xsd:string' with a line pointing to a box labeled 'bitrate'. A callout bubble from 'bitrate' points to a text box stating: '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> &lt;xsd:element name="bitrate" type="xsd:string" maxOccurs="1" minOccurs="0"&gt;   &lt;xsd:annotation&gt; </pre>						

```
<xsd:documentation xml:lang="en">Bitrate in kilobitpersecond e.g. 256 (on VBR) or
96/320 on (MBR).</xsd:documentation>
</xsd:annotation>
</xsd:element>
```

### Element file / bitratetype

Namespace	No namespace						
Annotations	Type of bitrate such as CBR/VBR/MBR.						
Diagram	<pre> classDiagram     class bitratetype {         &lt;&lt;Type xsd:string&gt;&gt;     }     bitratetype --o xsd:string     xsd:string &lt;&lt;Built-in primitive type. The string datatype represents character strings in XML.&gt;&gt;   </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> &lt;xsd:element name="bitratetype" type="xsd:string" maxOccurs="1" minOccurs="0"&gt;   &lt;xsd:annotation&gt;     &lt;xsd:documentation xml:lang="en"&gt;Type of bitrate such as CBR/VBR/MBR.&lt;/xsd:documentation&gt;   &lt;/xsd:annotation&gt; &lt;/xsd:element&gt;   </pre>						

### Element file / codec

Namespace	No namespace						
Annotations	Name of used codec.						
Diagram	<pre> classDiagram     class codec {         &lt;&lt;Type xsd:string&gt;&gt;     }     codec --o xsd:string     xsd:string &lt;&lt;Built-in primitive type. The string datatype represents character strings in XML.&gt;&gt;   </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> &lt;xsd:element name="codec" type="xsd:string" maxOccurs="1" minOccurs="0"&gt;   &lt;xsd:annotation&gt;     &lt;xsd:documentation xml:lang="en"&gt;Name of used codec.&lt;/xsd:documentation&gt;   &lt;/xsd:annotation&gt; &lt;/xsd:element&gt;   </pre>						

### Element file / codecsettings

Namespace	No namespace						
Annotations	Some arbitrary settings info in reference to codec - such as "insane" or "quality=9".						
Diagram	<pre> classDiagram     class codecsettings {         &lt;&lt;Type xsd:string&gt;&gt;     }     codecsettings --o xsd:string     xsd:string &lt;&lt;Built-in primitive type. The string datatype represents character strings in XML.&gt;&gt;   </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> &lt;xsd:element name="codecsettings" type="xsd:string" maxOccurs="1" minOccurs="0"&gt;   &lt;xsd:annotation&gt;     &lt;xsd:documentation xml:lang="en"&gt;Some arbitrary settings info in reference to codec - such as "insane" or "quality=9".&lt;/xsd:documentation&gt;   &lt;/xsd:annotation&gt; &lt;/xsd:element&gt;   </pre>						

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

## Element file / bytes

Namespace	No namespace
Annotations	Length of file in bytes.
Diagram	
Type	xsd:integer
Properties	content: simple minOccurs: 0 maxOccurs: 1
Source	<pre>&lt;xsd:element name="bytes" type="xsd:integer" maxOccurs="1" minOccurs="0"&gt;   &lt;xsd:annotation&gt;     &lt;xsd:documentation xml:lang="en"&gt;Length of file in bytes.&lt;/xsd:documentation&gt;   &lt;/xsd:annotation&gt; &lt;/xsd:element&gt;</pre>

## Element file / checksums

Namespace	No namespace
Diagram	
Type	checksums
Properties	content: complex
Model	ALL(md5{0,1} sha1{0,1} sha256{0,1})
Children	md5, sha1, sha256
Instance	<pre>&lt;checksums&gt;   &lt;md5&gt;{0,1}&lt;/md5&gt;   &lt;sha1&gt;{0,1}&lt;/sha1&gt;   &lt;sha256&gt;{0,1}&lt;/sha256&gt; &lt;/checksums&gt;</pre>
Source	<pre>&lt;xsd:element name="checksums" type="checksums"/&gt;</pre>

## Element checksums / md5

Namespace	No namespace
Diagram	
Type	xsd:string
Properties	content: simple minOccurs: 0 maxOccurs: 1
Source	<pre>&lt;xsd:element name="md5" type="xsd:string" maxOccurs="1" minOccurs="0"/&gt;</pre>

## Element checksums / sha1

Namespace	No namespace
Diagram	
Type	xsd:string
Properties	content: simple minOccurs: 0 maxOccurs: 1
Source	<xsd:element name="sha1" type="xsd:string" maxOccurs="1" minOccurs="0" />

## Element checksums / sha256

Namespace	No namespace
Diagram	
Type	xsd:string
Properties	content: simple minOccurs: 0 maxOccurs: 1
Source	<xsd:element name="sha256" type="xsd:string" maxOccurs="1" minOccurs="0" />

## Element file / channels

Namespace	No namespace
Diagram	
Type	fileChannels
Properties	content: simple minOccurs: 0 maxOccurs: 1
Facets	enumeration mono enumeration stereo enumeration joint-stereo enumeration 5.1
Source	<xsd:element name="channels" type="fileChannels" maxOccurs="1" minOccurs="0" />

## Element file / dimension

Namespace	No namespace
Diagram	

Type	dimension
Properties	<p>content: complex</p> <p>minOccurs: 0</p> <p>maxOccurs: 1</p>
Model	width , height
Children	height, width
Instance	<pre>&lt;dimension&gt;   &lt;width&gt;{1,1}&lt;/width&gt;   &lt;height&gt;{1,1}&lt;/height&gt; &lt;/dimension&gt;</pre>
Source	<code>&lt;xsd:element name="dimension" type="dimension" maxOccurs="1" minOccurs="0" /&gt;</code>

### Element dimension / width

Namespace	No namespace
Diagram	<p>The diagram shows the 'width' element from the schema. It is a rounded rectangle labeled 'width' with a blue border. To its right is a small circle with a minus sign, indicating it is a child element. Next to it is a purple rounded rectangle labeled 'xsd:integer' with a blue border. A line connects the two.</p> <p>Built-in derived type. The integer datatype is derived from decimal by fixing the value of fractionDigits to be 0. This...</p>
Type	xsd:integer
Properties	content: simple
Source	<code>&lt;xsd:element name="width" type="xsd:integer" /&gt;</code>

### Element dimension / height

Namespace	No namespace
Diagram	<p>The diagram shows the 'height' element from the schema. It is a rounded rectangle labeled 'height' with a blue border. To its right is a small circle with a minus sign, indicating it is a child element. Next to it is a purple rounded rectangle labeled 'xsd:integer' with a blue border. A line connects the two.</p> <p>Built-in derived type. The integer datatype is derived from decimal by fixing the value of fractionDigits to be 0. This...</p>
Type	xsd:integer
Properties	content: simple
Source	<code>&lt;xsd:element name="height" type="xsd:integer" /&gt;</code>

### Element file / decryptinfo

Namespace	No namespace
Diagram	<p>The diagram shows the 'decryptinfo' element from the schema. It is a rounded rectangle labeled 'decryptinfo' with a blue border. To its right is a small circle with a minus sign, indicating it is a child element. Next to it is a purple rounded rectangle labeled 'decryptinfo' with a blue border. A line connects the two.</p> <p>This element contains information about decryption of corresponding file.</p> <p>cipher Type xsd:string  Contains info about the cipher for decryption like AES, RUNDael, XOR, Arcfour, whatever – should be "convenient".</p> <p>initvector Type xsd:string</p> <p>key Type xsd:string</p> <p>bytes Type xsd:string</p> <p>checksums Type checksums</p>
Type	decryptinfo
Properties	content: complex

	minOccurs: 0 maxOccurs: 1
Model	ALL(cipher{0,1} initvector{0,1} key{0,1} bytes{0,1} checksums{0,1})
Children	bytes, checksums, cipher, initvector, key
Instance	<pre>&lt;decryptinfo&gt;   &lt;cipher&gt;{0,1}&lt;/cipher&gt;   &lt;initvector&gt;{0,1}&lt;/initvector&gt;   &lt;key&gt;{0,1}&lt;/key&gt;   &lt;bytes&gt;{0,1}&lt;/bytes&gt;   &lt;checksums&gt;{0,1}&lt;/checksums&gt; &lt;/decryptinfo&gt;</pre>
Source	<pre>&lt;xsd:element name="decryptinfo" type="decryptinfo" maxOccurs="1" minOccurs="0"/&gt;</pre>

### Element decryptinfo / cipher

Namespace	No namespace
Annotations	Contains info about the cipher for decryption like AES, RIJNDAEL, XOR, Arcfour, whatever - should be "convenient".
Diagram	
Type	xsd:string
Properties	content: simple minOccurs: 0 maxOccurs: 1
Source	<pre>&lt;xsd:element name="cipher" type="xsd:string" minOccurs="0" maxOccurs="1"&gt;   &lt;xsd:annotation&gt;     &lt;xsd:documentation xml:lang="en"&gt;Contains info about the cipher for decryption like AES, RIJNDAEL, XOR, Arcfour, whatever - should be "convenient".&lt;/xsd:documentation&gt;   &lt;/xsd:annotation&gt; &lt;/xsd:element&gt;</pre>

### Element decryptinfo / initvector

Namespace	No namespace
Diagram	
Type	xsd:string
Properties	content: simple minOccurs: 0 maxOccurs: 1
Source	<pre>&lt;xsd:element name="initvector" type="xsd:string" minOccurs="0" maxOccurs="1"/&gt;</pre>

### Element decryptinfo / key

Namespace	No namespace
Diagram	
Type	xsd:string
Properties	content: simple minOccurs: 0

	maxOccurs: 1
Source	<xsd:element name="key" type="xsd:string" minOccurs="0" maxOccurs="1"/>

### Element decryptinfo / bytes

Namespace	No namespace						
Diagram	<p>The diagram shows the 'bytes' element with its type 'xsd:string'. A tooltip indicates that '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	<xsd:element name="bytes" type="xsd:string" minOccurs="0" maxOccurs="1"/>						

### Element decryptinfo / checksums

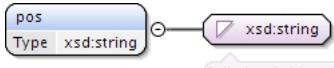
Namespace	No namespace						
Diagram	<p>The diagram shows the 'checksums' element containing three sub-elements: 'md5', 'sha1', and 'sha256', all of type 'xsd:string'. A tooltip states 'This element contains checksums for the file.'</p>						
Type	checksums						
Properties	<table border="1"> <tr> <td>content:</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	ALL(md5{0,1} sha1{0,1} sha256{0,1})						
Children	md5, sha1, sha256						
Instance	<pre>&lt;checksums&gt;   &lt;md5&gt;{0,1}&lt;/md5&gt;   &lt;sha1&gt;{0,1}&lt;/sha1&gt;   &lt;sha256&gt;{0,1}&lt;/sha256&gt; &lt;/checksums&gt;</pre>						
Source	<xsd:element name="checksums" type="checksums" minOccurs="0" maxOccurs="1"/>						

### Element bundle / purchase

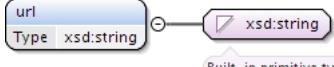
Namespace	No namespace
Diagram	<p>The diagram shows the 'purchase' element containing two sub-elements: 'pos' and 'url', both of type 'xsd:string'. A tooltip states 'This element contains information about purchase. Mostly when this feeds recipient is a POS.'</p>
Type	purchase
Properties	content: complex

	minOccurs: 0 maxOccurs: 1
Model	ALL(pos url)
Children	pos, url
Instance	<pre>&lt;purchase&gt;   &lt;pos&gt;{1,1}&lt;/pos&gt;   &lt;url&gt;{1,1}&lt;/url&gt; &lt;/purchase&gt;</pre>
Source	<pre>&lt;xsd:element name="purchase" type="purchase" maxOccurs="1" minOccurs="0"/&gt;</pre>

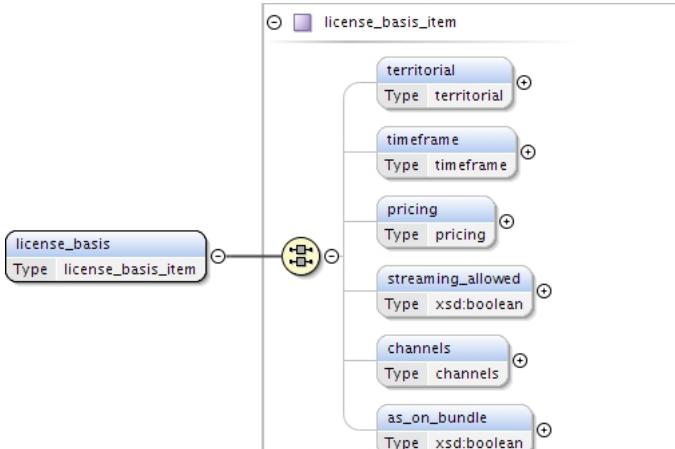
### Element purchase / pos

Namespace	No namespace
Diagram	 <p>Built-in primitive type. The string datatype represents character strings in XML.</p>
Type	xsd:string
Properties	content: simple
Source	<pre>&lt;xsd:element name="pos" type="xsd:string"/&gt;</pre>

### Element purchase / url

Namespace	No namespace
Diagram	 <p>Built-in primitive type. The string datatype represents character strings in XML.</p>
Type	xsd:string
Properties	content: simple
Source	<pre>&lt;xsd:element name="url" type="xsd:string"/&gt;</pre>

### Element item / license\_basis

Namespace	No namespace
Diagram	 <p>This element includes the basic rules and information under which this bundle is provided. The optional element...</p>
Type	license_basis_item
Properties	content: complex
Model	ALL(territorial{0,1} timeframe{0,1} pricing{0,1} streaming_allowed{0,1} channels{0,1} as_on_bundle{0,1})

Children	as_on_bundle, channels, pricing, streaming_allowed, territorial, timeframe
Instance	<pre>&lt;license_basis&gt;   &lt;territorial&gt;{0,1}&lt;/territorial&gt;   &lt;timeframe&gt;{0,1}&lt;/timeframe&gt;   &lt;pricing&gt;{0,1}&lt;/pricing&gt;   &lt;streaming_allowed&gt;{0,1}&lt;/streaming_allowed&gt;   &lt;channels&gt;{0,1}&lt;/channels&gt;   &lt;as_on_bundle&gt;{0,1}&lt;/as_on_bundle&gt; &lt;/license_basis&gt;</pre>
Source	<xsd:element name="license_basis" type="license_basis_item"/>

### Element license\_basis\_item / territorial

Namespace	No namespace						
Diagram	<p>This Element is a container for territories. There should be a entry for all territories (ISO 3166-1 country code) with...</p>						
Type	territorial						
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	territory*						
Children	territory						
Instance	<pre>&lt;territorial&gt;   &lt;territory type=""&gt;{0,unbounded}&lt;/territory&gt; &lt;/territorial&gt;</pre>						
Source	<xsd:element name="territorial" type="territorial" maxOccurs="1" minOccurs="0"/>						

### Element license\_basis\_item / timeframe

Namespace	No namespace						
Diagram	<p>Timeframe contains the most-recent-release-date from which on receiver may use this and the cancellation-date.</p>						
Type	timeframe						
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	from , to						
Children	from, to						
Instance	<pre>&lt;timeframe&gt;   &lt;from&gt;{1,1}&lt;/from&gt;   &lt;to&gt;{1,1}&lt;/to&gt; &lt;/timeframe&gt;</pre>						
Source	<xsd:element name="timeframe" type="timeframe" maxOccurs="1" minOccurs="0"/>						

### Element license\_basis\_item / pricing

Namespace	No namespace
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Diagram	
Type	pricing
Properties	<p>content: complex</p> <p>minOccurs: 0</p> <p>maxOccurs: 1</p>
Model	ALL(pricecode{0,1} wholesale{0,1})
Children	pricecode, wholesale
Instance	<pricing> <pricecode>{0,1}</pricecode> <wholesale>{0,1}</wholesale> </pricing>
Source	<xsd:element name="pricing" type="pricing" maxOccurs="1" minOccurs="0"/>

#### Element license\_basis\_item / streaming\_allowed

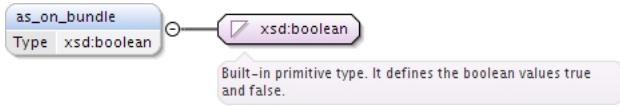
Namespace	No namespace
Diagram	
Type	xsd:boolean
Properties	<p>content: simple</p> <p>minOccurs: 0</p> <p>maxOccurs: 1</p>
Source	<xsd:element name="streaming_allowed" type="xsd:boolean" maxOccurs="1" minOccurs="0"/>

#### Element license\_basis\_item / channels

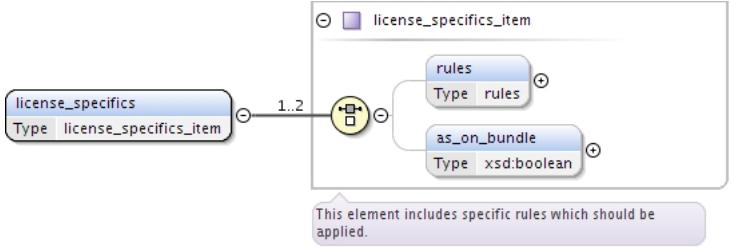
Namespace	No namespace
Diagram	
Type	channels
Properties	<p>content: complex</p> <p>minOccurs: 0</p> <p>maxOccurs: 1</p>
Model	channel*
Children	channel
Instance	<channels> <channel type="">{0,unbounded}</channel> </channels>
Source	<xsd:element name="channels" type="channels" maxOccurs="1" minOccurs="0"/>

#### Element license\_basis\_item / as\_on\_bundle

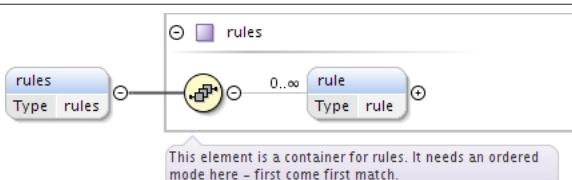
Namespace	No namespace
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Diagram	 Built-in primitive type. It defines the boolean values true and false.
Type	xsd:boolean
Properties	<p>content: simple</p> <p>minOccurs: 0</p> <p>maxOccurs: 1</p>
Source	<xsd:element name="as_on_bundle" type="xsd:boolean" maxOccurs="1" minOccurs="0" />

### Element item / license\_specifics

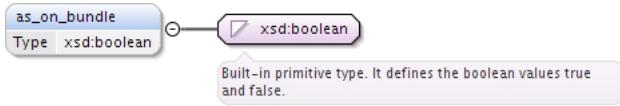
Namespace	No namespace
Diagram	 This element includes specific rules which should be applied.
Type	license_specifics_item
Properties	content: complex
Model	rules{0,1}   as_on_bundle{0,1}
Children	as_on_bundle, rules
Instance	<license_specifics> <rules>{0,1}</rules> <as_on_bundle>{0,1}</as_on_bundle> </license_specifics>
Source	<xsd:element name="license_specifics" type="license_specifics_item"/>

### Element license\_specifics\_item / rules

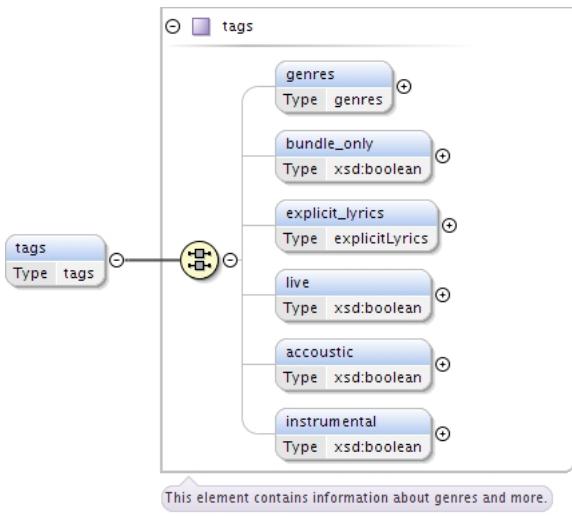
Namespace	No namespace
Diagram	 This element is a container for rules. It needs an ordered mode here - first come first match.
Type	rules
Properties	<p>content: complex</p> <p>minOccurs: 0</p> <p>maxOccurs: 1</p>
Model	rule*
Children	rule
Instance	<rules> <rule num="">{0,unbounded}</rule> </rules>
Source	<xsd:element name="rules" type="rules" maxOccurs="1" minOccurs="0" />

### Element license\_specifics\_item / as\_on\_bundle

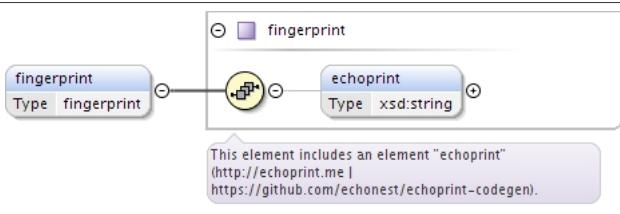
Namespace	No namespace
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Diagram	
Type	xsd:boolean
Properties	<p>content: simple</p> <p>minOccurs: 0</p> <p>maxOccurs: 1</p>
Source	<xsd:element name="as_on_bundle" type="xsd:boolean" maxOccurs="1" minOccurs="0" />

## Element item / tags

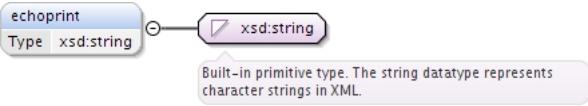
Namespace	No namespace
Diagram	
Type	tags
Properties	<p>content: complex</p> <p>minOccurs: 0</p> <p>maxOccurs: 1</p>
Model	ALL(genres{0,1} bundle_only{0,1} explicit_lyrics{0,1} live{0,1} acoustic{0,1} instrumental{0,1})
Children	acoustic, bundle_only, explicit_lyrics, genres, instrumental, live
Instance	<pre>&lt;tags&gt;   &lt;genres&gt;{0,1}&lt;/genres&gt;   &lt;bundle_only&gt;{0,1}&lt;/bundle_only&gt;   &lt;explicit_lyrics&gt;{0,1}&lt;/explicit_lyrics&gt;   &lt;live&gt;{0,1}&lt;/live&gt;   &lt;acoustic&gt;{0,1}&lt;/acoustic&gt;   &lt;instrumental&gt;{0,1}&lt;/instrumental&gt; &lt;/tags&gt;</pre>
Source	<xsd:element name="tags" type="tags" maxOccurs="1" minOccurs="0" />

## Element item / fingerprint

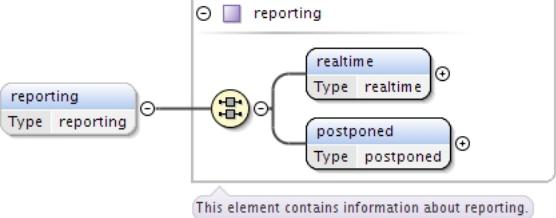
Namespace	No namespace
Diagram	
Type	fingerprint
Properties	content: complex

	minOccurs: 0 maxOccurs: 1
Model	echoprint{0,1}
Children	echoprint
Instance	<fingerprint> <echoprint>{0,1}</echoprint> </fingerprint>
Source	<xsd:element name="fingerprint" type="fingerprint" maxOccurs="1" minOccurs="0"/>

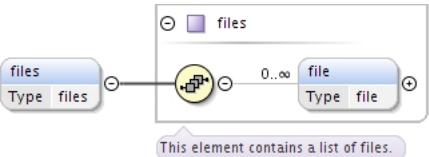
## Element **fingerprint** / **echoprint**

Namespace	No namespace
Diagram	 <p>Built-in primitive type. The string datatype represents character strings in XML.</p>
Type	xsd:string
Properties	content: simple minOccurs: 0 maxOccurs: 1
Source	<xsd:element name="echoprint" type="xsd:string" maxOccurs="1" minOccurs="0"/>

## Element **item** / **reporting**

Namespace	No namespace
Diagram	 <p>This element contains information about reporting.</p>
Type	reporting
Properties	content: complex minOccurs: 0 maxOccurs: 1
Model	ALL(realtime postponed)
Children	postponed, realtime
Instance	<reporting> <realtime>{1,1}</realtime> <postponed>{1,1}</postponed> </reporting>
Source	<xsd:element name="reporting" type="reporting" maxOccurs="1" minOccurs="0"/>

## Element **item** / **files**

Namespace	No namespace
Diagram	 <p>This element contains a list of files.</p>
Type	files

Properties	content: complex minOccurs: 0 maxOccurs: 1
Model	file*
Children	file
Instance	<pre>&lt;files&gt;   &lt;file&gt;{0,unbounded}&lt;/file&gt; &lt;/files&gt;</pre>
Source	<pre>&lt;xsd:element name="files" type="files" maxOccurs="1" minOccurs="0" /&gt;</pre>

## Element feed / item

Namespace	No namespace
Diagram	<pre> classDiagram     class item {         displayname : xsd:string         name : xsd:string         version : xsd:string         type : xsd:string         display_artistname : xsd:string         ids : ids         contributors : contributors         information : information         license_basis : license_basis_item         license_specifics : license_specifics_item         tags : tags         fingerprint : fingerprint         reporting : reporting         files : files     }     item &lt; -- item     note over item: This element contains information about a item just like a track. The type describes what the item is e.g. audio, ...   </pre>
Type	item
Properties	content: complex minOccurs: 0 maxOccurs: unbounded
Model	ALL(displayname name version type display_artistname{0,1} ids{0,1} contributors information license_basis license_specifics tags{0,1} fingerprint{0,1} reporting{0,1} files{0,1})
Children	contributors, display_artistname, displayname, files, fingerprint, ids, information, license_basis, license_specifics, name, reporting, tags, type, version
Instance	<pre>&lt;item&gt;</pre>

	<pre> &lt;displayname&gt;{1,1}&lt;/displayname&gt; &lt;name&gt;{1,1}&lt;/name&gt; &lt;version&gt;{1,1}&lt;/version&gt; &lt;type&gt;{1,1}&lt;/type&gt; &lt;display_artistname&gt;{0,1}&lt;/display_artistname&gt; &lt;ids&gt;{0,1}&lt;/ids&gt; &lt;contributors&gt;{1,1}&lt;/contributors&gt; &lt;information&gt;{1,1}&lt;/information&gt; &lt;license_basis&gt;{1,1}&lt;/license_basis&gt; &lt;license_specifics&gt;{1,1}&lt;/license_specifics&gt; &lt;tags&gt;{0,1}&lt;/tags&gt; &lt;fingerprint&gt;{0,1}&lt;/fingerprint&gt; &lt;reporting&gt;{0,1}&lt;/reporting&gt; &lt;files&gt;{0,1}&lt;/files&gt; &lt;/item&gt; </pre>
Source	<xsd:element name="item" type="item" maxOccurs="unbounded" minOccurs="0"/>

## Complex Type(s)

### Complex Type feedinfo

Namespace	No namespace
Annotations	<p>On feedinfo-level there are the global information needed or at least valuable for ingesting / identifying the content sent. It is defined, when the feed was created, when it shall be come effective, who created the feed and who is the receiver of the feed. Also the sender (which can diverge from the creator) is to be stated. The licensor is also to be stated (which in turn can also diverge from the creator and/or the sender). There can be "actions" defined on the receiving-party's side which should be "done" when initially receiving this feed, or starting to process the feed for ingestion or finishing the feeds processing. Additionally when everything could be interpreted correctly (in the sense of the receiving party), a "full-success-action" could be issued; likewise if "some error" occurred while processing the feed, an "onerror-action" could be issued. Those actions are initially defined to be email-notifications or http-calls; we also included some action to have a "registered letter" and/or "fax" to be sent; wether this is accepted/handled by the receiving party is to be dealt with contractually (we included a field for stating how much the sending party will cover the fee max.).</p>
Diagram	<pre> classDiagram     class feedinfo {         onlytest : xsd:boolean         feedid : xsd:string         creationdatetime : datetimeGMT         effectivedatetime : datetimeGMT         creator : creator         receiver : receiver         sender : sender         licensor : licensor         licensee : licensee         actions : actions     }     feedinfo --&gt; feedinfo </pre> <p>On feedinfo-level there are the global information needed or at least valuable for ingesting / identifying the content...</p>
Used by	Element feed/feedinfo

Model	ALL(onlytest feedid creationdatetime effectivedatetime creator{0,1} receiver sender licensor licensee actions{0,1})
Children	actions, creationdatetime, creator, effectivedatetime, feedid, licensee, licensor, onlytest, receiver, sender
Source	<pre> &lt;xsd:complexType name="feedinfo"&gt;   &lt;xsd:annotation&gt;     &lt;xsd:documentation xml:lang="en"&gt;On feedinfo-level there are the global information needed or at least valuable for ingesting / identifying the content sent. It is defined, when the feed was created, when it shall be come effective, who created the feed and who is the receiver of the feed. Also the sender (which can diverge from the creator) is to be stated. The licensor is also to be stated (which in turn can also diverge from the creator and/or the sender). There can be "actions" defined on the receiving-party's side which should be "done" when initially receiving this feed, or starting to process the feed for ingestion or finishing the feeds processing. Additionally when everything could be interpreted correctly (in the sense of the receiving party), a "full-success-action" could be issued; likewise if "some error" occurred while processing the feed, an "onerror-action" could be issued. Those actions are initially defined to be email-notifications or http-calls; we also included some action to have a "registered letter" and/or "fax" to be sent; whether this is accepted/handled by the receiving party is to be dealt with contractually (we included a field for stating how much the sending party will cover the fee max.).&lt;/xsd:documentation&gt;   &lt;/xsd:annotation&gt;   &lt;xsd:all&gt;     &lt;xsd:element name="onlytest" type="xsd:boolean"/&gt;     &lt;xsd:element name="feedid" type="xsd:string"/&gt;     &lt;xsd:element name="creationdatetime" type="datetimetypeGMT"/&gt;     &lt;xsd:element name="effectivedatetime" type="datetimetypeGMT"/&gt;     &lt;xsd:element name="creator" type="creator" maxOccurs="1" minOccurs="0"/&gt;     &lt;xsd:element name="receiver" type="receiver"/&gt;     &lt;xsd:element name="sender" type="sender"/&gt;     &lt;xsd:element name="licensor" type="licensor"/&gt;     &lt;xsd:element name="licensee" type="licensee"/&gt;     &lt;xsd:element name="actions" type="actions" maxOccurs="1" minOccurs="0"/&gt;   &lt;/xsd:all&gt; &lt;/xsd:complexType&gt;</pre>

## Complex Type creator

Namespace	No namespace
Annotations	This element contains information about the creator of that feed.
Diagram	<pre> graph LR     creator[creator] --&gt; email[email]     creator --&gt; userid[userid]     creator --&gt; keyid[keyid]     </pre> <p>This element contains information about the creator of that feed.</p>
Used by	Element feedinfo/creator
Model	ALL(email userid{0,1} keyid{0,1})
Children	email, keyid, userid
Source	<pre> &lt;xsd:complexType name="creator"&gt;   &lt;xsd:annotation&gt;     &lt;xsd:documentation xml:lang="en"&gt;This element contains information about the creator of that feed.&lt;/xsd:documentation&gt;   &lt;/xsd:annotation&gt;   &lt;xsd:all&gt;     &lt;xsd:element name="email" type="email"&gt;       &lt;xsd:annotation&gt;         &lt;xsd:documentation xml:lang="en"&gt;Content should be an email-address of the *user* on the sending side.&lt;/xsd:documentation&gt;       &lt;/xsd:annotation&gt;     &lt;/xsd:element&gt;     &lt;xsd:element name="userid" type="userid" maxOccurs="1" minOccurs="0"&gt;       &lt;xsd:annotation&gt;         &lt;xsd:documentation xml:lang="en"&gt;This should be an unique id of the *user* on the sending side.&lt;/xsd:documentation&gt;       &lt;/xsd:annotation&gt;     &lt;/xsd:element&gt;     &lt;xsd:element name="keyid" type="xsd:string" maxOccurs="1" minOccurs="0"/&gt;   &lt;/xsd:all&gt; &lt;/xsd:complexType&gt;</pre>

</xsd:complexType>

## Complex Type receiver

Namespace	No namespace
Annotations	This element contains information about the receiver of that feed.
Diagram	<pre> classDiagram     class receiver {         type         servername         serveripv4         serveripv6         authtype         username         crypto     }     receiver &lt; -- receiver   </pre>
Used by	Element feedinfo/receiver
Model	ALL(type servername serveripv4 serveripv6{0,1} authtype username{0,1} crypto{0,1})
Children	authtype, crypto, serveripv4, serveripv6, servername, type, username
Source	<pre> &lt;xsd:complexType name="receiver"&gt;   &lt;xsd:annotation&gt;     &lt;xsd:documentation xml:lang="en"&gt;This element contains information about the receiver of that feed.&lt;/xsd:documentation&gt;   &lt;/xsd:annotation&gt;   &lt;xsd:all&gt;     &lt;xsd:element name="type" type="receivertypes"/&gt;     &lt;xsd:element name="servername" type="iporhostname"/&gt;     &lt;xsd:element name="serveripv4" type="ipv4"/&gt;     &lt;xsd:element name="serveripv6" type="ipv6" maxOccurs="1" minOccurs="0"/&gt;     &lt;xsd:element name="authtype" type="authtype"/&gt;     &lt;xsd:element name="username" type="xsd:string" maxOccurs="1" minOccurs="0"/&gt;     &lt;xsd:element name="crypto" type="crypto" maxOccurs="1" minOccurs="0"/&gt;   &lt;/xsd:all&gt; &lt;/xsd:complexType&gt;   </pre>

## Complex Type crypto

Namespace	No namespace
Annotations	This element contains crypto information for secure and authenticated transfer.
Diagram	<pre> classDiagram     class crypto {         relatedemail         usedkeyid         usedpubkey     }     crypto &lt; -- crypto   </pre>
Used by	Element receiver/crypto
Model	ALL(relatedemail{0,1} usedkeyid{0,1} usedpubkey{0,1})
Children	relatedemail, usedkeyid, usedpubkey
Source	<pre> &lt;xsd:complexType name="crypto"&gt;   &lt;xsd:annotation&gt;     &lt;xsd:documentation xml:lang="en"&gt;This element contains crypto information for secure and authenticated transfer.&lt;/xsd:documentation&gt;   &lt;/xsd:annotation&gt;   &lt;xsd:all&gt;     &lt;xsd:element name="relatedemail" type="email" maxOccurs="1" minOccurs="0"/&gt;     &lt;xsd:element name="usedkeyid" type="keyid" maxOccurs="1" minOccurs="0"/&gt;     &lt;xsd:element name="usedpubkey" type="xsd:base64Binary" maxOccurs="1" minOccurs="0"/&gt;   &lt;/xsd:all&gt; &lt;/xsd:complexType&gt;   </pre>

```
</xsd:all>
</xsd:complexType>
```

## Complex Type sender

Namespace	No namespace
Annotations	This element contains information about the sender of that feed.
Diagram	<pre> classDiagram     class sender {         &lt;&lt;This element contains information about the sender of that feed.&gt;&gt;     }     class contractpartnerid {         Type xsd:string     }     class ourcontractpartnerid {         Type xsd:string     }     class email {         Type email     }     class keyid {         Type xsd:string     }     sender "1..&gt;" contractpartnerid     sender "1..&gt;" ourcontractpartnerid     sender "1..&gt;" email     sender "1..&gt;" keyid   </pre>
Used by	Element feedinfo/sender
Model	ALL(contractpartnerid ourcontractpartnerid email{0,1} keyid{0,1})
Children	contractpartnerid, email, keyid, ourcontractpartnerid
Source	<pre> &lt;xsd:complexType name="sender"&gt;   &lt;xsd:annotation&gt;     &lt;xsd:documentation xml:lang="en"&gt;This element contains information about the sender of that feed.&lt;/xsd:documentation&gt;   &lt;/xsd:annotation&gt;   &lt;xsd:all&gt;     &lt;xsd:element name="contractpartnerid" type="xsd:string"/&gt;     &lt;xsd:element name="ourcontractpartnerid" type="xsd:string"/&gt;     &lt;xsd:element name="email" type="email" maxOccurs="1" minOccurs="0"/&gt;     &lt;xsd:element name="keyid" type="xsd:string" maxOccurs="1" minOccurs="0"/&gt;   &lt;/xsd:all&gt; &lt;/xsd:complexType&gt;   </pre>

## Complex Type licensor

Namespace	No namespace
Annotations	This element contains information about the licensor of that feed.
Diagram	<pre> classDiagram     class licensor {         &lt;&lt;This element contains information about the licensor of that feed.&gt;&gt;     }     class contractpartnerid {         Type xsd:string     }     class ourcontractpartnerid {         Type xsd:string     }     class email {         Type email     }     class keyid {         Type xsd:string     }     licensor "1..&gt;" contractpartnerid     licensor "1..&gt;" ourcontractpartnerid     licensor "1..&gt;" email     licensor "1..&gt;" keyid   </pre>
Used by	Element feedinfo/licensor
Model	ALL(contractpartnerid ourcontractpartnerid email{0,1} keyid{0,1})
Children	contractpartnerid, email, keyid, ourcontractpartnerid
Source	<pre> &lt;xsd:complexType name="licensor"&gt;   &lt;xsd:annotation&gt;     &lt;xsd:documentation xml:lang="en"&gt;This element contains information about the licensor of that feed.&lt;/xsd:documentation&gt;   &lt;/xsd:annotation&gt;   &lt;xsd:all&gt;     &lt;xsd:element name="contractpartnerid" type="xsd:string"/&gt;     &lt;xsd:element name="ourcontractpartnerid" type="xsd:string"/&gt;     &lt;xsd:element name="email" type="email" maxOccurs="1" minOccurs="0"/&gt;     &lt;xsd:element name="keyid" type="xsd:string" maxOccurs="1" minOccurs="0"/&gt;   &lt;/xsd:all&gt; &lt;/xsd:complexType&gt;   </pre>

## Complex Type licensee

Namespace	No namespace
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Annotations	This element contains information about the licensee of that feed.
Diagram	<pre> classDiagram     class licensee {         contractpartnerid         ourcontractpartnerid         email         keyid     }     licensee &lt; --&gt; licensee   </pre>
Used by	Element feedinfo/licensee
Model	ALL(contractpartnerid ourcontractpartnerid email{0,1} keyid{0,1})
Children	contractpartnerid, email, keyid, ourcontractpartnerid
Source	<pre> &lt;xsd:complexType name="licensee"&gt;   &lt;xsd:annotation&gt;     &lt;xsd:documentation xml:lang="en"&gt;This element contains information about the licensee of that feed.&lt;/xsd:documentation&gt;   &lt;/xsd:annotation&gt;   &lt;xsd:all&gt;     &lt;xsd:element name="contractpartnerid" type="xsd:string"/&gt;     &lt;xsd:element name="ourcontractpartnerid" type="xsd:string"/&gt;     &lt;xsd:element name="email" type="email" maxOccurs="1" minOccurs="0"/&gt;     &lt;xsd:element name="keyid" type="xsd:string" maxOccurs="1" minOccurs="0"/&gt;   &lt;/xsd:all&gt; &lt;/xsd:complexType&gt;   </pre>

## Complex Type actions

Namespace	No namespace
Annotations	This element contains information about possible actions with the feed.
Diagram	<pre> classDiagram     class actions {         oninitialreceive         onprocessstart         onprocessend         onfullsuccess         onerror     }     actions &lt; --&gt; actions   </pre>
Used by	Element feedinfo/actions
Model	ALL(oninitialreceive{0,1} onprocessstart{0,1} onprocessend{0,1} onfullsuccess{0,1} onerror{0,1})
Children	onerror, onfullsuccess, oninitialreceive, onprocessend, onprocessstart
Source	<pre> &lt;xsd:complexType name="actions"&gt;   &lt;xsd:annotation&gt;     &lt;xsd:documentation xml:lang="en"&gt;This element contains information about possible actions with the feed.&lt;/xsd:documentation&gt;   &lt;/xsd:annotation&gt;   &lt;xsd:all&gt;     &lt;xsd:element name="oninitialreceive" type="event" maxOccurs="1" minOccurs="0"/&gt;     &lt;xsd:element name="onprocessstart" type="event" maxOccurs="1" minOccurs="0"/&gt;     &lt;xsd:element name="onprocessend" type="event" maxOccurs="1" minOccurs="0"/&gt;     &lt;xsd:element name="onfullsuccess" type="event" maxOccurs="1" minOccurs="0"/&gt;     &lt;xsd:element name="onerror" type="event" maxOccurs="1" minOccurs="0"/&gt;   &lt;/xsd:all&gt; &lt;/xsd:complexType&gt;   </pre>

## Complex Type event

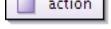
Namespace	No namespace
Annotations	This element contains information about possible events and actions.

Diagram	
Used by	Elements actions/onerror, actions/onfullsuccess, actions/oninitialreceive, actions/onprocessend, actions/onprocessstart Complex Types onerror, onfullsuccess, oninitialreceive, onprocessend, onprocessstart
Model	mailto*, http*, fax*, letter*
Children	fax, http, letter, mailto
Source	<pre>&lt;xsd:complexType name="event"&gt;   &lt;xsd:annotation&gt;     &lt;xsd:documentation xml:lang="en"&gt;This element contains information about possible events and actions.&lt;/xsd:documentation&gt;   &lt;/xsd:annotation&gt;   &lt;xsd:sequence&gt;     &lt;xsd:element name="mailto" type="mailto" minOccurs="0" maxOccurs="unbounded" /&gt;     &lt;xsd:element name="http" type="http" minOccurs="0" maxOccurs="unbounded" /&gt;     &lt;xsd:element name="fax" type="fax" minOccurs="0" maxOccurs="unbounded" /&gt;     &lt;xsd:element name="letter" type="letter" minOccurs="0" maxOccurs="unbounded" /&gt;   &lt;/xsd:sequence&gt; &lt;/xsd:complexType&gt;</pre>

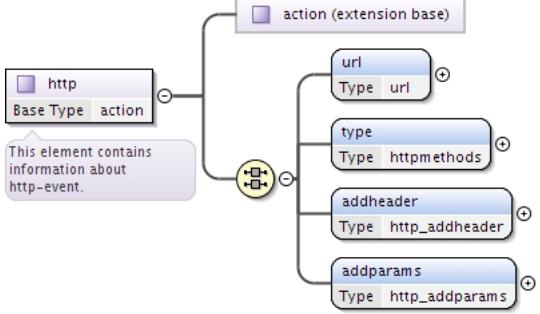
## Complex Type mailto

Namespace	No namespace
Annotations	This element contains information about mailto-event.
Diagram	
Type	extension of action
Type hierarchy	<ul style="list-style-type: none"> <li>action</li> <li>mailto</li> </ul>
Used by	Element event/mailto
Model	receiver+, subject, text
Children	receiver, subject, text
Source	<pre>&lt;xsd:complexType name="mailto"&gt;   &lt;xsd:annotation&gt;     &lt;xsd:documentation xml:lang="en"&gt;This element contains information about mailto-event.&lt;/xsd:documentation&gt;   &lt;/xsd:annotation&gt;   &lt;xsd:complexContent&gt;     &lt;xsd:extension base="action"&gt;       &lt;xsd:sequence&gt;         &lt;xsd:element name="receiver" type="emaillist" minOccurs="1" maxOccurs="unbounded" /&gt;         &lt;xsd:element name="subject" type="xsd:string" /&gt;         &lt;xsd:element name="text" type="xsd:string" /&gt;       &lt;/xsd:sequence&gt;     &lt;/xsd:extension&gt;   &lt;/xsd:complexContent&gt; &lt;/xsd:complexType&gt;</pre>

## Complex Type action

Namespace	No namespace
Diagram	
Used by	Complex Types fax, fileFtp, fileHttp, http, mailto
Source	<xsd:complexType name="action"/>

## Complex Type http

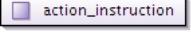
Namespace	No namespace
Annotations	This element contains information about http-event.
Diagram	
Type	extension of action
Type hierarchy	<ul style="list-style-type: none"> <li>• action</li> <li>• http</li> </ul>
Used by	Elements event/http, realtime/http
Model	ALL(url type addheader addparams)
Children	addheader, addparams, type, url
Source	<pre>&lt;xsd:complexType name="http"&gt;   &lt;xsd:annotation&gt;     &lt;xsd:documentation xml:lang="en"&gt;This element contains information about http-event.&lt;/xsd:documentation&gt;   &lt;/xsd:annotation&gt;   &lt;xsd:complexContent&gt;     &lt;xsd:extension base="action"&gt;       &lt;xsd:all&gt;         &lt;xsd:element name="url" type="url"/&gt;         &lt;xsd:element name="type" type="httpmethods"/&gt;         &lt;xsd:element name="addheader" type="http_addheader"/&gt;         &lt;xsd:element name="addparams" type="http_addparams"/&gt;       &lt;/xsd:all&gt;     &lt;/xsd:extension&gt;   &lt;/xsd:complexContent&gt; &lt;/xsd:complexType&gt;</pre>

## Complex Type http\_addheader

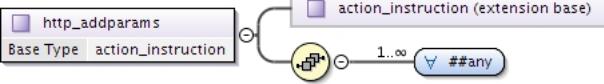
Namespace	No namespace
Diagram	
Type	extension of action_instruction
Type hierarchy	<ul style="list-style-type: none"> <li>• action_instruction</li> <li>• http_addheader</li> </ul>
Used by	Element http/addheader
Model	ANY element from ANY namespace

Source	<pre>&lt;xsd:complexType name="http_addheader"&gt;   &lt;xsd:complexContent mixed="false"&gt;     &lt;xsd:extension base="action_instruction"&gt;       &lt;xsd:sequence&gt;         &lt;xsd:any processContents="lax" maxOccurs="unbounded" /&gt;       &lt;/xsd:sequence&gt;     &lt;/xsd:extension&gt;   &lt;/xsd:complexContent&gt; &lt;/xsd:complexType&gt;</pre>
--------	--

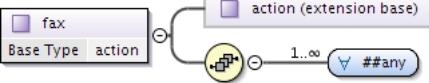
## Complex Type action\_instruction

Namespace	No namespace
Diagram	
Used by	Complex Types http_addheader, http_addparams
Source	<xsd:complexType name="action_instruction"/>

## Complex Type http\_addparams

Namespace	No namespace
Diagram	
Type	extension of action_instruction
Type hierarchy	<ul style="list-style-type: none"> <li>• action_instruction</li> <li>• http_addparams</li> </ul>
Used by	Element http/addparams
Model	ANY element from ANY namespace
Source	<pre>&lt;xsd:complexType name="http_addparams"&gt;   &lt;xsd:complexContent&gt;     &lt;xsd:extension base="action_instruction"&gt;       &lt;xsd:sequence&gt;         &lt;xsd:any processContents="lax" maxOccurs="unbounded" /&gt;       &lt;/xsd:sequence&gt;     &lt;/xsd:extension&gt;   &lt;/xsd:complexContent&gt; &lt;/xsd:complexType&gt;</pre>

## Complex Type fax

Namespace	No namespace
Diagram	
Type	extension of action
Type hierarchy	<ul style="list-style-type: none"> <li>• action</li> <li>• fax</li> </ul>
Used by	Element event/fax
Model	ANY element from ANY namespace
Source	<pre>&lt;xsd:complexType name="fax"&gt;   &lt;xsd:complexContent&gt;     &lt;xsd:extension base="action"&gt;       &lt;xsd:sequence&gt;         &lt;xsd:any processContents="lax" maxOccurs="unbounded" /&gt;       &lt;/xsd:sequence&gt;     &lt;/xsd:extension&gt;   &lt;/xsd:complexContent&gt; &lt;/xsd:complexType&gt;</pre>

## Complex Type letter

Namespace	No namespace
Annotations	This element contains information about the letter event.
Diagram	<pre> classDiagram     class letter {         &lt;&lt;This element contains information about the letter event.&gt;&gt;     }     letter "0..1" *-- "1" registered : registered     letter "0..1" *-- "1" to : to     letter "0..1" *-- "1" text : text     letter "0..1" *-- "1" costscoveredby : costscoveredby   </pre>
Used by	Element event/letter
Model	ALL(registered to text costscoveredby)
Children	costscoveredby, registered, text, to
Source	<pre> &lt;xsd:complexType name="letter"&gt;   &lt;xsd:annotation&gt;     &lt;xsd:documentation xml:lang="en"&gt;This element contains information about the letter event.&lt;/xsd:documentation&gt;   &lt;/xsd:annotation&gt;   &lt;xsd:all&gt;     &lt;xsd:element name="registered" type="xsd:boolean"&gt;       &lt;xsd:annotation&gt;         &lt;xsd:documentation xml:lang="en"&gt;This tells if letter must be registered or not.&lt;/xsd:documentation&gt;       &lt;/xsd:annotation&gt;     &lt;/xsd:element&gt;     &lt;xsd:element name="to" type="to"/&gt;     &lt;xsd:element name="text" type="xsd:string"&gt;       &lt;xsd:annotation&gt;         &lt;xsd:documentation xml:lang="en"&gt;This contains the content/text of letter.&lt;/xsd:documentation&gt;       &lt;/xsd:annotation&gt;     &lt;/xsd:element&gt;     &lt;xsd:element name="costscoveredby" type="costscoveredby"/&gt;   &lt;/xsd:all&gt; &lt;/xsd:complexType&gt;   </pre>

## Complex Type to

Namespace	No namespace
Annotations	This element contains information about recipient.
Diagram	<pre> classDiagram     class to {         &lt;&lt;This element contains information about recipient.&gt;&gt;     }     to "0..1" *-- "1" name : name     to "0..1" *-- "1" department : department     to "0..1" *-- "1" nameperson : nameperson     to "0..1" *-- "1" street : street     to "0..1" *-- "1" postcode : postcode     to "0..1" *-- "1" country : country     to "0..1" *-- "1" additionaladdressinfo : additionaladdressinfo   </pre>
Used by	Element letter/to

Model	ALL(name{0,1} department{0,1} nameperson{0,1} street postcode country additionaladdressinfo{0,1})
Children	additionaladdressinfo, country, department, name, nameperson, postcode, street
Source	<pre> &lt;xsd:complexType name="to"&gt;   &lt;xsd:annotation&gt;     &lt;xsd:documentation xml:lang="en"&gt;This element contains information about recipient.&lt;/xsd:documentation&gt;   &lt;/xsd:annotation&gt;   &lt;xsd:all&gt;     &lt;xsd:element name="name" type="xsd:string" minOccurs="0" maxOccurs="1"/&gt;     &lt;xsd:element name="department" type="xsd:string" minOccurs="0" maxOccurs="1"/&gt;     &lt;xsd:element name="nameperson" type="xsd:string" minOccurs="0" maxOccurs="1"/&gt;     &lt;xsd:element name="street" type="xsd:string"/&gt;     &lt;xsd:element name="postcode" type="xsd:string"/&gt;     &lt;xsd:element name="country" type="xsd:string"/&gt;     &lt;xsd:element name="additionaladdressinfo" type="xsd:string" minOccurs="0" maxOccurs="1"/&gt;   &lt;/xsd:all&gt; &lt;/xsd:complexType&gt;</pre>

## Complex Type costscoveredby

Namespace	No namespace
Annotations	This element contains information about who covered the costs of event.
Diagram	<pre> classDiagram     class costscoveredby {         +contractpartnerid : xsd:string         +ourcontractpartnerid : xsd:string         +maxcostscovered : xsd:string     }     note over costscoveredby: This element contains information about who covered the costs of event.     note over maxcostscovered: This contains the max amount that will be covered.   </pre>
Used by	Element letter/costscoveredby
Model	ALL(contractpartnerid ourcontractpartnerid maxcostscovered{0,1})
Children	contractpartnerid, maxcostscovered, ourcontractpartnerid
Source	<pre> &lt;xsd:complexType name="costscoveredby"&gt;   &lt;xsd:annotation&gt;     &lt;xsd:documentation xml:lang="en"&gt;This element contains information about who covered the costs of event.&lt;/xsd:documentation&gt;   &lt;/xsd:annotation&gt;   &lt;xsd:all&gt;     &lt;xsd:element name="contractpartnerid" type="xsd:string"/&gt;     &lt;xsd:element name="ourcontractpartnerid" type="xsd:string"/&gt;     &lt;xsd:element name="maxcostscovered" type="xsd:string" minOccurs="0" maxOccurs="1"&gt;       &lt;xsd:annotation&gt;         &lt;xsd:documentation xml:lang="en"&gt;This contains the max amount that will be covered.&lt;/xsd:documentation&gt;       &lt;/xsd:annotation&gt;     &lt;/xsd:element&gt;   &lt;/xsd:all&gt; &lt;/xsd:complexType&gt;</pre>

## Complex Type bundle

Namespace	No namespace
Annotations	<p>On bundle level, there are information on how to handle a collection of "items". This is mainly an album/ep/single. A bundle is identified by one unique identifier, but more unique identifiers could and should be transmitted as well (see below "ids"). Most notably on the bundle-level is the "bundle name" which is basically the conjunction of the "name"- and the "version"-field. Also to have this easy at hand, there should be the desired "display_artistname"-string be present on this level. Of course, the receiver of the feed can still calculate the "correct" display_artistname by evaluating the contributors (see below) for this.</p>

Diagram	<pre> classDiagram     class bundle {         +displayname         +name         +version         +display_artistname         +ids         +items         +contributors         +information         +license_basis         +license_specifics         +reporting         +tags         +files         +purchase     }     bundle &lt; --&gt; ids     bundle &lt; --&gt; items     bundle &lt; --&gt; contributors     bundle &lt; --&gt; information     bundle &lt; --&gt; license_basis     bundle &lt; --&gt; license_specifics     bundle &lt; --&gt; reporting     bundle &lt; --&gt; tags     bundle &lt; --&gt; files     bundle &lt; --&gt; purchase   </pre>
Used by	Elements feed/bundle, related/bundle
Model	ALL(displayname{0,1} name{0,1} version{0,1} display_artistname{0,1} ids items{0,1} contributors{0,1} information{0,1} license_basis{0,1} license_specifics{0,1} reporting{0,1} tags{0,1} files{0,1} purchase{0,1})
Children	contributors, display_artistname, displayname, files, ids, information, items, license_basis, license_specifics, name, purchase, reporting, tags, version
Source	<pre> &lt;xsd:complexType name="bundle"&gt;   &lt;xsd:annotation&gt;     &lt;xsd:documentation xml:lang="en"&gt;On bundle level, there are information on how to handle a collection of "items". This is mainly an album/ep/single. A bundle is identified by one unique identifier, but more unique identifiers could and should be transmitted as well (see below "ids"). Most notably on the bundle-level is the "bundle name" which is basically the conjunction of the "name"- and the "version"-field. Also to have this easy at hand, there should be the desired "display_artistname"-string be present on this level. Of course, the receiver of the feed can still calculate the "correct" display_artistname by evaluating the contributors (see below) for this.&lt;/xsd:documentation&gt;   &lt;/xsd:annotation&gt;   &lt;xsd:all&gt;     &lt;xsd:element name="displayname" type="xsd:string" maxOccurs="1" minOccurs="0"/&gt;     &lt;xsd:element name="name" type="xsd:string" maxOccurs="1" minOccurs="0"/&gt;     &lt;xsd:element name="version" type="xsd:string" maxOccurs="1" minOccurs="0"/&gt;     &lt;xsd:element name="display_artistname" type="xsd:string" maxOccurs="1" minOccurs="0"/&gt;     &lt;xsd:element name="ids" type="ids"/&gt;     &lt;xsd:element name="items" type="items" maxOccurs="1" minOccurs="0"/&gt;     &lt;xsd:element name="contributors" type="contributors" maxOccurs="1" minOccurs="0"/&gt;     &lt;xsd:element name="information" type="information" maxOccurs="1" minOccurs="0"/&gt;     &lt;xsd:element name="license_basis" type="license_basis" maxOccurs="1" minOccurs="0"/&gt;     &lt;xsd:element name="license_specifics" type="license_specifics" maxOccurs="1" minOccurs="0"/&gt;     &lt;xsd:element name="reporting" type="reporting" maxOccurs="1" minOccurs="0"/&gt;     &lt;xsd:element name="tags" type="tags" maxOccurs="1" minOccurs="0"/&gt;     &lt;xsd:element name="files" type="files" maxOccurs="1" minOccurs="0"/&gt;     &lt;xsd:element name="purchase" type="purchase" maxOccurs="1" minOccurs="0"/&gt;   &lt;/xsd:all&gt; &lt;/xsd:complexType&gt;   </pre>

## Complex Type ids

Namespace	No namespace
Annotations	This Element is a container for all IDs which are available for the associated element.
Diagram	<pre> graph TD     ids[ids] --&gt; grid["grid&lt;br/&gt;Type xsd:string"]     ids --&gt; upc["upc&lt;br/&gt;Type upc"]     ids --&gt; isrc["isrc&lt;br/&gt;Type isrc"]     ids --&gt; contentauth["contentauth&lt;br/&gt;Type xsd:string"]     ids --&gt; labelordernum["labelordernum&lt;br/&gt;Type xsd:string"]     ids --&gt; amzn["amzn&lt;br/&gt;Type xsd:string"]     ids --&gt; isbn["isbn&lt;br/&gt;Type xsd:string"]     ids --&gt; finetunes["finetunes&lt;br/&gt;Type finetunes"]     ids --&gt; licensor["licensor&lt;br/&gt;Type xsd:string"]     ids --&gt; licensee["licensee&lt;br/&gt;Type xsd:string"]     ids --&gt; gvl["gvl&lt;br/&gt;Type xsd:string"]   </pre> <p>This Element is a container for all IDs which are available for the associated element.</p>
Used by	Elements bundle/ids, contributor/ids, item/ids
Model	ALL(grid{0,1} upc{0,1} isrc{0,1} contentauth{0,1} labelordernum{0,1} amzn{0,1} isbn{0,1} finetunes{0,1} licensor{0,1} licensee{0,1} gvl{0,1})
Children	amzn, contentauth, finetunes, grid, gvl, isbn, isrc, labelordernum, licensee, licensor, upc
Source	<pre> &lt;xsd:complexType name="ids"&gt;   &lt;xsd:annotation&gt;     &lt;xsd:documentation xml:lang="en"&gt;This Element is a container for all IDs which are available for the associated element.&lt;/xsd:documentation&gt;   &lt;/xsd:annotation&gt;   &lt;xsd:all&gt;     &lt;xsd:element name="grid" type="xsd:string" maxOccurs="1" minOccurs="0"/&gt;     &lt;xsd:element name="upc" type="upc" maxOccurs="1" minOccurs="0"/&gt;     &lt;xsd:element name="isrc" type="isrc" maxOccurs="1" minOccurs="0"/&gt;     &lt;xsd:element name="contentauth" type="xsd:string" maxOccurs="1" minOccurs="0"/&gt;     &lt;xsd:element name="labelordernum" type="xsd:string" maxOccurs="1" minOccurs="0"/&gt;     &lt;xsd:element name="amzn" type="xsd:string" maxOccurs="1" minOccurs="0"/&gt;     &lt;xsd:element name="isbn" type="xsd:string" maxOccurs="1" minOccurs="0"/&gt;     &lt;xsd:element name="finetunes" type="finetunes" maxOccurs="1" minOccurs="0"/&gt;     &lt;xsd:element name="licensor" type="xsd:string" maxOccurs="1" minOccurs="0"/&gt;     &lt;xsd:element name="licensee" type="xsd:string" maxOccurs="1" minOccurs="0"/&gt;     &lt;xsd:element name="gvl" type="xsd:string" maxOccurs="1" minOccurs="0"/&gt;   &lt;/xsd:all&gt; &lt;/xsd:complexType&gt;   </pre>

## Complex Type items

Namespace	No namespace
Annotations	This element is a container for item-elements.
Diagram	<pre> graph TD     items[items] --&gt; item["item&lt;br/&gt;Type item"]     item -- "1..oo" --&gt; item   </pre> <p>This element is a container for item-elements.</p>
Used by	Element bundle/items

Model	item+
Children	item
Source	<pre>&lt;xsd:complexType name="items"&gt;   &lt;xsd:annotation&gt;     &lt;xsd:documentation xml:lang="en"&gt;This element is a container for item-elements.&lt;/   xsd:documentation&gt;   &lt;/xsd:annotation&gt;   &lt;xsd:sequence&gt;     &lt;xsd:element name="item" type="item" maxOccurs="unbounded" minOccurs="1" /&gt;   &lt;/xsd:sequence&gt; &lt;/xsd:complexType&gt;</pre>

## Complex Type item

Namespace	No namespace
Annotations	<p>This element contains information about a item just like a track.  The type describes what the item is e.g. audio, video, android-app et cetera.  The entry "version" is important if different versions of the bundle exist. The  licens_basic and  license_specifics contains information and rules about pricing, allowed and  disallowed territories, channels an so on. The child "files" hold information for the  associated  files for this item.</p>
Diagram	<pre> classDiagram     class item {         displayname : xsd:string         name : xsd:string         version : xsd:string         type : xsd:string         display_artistname : xsd:string         ids : ids         contributors : contributors         information : information         license_basis : license_basis_item         license_specifics : license_specifics_item         tags : tags         fingerprint : fingerprint         reporting : reporting         files : files     }   </pre>
Used by	Elements feed/item, items/item
Model	ALL(displayname name version type display_artistname{0,1} ids{0,1} contributors information license_basis license_specifics tags{0,1} fingerprint{0,1} reporting{0,1} files{0,1})
Children	contributors, display_artistname, displayname, files, fingerprint, ids, information, license_basis, license_specifics, name, reporting, tags, type, version
Source	<pre>&lt;xsd:complexType name="item"&gt;   &lt;xsd:annotation&gt;     &lt;xsd:documentation xml:lang="en"&gt;This element contains information about a item just like a track. The type describes what the item is e.g. audio, video, android-app et</pre>

```
cetera. The entry "version" is important if different versions of the bundle exist. The licens_basic and license_specifics contains information and rules about pricing, allowed and disallowed territories, channels an so on. The child "files" hold information for the associated files for this item.</xsd:documentation>
</xsd:annotation>
<xsd:all>
<xsd:element name="displayname" type="xsd:string"/>
<xsd:element name="name" type="xsd:string"/>
<xsd:element name="version" type="xsd:string"/>
<xsd:element name="type" type="xsd:string"/>
<xsd:element name="display_artistname" type="xsd:string" maxOccurs="1" minOccurs="0"/>
<xsd:element name="ids" type="ids" maxOccurs="1" minOccurs="0"/>
<xsd:element name="contributors" type="contributors"/>
<xsd:element name="information" type="information"/>
<xsd:element name="license_basis" type="license_basis_item"/>
<xsd:element name="license_specifics" type="license_specifics_item"/>
<xsd:element name="tags" type="tags" maxOccurs="1" minOccurs="0"/>
<xsd:element name="fingerprint" type="fingerprint" maxOccurs="1" minOccurs="0"/>
<xsd:element name="reporting" type="reporting" maxOccurs="1" minOccurs="0"/>
<xsd:element name="files" type="files" maxOccurs="1" minOccurs="0"/>
</xsd:all>
</xsd:complexType>
```

## Complex Type contributors

Namespace	No namespace
Annotations	This element contains a list of contributor.
Diagram	<pre> classDiagram     class contributors {         &lt;&lt;This element contains a list of contributor.&gt;&gt;     }     class contributor {         &lt;&lt;Type contributor&gt;&gt;     }     contributors "0..infinity" --&gt; "0..infinity" contributor   </pre>
Used by	Elements bundle/contributors, item/contributors
Model	contributor*
Children	contributor
Source	<pre> &lt;xsd:complexType name="contributors"&gt;   &lt;xsd:annotation&gt;     &lt;xsd:documentation xml:lang="en"&gt;This element contains a list of contributor.&lt;/   xsd:documentation&gt;   &lt;/xsd:annotation&gt;   &lt;xsd:sequence&gt;     &lt;xsd:element name="contributor" type="contributor" maxOccurs="unbounded"       minOccurs="0"/&gt;   &lt;/xsd:sequence&gt; &lt;/xsd:complexType&gt;   </pre>

## Complex Type contributor

Namespace	No namespace
Annotations	This element contains information of one contributor. A contributor can be a label, performer, texter, editor, conductor, artist, singer, composer, mixer, remixer, producer, featuring-Artist, with-Artist, DJ, versus-Artist, meets-Artist, presents-Artist, compilator, copyright, production or clearinghouse. A year should be provided in case the type equals copyright or production.
Diagram	<pre> classDiagram     class contributor {         &lt;&lt;This element contains information of one contributor. A contributor can be a label, performer, texter, editor,...&gt;&gt;     }     class attributes {         num xsd:integer         name xsd:string         type contributorType         year xsd:string         ids ids         www     }     contributor "0..1" --&gt; "0..1" attributes   </pre>

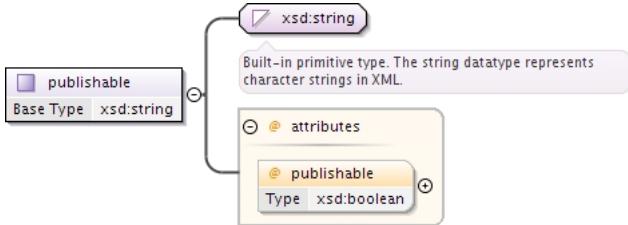
Used by	Element	contributors/contributor			
Model	ALL(name type year{0,1} ids www{0,1})				
Children	ids, name, type, www, year				
Attributes	QName	Type	Fixed	Default	Use
	num	xsd:integer			optional
Source	<pre>&lt;xsd:complexType name="contributor"&gt;   &lt;xsd:annotation&gt;     &lt;xsd:documentation xml:lang="en"&gt;This element contains information of one contributor. A contributor can be a label, performer, texter, editor, conductor, artist, singer, composer, mixer, remixer, producer, featuring-Artist, with-Artist, DJ, versus-Artist, meets-Artist, presents-Artist, compilator, copyright, production or clearinghouse. A year should be provided in case the type equals copyright or production.&lt;/xsd:documentation&gt;   &lt;/xsd:annotation&gt;   &lt;xsd:all&gt;     &lt;xsd:element name="name" type="xsd:string"/&gt;     &lt;xsd:element name="type" type="contributorType"/&gt;     &lt;xsd:element name="year" type="xsd:string" maxOccurs="1" minOccurs="0"/&gt;     &lt;xsd:element name="ids" type="ids"/&gt;     &lt;xsd:element name="www" type="www" maxOccurs="1" minOccurs="0"/&gt;   &lt;/xsd:all&gt;   &lt;xsd:attribute name="num" type="xsd:integer"/&gt; &lt;/xsd:complexType&gt;</pre>				

## Complex Type www

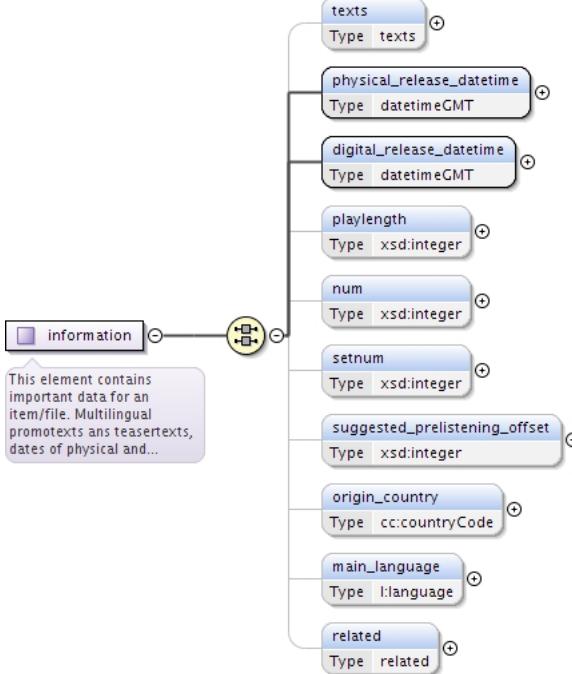
Namespace	No namespace				
Annotations	<p>This Element is a container for the important web addresses and phone of the associated element (contributor e.g.). Phone should be in international format.</p> <p>Every single information-entry cold be tagged "publishable" which would then mean wether customers of receiver are also allowed to be given this information. If publishable is not given, then this is granted.</p>				
Diagram	<p>The diagram illustrates the www complex type as a container for five elements: facebook, myspace, homepage, twitter, and phone. Each of these elements is of type publishable. The www element has a note indicating it is a container for important web addresses and phone numbers, with the ability to be tagged as publishable.</p>				
Used by	Element	contributor/www			
Model	ALL(facebook{0,1} myspace{0,1} homepage{0,1} twitter{0,1} phone{0,1})				
Children	facebook, homepage, myspace, phone, twitter				
Source	<pre>&lt;xsd:complexType name="www"&gt;   &lt;xsd:annotation&gt;     &lt;xsd:documentation xml:lang="en"&gt;This Element is a container for the important web addresses and phone of the associated element (contributor e.g.). Phone should be in international format. Every single information-entry cold be tagged "publishable" which would then mean wether customers of receiver are also allowed to be given this information. If publishable is not given, then this is granted.&lt;/xsd:documentation&gt;   &lt;/xsd:annotation&gt;   &lt;xsd:all&gt;     &lt;xsd:element name="facebook" type="publishable" maxOccurs="1" minOccurs="0"/&gt;     &lt;xsd:element name="myspace" type="publishable" maxOccurs="1" minOccurs="0"/&gt;     &lt;xsd:element name="homepage" type="publishable" maxOccurs="1" minOccurs="0"/&gt;     &lt;xsd:element name="twitter" type="publishable" maxOccurs="1" minOccurs="0"/&gt;     &lt;xsd:element name="phone" type="publishable" maxOccurs="1" minOccurs="0"/&gt;   &lt;/xsd:all&gt; &lt;/xsd:complexType&gt;</pre>				

## Complex Type publishable

Namespace	No namespace
-----------	--------------

Diagram											
Type	extension of xsd:string										
Used by	Elements www/facebook, www/homepage, www/myspace, www/phone, www/twitter										
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>publishable</td><td>xsd:boolean</td><td></td><td></td><td>optional</td></tr> </tbody> </table>	QName	Type	Fixed	Default	Use	publishable	xsd:boolean			optional
QName	Type	Fixed	Default	Use							
publishable	xsd:boolean			optional							
Source	<pre>&lt;xsd:complexType name="publishable"&gt;   &lt;xsd:simpleContent&gt;     &lt;xsd:extension base="xsd:string"&gt;       &lt;xsd:attribute name="publishable" type="xsd:boolean"/&gt;     &lt;/xsd:extension&gt;   &lt;/xsd:simpleContent&gt; &lt;/xsd:complexType&gt;</pre>										

## Complex Type information

Namespace	No namespace
Annotations	This element contains important data for an item/file. Multilingual promotexts ans teasertexts, dates of physical and digital release, playlength of file, position of the file in relation to other file of bundle, number of set (e.g. 2 for cd 2), the suggested prelistining offset if the file not starts e.g. with significant content, origin country and main language of file and information about related bundles.
Diagram	
Used by	Elements bundle/information, item/information
Model	ALL(texts{0,1} physical_release_datetime digital_release_datetime playlength{0,1} num{0,1} setnum{0,1} suggested_prelistening_offset{0,1} origin_country{0,1} main_language{0,1} related{0,1})
Children	digital_release_datetime, main_language, num, origin_country, physical_release_datetime, playlength, related, setnum, suggested_prelistening_offset, texts
Source	<pre>&lt;xsd:complexType name="information"&gt;   &lt;xsd:annotation&gt;     &lt;xsd:documentation xml:lang="en"&gt;This element contains important data for an item/file. Multilingual promotexts ans teasertexts, dates of physical and digital release,</pre>

```

playlength of file, position of the file in relation to other file of bundle, number
of set (e.g. 2 for cd 2), the suggested prelistining offset if the file not starts e.g.
with significant content, origin country and main language of file and information about
related bundles.</xsd:documentation>
</xsd:annotation>
<xsd:all>
  <xsd:element name="texts" type="texts" maxOccurs="1" minOccurs="0" />
  <xsd:element name="physical_release_datetime" type="datetimeGMT" />
  <xsd:element name="digital_release_datetime" type="datetimeGMT" />
  <xsd:element name="playlength" type="xsd:integer" maxOccurs="1" minOccurs="0" />
  <xsd:element name="num" type="xsd:integer" maxOccurs="1" minOccurs="0" />
  <xsd:element name="setnum" type="xsd:integer" maxOccurs="1" minOccurs="0" />
  <xsd:element name="suggested_prelistening_offset" type="xsd:integer" maxOccurs="1"
minOccurs="0" />
  <xsd:element name="origin_country" type="cc:countryCode" maxOccurs="1" minOccurs="0" />
  <xsd:element name="main_language" type="l:language" maxOccurs="1" minOccurs="0" />
  <xsd:element name="related" type="related" maxOccurs="1" minOccurs="0" />
</xsd:all>
</xsd:complexType>
```

## Complex Type texts

Namespace	No namespace
Annotations	This element contains multilingual promotexts ans teasertexts.
Diagram	<pre> graph LR     texts[texts] --&gt; promotext[promotext]     texts --&gt; teasertext[teasertext]     </pre> <p>This element contains multilingual promotexts ans teasertexts.</p>
Used by	Element information/texts
Model	promotext*, teasertext*
Children	promotext, teasertext
Source	<pre> &lt;xsd:complexType name="texts"&gt;   &lt;xsd:annotation&gt;     &lt;xsd:documentation xml:lang="en"&gt;This element contains multilingual promotexts ans     teasertexts.&lt;/xsd:documentation&gt;   &lt;/xsd:annotation&gt;   &lt;xsd:sequence&gt;     &lt;xsd:element name="promotext" type="promotext" maxOccurs="unbounded" minOccurs="0" /&gt;     &lt;xsd:element name="teasertext" type="teasertext" maxOccurs="unbounded" minOccurs="0" /&gt;   &lt;/xsd:sequence&gt; &lt;/xsd:complexType&gt;</pre>

## Complex Type promotext

Namespace	No namespace										
Diagram	<pre> graph LR     promotext[promotext Base Type: xsd:string] --&gt; xsdstring[xsd:string]     xsdstring --&gt; attributes[attributes]     attributes --&gt; lang[lang Type: xsd:string]     </pre> <p>Built-in primitive type. The string datatype represents character strings in XML.</p> <p>Attributes:</p> <ul style="list-style-type: none"> <li>lang (xsd:string)</li> </ul>										
Type	extension of xsd:string										
Used by	Element texts/promotext										
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>lang</td> <td>xsd:string</td> <td></td> <td></td> <td>optional</td> </tr> </tbody> </table>	QName	Type	Fixed	Default	Use	lang	xsd:string			optional
QName	Type	Fixed	Default	Use							
lang	xsd:string			optional							
Source	<pre> &lt;xsd:complexType name="promotext"&gt;   &lt;xsd:simpleContent&gt;     &lt;xsd:extension base="xsd:string"&gt;       &lt;xsd:attribute name="lang" type="xsd:string" /&gt;     &lt;/xsd:extension&gt;   &lt;/xsd:simpleContent&gt; &lt;/xsd:complexType&gt;</pre>										

## Complex Type teasertext

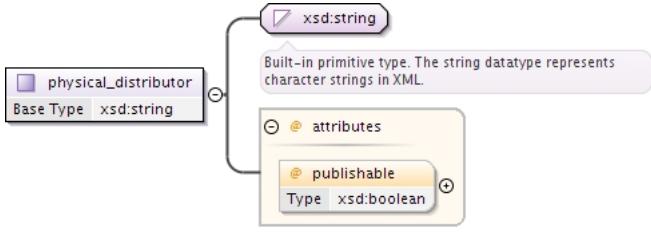
Namespace	No namespace										
Diagram											
Type	extension of xsd:string										
Used by	Element texts/teasertext										
Attributes	<table border="1"> <thead> <tr> <th>QName</th> <th>Type</th> <th>Fixed</th> <th>Default</th> <th>Use</th> </tr> </thead> <tbody> <tr> <td>lang</td> <td>xsd:string</td> <td></td> <td></td> <td>optional</td> </tr> </tbody> </table>	QName	Type	Fixed	Default	Use	lang	xsd:string			optional
QName	Type	Fixed	Default	Use							
lang	xsd:string			optional							
Source	<pre>&lt;xsd:complexType name="teasertext"&gt;   &lt;xsd:simpleContent&gt;     &lt;xsd:extension base="xsd:string"&gt;       &lt;xsd:attribute name="lang" type="xsd:string"/&gt;     &lt;/xsd:extension&gt;   &lt;/xsd:simpleContent&gt; &lt;/xsd:complexType&gt;</pre>										

## Complex Type related

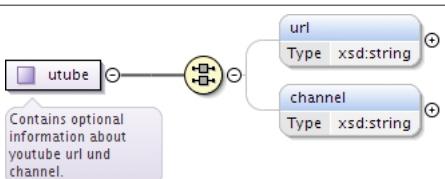
Namespace	No namespace
Annotations	This element contains informations of bundles which are related to the bundle of the actual feed. It may includes one or more physical distributors and one element "utube" which could include information about channel and url at youtube.
Diagram	
Used by	Element information/related
Model	physical_distributor*, utube{0,1}, bundle*
Children	bundle, physical_distributor, utube
Source	<pre>&lt;xsd:complexType name="related"&gt;   &lt;xsd:annotation&gt;     &lt;xsd:documentation xml:lang="en"&gt;This element contains informations of bundles which are related to the bundle of the actual feed. It may includes one or more physical distributors and one element "utube" which could include information about channel and url at youtube.&lt;/xsd:documentation&gt;   &lt;/xsd:annotation&gt;   &lt;xsd:sequence&gt;     &lt;xsd:element name="physical_distributor" type="physical_distributor" maxOccurs="unbounded" minOccurs="0"/&gt;     &lt;xsd:element name="utube" type="utube" maxOccurs="1" minOccurs="0"/&gt;     &lt;xsd:element name="bundle" type="bundle" maxOccurs="unbounded" minOccurs="0"/&gt;   &lt;/xsd:sequence&gt; &lt;/xsd:complexType&gt;</pre>

## Complex Type physical\_distributor

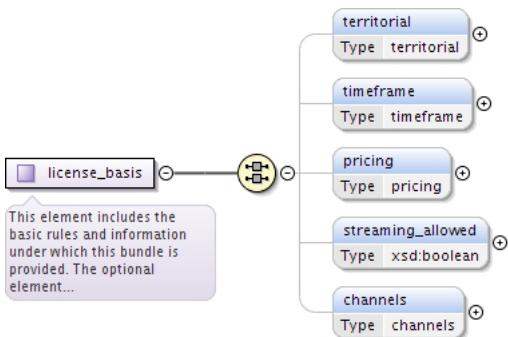
Namespace	No namespace
-----------	--------------

Diagram											
Type	extension of xsd:string										
Used by	Element related/physical_distributor										
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>publishable</td><td>xsd:boolean</td><td></td><td></td><td>optional</td></tr> </tbody> </table>	QName	Type	Fixed	Default	Use	publishable	xsd:boolean			optional
QName	Type	Fixed	Default	Use							
publishable	xsd:boolean			optional							
Source	<pre>&lt;xsd:complexType name="physical_distributor"&gt;   &lt;xsd:simpleContent&gt;     &lt;xsd:extension base="xsd:string"&gt;       &lt;xsd:attribute name="publishable" type="xsd:boolean"/&gt;     &lt;/xsd:extension&gt;   &lt;/xsd:simpleContent&gt; &lt;/xsd:complexType&gt;</pre>										

## Complex Type utube

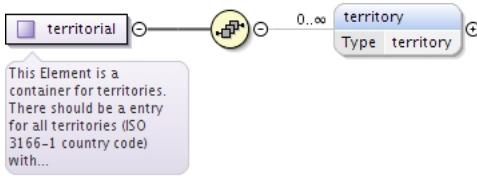
Namespace	No namespace
Annotations	Contains optional information about youtube url und channel.
Diagram	
Used by	Element related/utube
Model	ALL(url{0,1} channel{0,1})
Children	channel, url
Source	<pre>&lt;xsd:complexType name="utube"&gt;   &lt;xsd:annotation&gt;     &lt;xsd:documentation xml:lang="en"&gt;Contains optional information about youtube url und channel.&lt;/xsd:documentation&gt;   &lt;/xsd:annotation&gt;   &lt;xsd:all&gt;     &lt;xsd:element name="url" type="xsd:string" maxOccurs="1" minOccurs="0"/&gt;     &lt;xsd:element name="channel" type="xsd:string" maxOccurs="1" minOccurs="0"/&gt;   &lt;/xsd:all&gt; &lt;/xsd:complexType&gt;</pre>

## Complex Type license\_basis

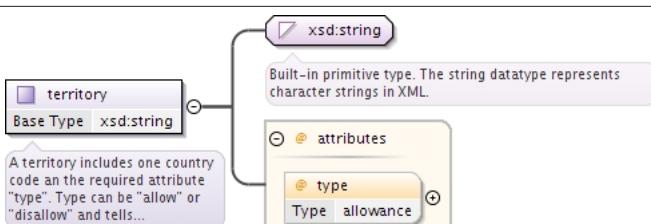
Namespace	No namespace
Annotations	This element includes the basic rules and information under which this bundle is provided. The optional element "streaming_allowed" tells if streaming is allowed or not.
Diagram	

Used by	Element bundle/license_basis
Model	ALL(territorial{0,1} timeframe{0,1} pricing{0,1} streaming_allowed{0,1} channels{0,1})
Children	channels, pricing, streaming_allowed, territorial, timeframe
Source	<pre>&lt;xsd:complexType name="license_basis"&gt;   &lt;xsd:annotation&gt;     &lt;xsd:documentation xml:lang="en"&gt;This element includes the basic rules and information under which this bundle is provided. The optional element "streaming_allowed" tells if streaming is allowed or not.&lt;/xsd:documentation&gt;   &lt;/xsd:annotation&gt;   &lt;xsd:all&gt;     &lt;xsd:element name="territorial" type="territorial" maxOccurs="1" minOccurs="0"/&gt;     &lt;xsd:element name="timeframe" type="timeframe" maxOccurs="1" minOccurs="0"/&gt;     &lt;xsd:element name="pricing" type="pricing" maxOccurs="1" minOccurs="0"/&gt;     &lt;xsd:element name="streaming_allowed" type="xsd:boolean" maxOccurs="1" minOccurs="0"/&gt;     &lt;xsd:element name="channels" type="channels" maxOccurs="1" minOccurs="0"/&gt;   &lt;/xsd:all&gt; &lt;/xsd:complexType&gt;</pre>

## Complex Type territorial

Namespace	No namespace
Annotations	This Element is a container for territories. There should be a entry for all territories (ISO 3166-1 country code) with a attribute if distribution is allowed or not. "WW" means "World Wide" and is a wildcard for all territories.
Diagram	 <p>This Element is a container for territories. There should be a entry for all territories (ISO 3166-1 country code) with...</p>
Used by	Elements license_basis/territorial, license_basis_item/territorial
Model	territory*
Children	territory
Source	<pre>&lt;xsd:complexType name="territorial"&gt;   &lt;xsd:annotation&gt;     &lt;xsd:documentation xml:lang="en"&gt;This Element is a container for territories. There should be a entry for all territories (ISO 3166-1 country code) with a attribute if distribution is allowed or not. "WW" means "World Wide" and is a wildcard for all territories.&lt;/xsd:documentation&gt;   &lt;/xsd:annotation&gt;   &lt;xsd:sequence&gt;     &lt;xsd:element name="territory" type="territory" maxOccurs="unbounded" minOccurs="0"/&gt;   &lt;/xsd:sequence&gt; &lt;/xsd:complexType&gt;</pre>

## Complex Type territory

Namespace	No namespace										
Annotations	A territory includes one country code an the required attribute "type". Type can be "allow" or "disallow" and tells about the allowance of corresponding territory.										
Diagram	 <p>A territory includes one country code an the required attribute "type". Type can be "allow" or "disallow" and tells...</p> <p>Built-in primitive type. The string datatype represents character strings in XML.</p> <p>attributes</p> <p>@ type</p> <p>Type allowance</p>										
Type	extension of xsd:string										
Used by	Element territorial/territory										
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>type</td> <td>allowance</td> <td></td> <td></td> <td>optional</td> </tr> </tbody> </table>	QName	Type	Fixed	Default	Use	type	allowance			optional
QName	Type	Fixed	Default	Use							
type	allowance			optional							

Source	<pre>&lt;xsd:complexType name="territory"&gt;   &lt;xsd:annotation&gt;     &lt;xsd:documentation xml:lang="en"&gt;A territory includes one country code an the required attribute "type". Type can be "allow" or "disallow" and tells about the allowance of corresponding territory.&lt;/xsd:documentation&gt;   &lt;/xsd:annotation&gt;   &lt;xsd:simpleContent&gt;     &lt;xsd:extension base="xsd:string"&gt;       &lt;xsd:attribute name="type" type="allowance" use="optional"/&gt;     &lt;/xsd:extension&gt;   &lt;/xsd:simpleContent&gt; &lt;/xsd:complexType&gt;</pre>
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## Complex Type timeframe

Namespace	No namespace
Annotations	Timeframe contains the most-recent-release-date from which on receiver may use this and the cancellation-date.
Diagram	<pre> graph LR     timeframe[timeframe] --&gt; from[from Type datetimeGMT]     timeframe --&gt; to[to Type datetimeGMT]   </pre> <p>Timeframe contains the most-recent-release-date from which on receiver may use this and the cancellation-date.</p>
Used by	Elements license_basis/timeframe, license_basis_item/timeframe
Model	from , to
Children	from, to
Source	<pre>&lt;xsd:complexType name="timeframe"&gt;   &lt;xsd:annotation&gt;     &lt;xsd:documentation xml:lang="en"&gt;Timeframe contains the most-recent-release-date from which on receiver may use this and the cancellation-date.&lt;/xsd:documentation&gt;   &lt;/xsd:annotation&gt;   &lt;xsd:sequence&gt;     &lt;xsd:element name="from" type="datetimeGMT"/&gt;     &lt;xsd:element name="to" type="datetimeGMT"/&gt;   &lt;/xsd:sequence&gt; &lt;/xsd:complexType&gt;</pre>

## Complex Type pricing

Namespace	No namespace
Annotations	Pricecode is an arbitrary-info. An explicitly given wholesale-price overrides the basic pricecode-given-wp. Most probably either one of pricecode OR wholesaleprice should be given.
Diagram	<pre> graph LR     pricing[pricing] --&gt; pricecode[pricecode Type xsd:string]     pricing --&gt; wholesale[wholesale Type xsd:string]   </pre> <p>Pricecode is an arbitrary-info. An explicitly given wholesale-price overrides the basic pricecode-given-wp. Most...</p>
Used by	Elements license_basis/pricing, license_basis_item/pricing
Model	ALL(pricecode{0,1} wholesale{0,1})
Children	pricecode, wholesale
Source	<pre>&lt;xsd:complexType name="pricing"&gt;   &lt;xsd:annotation&gt;     &lt;xsd:documentation xml:lang="en"&gt;Pricecode is an arbitrary-info. An explicitly given wholesale-price overrides the basic pricecode-given-wp. Most probably either one of pricecode OR wholesaleprice should be given.&lt;/xsd:documentation&gt;   &lt;/xsd:annotation&gt;   &lt;xsd:all&gt;     &lt;xsd:element name="pricecode" type="xsd:string" maxOccurs="1" minOccurs="0"/&gt;     &lt;xsd:element name="wholesale" type="xsd:string" maxOccurs="1" minOccurs="0"/&gt;   &lt;/xsd:all&gt; &lt;/xsd:complexType&gt;</pre>

## Complex Type channels

Namespace	No namespace
Annotations	This element is a container for channels which can be either "all", "ad supported" or "premium".
Diagram	<p>This element is a container for channels which can be either "all", "ad supported" or "premium".</p>
Used by	Elements license_basis/channels, license_basis_item/channels
Model	channel*
Children	channel
Source	<pre>&lt;xsd:complexType name="channels"&gt;   &lt;xsd:annotation&gt;     &lt;xsd:documentation xml:lang="en"&gt;This element is a container for channels which can be either "all", "ad supported" or "premium".&lt;/xsd:documentation&gt;   &lt;/xsd:annotation&gt;   &lt;xsd:sequence&gt;     &lt;xsd:element name="channel" type="channel" maxOccurs="unbounded" minOccurs="0" /&gt;   &lt;/xsd:sequence&gt; &lt;/xsd:complexType&gt;</pre>

## Complex Type channel

Namespace	No namespace										
Annotations	A channels can be either "all", "ad supported" or "premium". The required attribute "type" regards to the allowance in reference to the channel. Type can be "allow" or "disallow".										
Diagram	<p>Built-in primitive type. The string datatype represents character strings in XML.</p> <p>A channels can be either "all", "ad supported" or "premium". The required attribute "type" regards to the allowance in reference to the channel. Type can be "allow" or "disallow".</p>										
Type	extension of xsd:string										
Used by	Element channels/channel										
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>type</td> <td>allowance</td> <td></td> <td></td> <td>required</td> </tr> </tbody> </table>	QName	Type	Fixed	Default	Use	type	allowance			required
QName	Type	Fixed	Default	Use							
type	allowance			required							
Source	<pre>&lt;xsd:complexType name="channel"&gt;   &lt;xsd:annotation&gt;     &lt;xsd:documentation xml:lang="en"&gt;A channels can be either "all", "ad supported" or "premium". The required attribute "type" regards to the allowance in reference to the channel. Type can be "allow" or "disallow".&lt;/xsd:documentation&gt;   &lt;/xsd:annotation&gt;   &lt;xsd:simpleContent&gt;     &lt;xsd:extension base="xsd:string"&gt;       &lt;xsd:attribute name="type" type="allowance" use="required" /&gt;     &lt;/xsd:extension&gt;   &lt;/xsd:simpleContent&gt; &lt;/xsd:complexType&gt;</pre>										

## Complex Type license\_specifics

Namespace	No namespace
Annotations	This element includes specific rules which should be applied.
Diagram	<p>This element includes specific rules which should be applied.</p>

Used by	Element	bundle/license_specifics
Model	ALL(rules{0,1})	
Children	rules	
Source		<pre>&lt;xsd:complexType name="license_specifics"&gt;   &lt;xsd:annotation&gt;     &lt;xsd:documentation xml:lang="en"&gt;This element includes specific rules which should be applied.&lt;/xsd:documentation&gt;   &lt;/xsd:annotation&gt;   &lt;xsd:all&gt;     &lt;xsd:element name="rules" type="rules" maxOccurs="1" minOccurs="0" /&gt;   &lt;/xsd:all&gt; &lt;/xsd:complexType&gt;</pre>

## Complex Type rules

Namespace	No namespace	
Annotations	This element is a container for rules. It needs an ordered mode here - first come first match.	
Diagram		
Used by	Elements license_specifics/rules, license_specifics_item/rules	
Model	rule*	
Children	rule	
Source		<pre>&lt;xsd:complexType name="rules"&gt;   &lt;xsd:annotation&gt;     &lt;xsd:documentation xml:lang="en"&gt;This element is a container for rules. It needs an ordered mode here - first come first match.&lt;/xsd:documentation&gt;   &lt;/xsd:annotation&gt;   &lt;xsd:sequence&gt;     &lt;xsd:element name="rule" type="rule" maxOccurs="unbounded" minOccurs="0" /&gt;   &lt;/xsd:sequence&gt; &lt;/xsd:complexType&gt;</pre>

## Complex Type rule

Namespace	No namespace										
Annotations	A rule must include a "if"-element and a "then"-element to shape a legal instruction. It can also include a "else"-element.										
Diagram											
Used by	Element rules/rule										
Model	if , then , else{0,1}										
Children	else, if, then										
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>num</td> <td>xsd:integer</td> <td></td> <td></td> <td>optional</td> </tr> </tbody> </table>	QName	Type	Fixed	Default	Use	num	xsd:integer			optional
QName	Type	Fixed	Default	Use							
num	xsd:integer			optional							
Source		<pre>&lt;xsd:complexType name="rule"&gt;   &lt;xsd:annotation&gt;     &lt;xsd:documentation xml:lang="en"&gt;A rule must include a "if"-element and a "then"-element to shape a legal instruction. It can also include a "else"-element.&lt;/xsd:documentation&gt;</pre>									

```
</xsd:annotation>
<xsd:sequence>
  <xsd:element name="if" type="if"/>
  <xsd:element name="then" type="then"/>
  <xsd:element name="else" type="else" maxOccurs="1" minOccurs="0"/>
</xsd:sequence>
<xsd:attribute name="num" type="xsd:integer"/>
</xsd:complexType>
```

## Complex Type if

Namespace	No namespace
Annotations	This element must be the first element in a rule. It includes the information what is affected by the rule, an operator like "equals", "before", "after", "contains" or "containedin" and a value which will be compared.
Diagram	
Used by	Element rule/if
Model	what , operator , value
Children	operator, value, what
Source	<pre>&lt;xsd:complexType name="if"&gt;   &lt;xsd:annotation&gt;     &lt;xsd:documentation xml:lang="en"&gt;This element must be the first element in a rule. It includes the information what is affected by the rule, an operator like "equals", "before", "after", "contains" or "containedin" and a value which will be compared.&lt;/xsd:documentation&gt;   &lt;/xsd:annotation&gt;   &lt;xsd:sequence&gt;     &lt;xsd:element name="what" type="xsd:string"/&gt;     &lt;xsd:element name="operator" type="operator"/&gt;     &lt;xsd:element name="value" type="xsd:string"/&gt;   &lt;/xsd:sequence&gt; &lt;/xsd:complexType&gt;</pre>

## Complex Type then

Namespace	No namespace
Annotations	This element must be the second in a rule and includes information "echo" for debugging output and can include an element "break" which means to not process any more rules.
Diagram	
Used by	Element rule/then
Model	echo{0,1} , break{0,1}
Children	break, echo
Source	<pre>&lt;xsd:complexType name="then"&gt;   &lt;xsd:annotation&gt;     &lt;xsd:documentation xml:lang="en"&gt;This element must be the second in a rule and includes information "echo" for debugging output and can include an element "break" which means to not process any more rules.&lt;/xsd:documentation&gt;   &lt;/xsd:annotation&gt;</pre>

```
<xsd:sequence>
  <xsd:element name="echo" type="xsd:string" maxOccurs="1" minOccurs="0" />
  <xsd:element name="break" maxOccurs="1" minOccurs="0" />
</xsd:sequence>
</xsd:complexType>
```

## Complex Type else

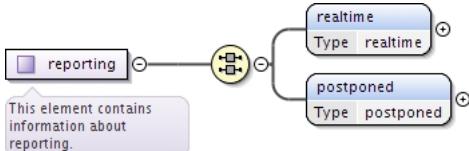
Namespace	No namespace
Annotations	This element is optional. It includes information "proclaim" and can include an element "break" which means to not process any more rules.
Diagram	
Used by	Element rule/else
Model	proclaim*, break{0,1}
Children	break, proclaim
Source	<pre>&lt;xsd:complexType name="else"&gt;   &lt;xsd:annotation&gt;     &lt;xsd:documentation xml:lang="en"&gt;This element is optional. It includes information "proclaim" and can include an element "break" which means to not process any more rules.&lt;/xsd:documentation&gt;   &lt;/xsd:annotation&gt;   &lt;xsd:sequence&gt;     &lt;xsd:element name="proclaim" type="proclaim" maxOccurs="unbounded" minOccurs="0" /&gt;     &lt;xsd:element name="break" maxOccurs="1" minOccurs="0" /&gt;   &lt;/xsd:sequence&gt; &lt;/xsd:complexType&gt;</pre>

## Complex Type proclaim

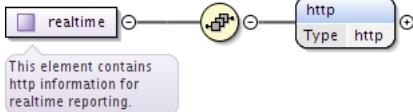
Namespace	No namespace
Annotations	This element includes the information what is affected and the corresponding value.
Diagram	
Used by	Element else/proclaim
Model	what , for
Children	for, what
Source	<pre>&lt;xsd:complexType name="proclaim"&gt;   &lt;xsd:annotation&gt;     &lt;xsd:documentation xml:lang="en"&gt;This element includes the information what is affected and the corresponding value.&lt;/xsd:documentation&gt;   &lt;/xsd:annotation&gt;   &lt;xsd:sequence&gt;     &lt;xsd:element name="what" type="xsd:string" /&gt;     &lt;xsd:element name="for" type="xsd:string" /&gt;   &lt;/xsd:sequence&gt; &lt;/xsd:complexType&gt;</pre>

## Complex Type reporting

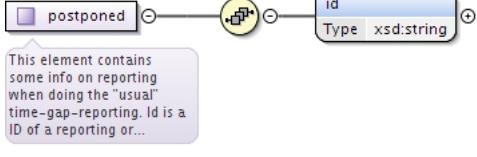
Namespace	No namespace
Annotations	This element contains information about reporting.

Diagram	
Used by	Elements      bundle/reporting, item/reporting
Model	ALL(realtime postponed)
Children	postponed, realtime
Source	<pre>&lt;xsd:complexType name="reporting"&gt;   &lt;xsd:annotation&gt;     &lt;xsd:documentation xml:lang="en"&gt;This element contains information about reporting.&lt;/xsd:documentation&gt;   &lt;/xsd:annotation&gt;   &lt;xsd:all&gt;     &lt;xsd:element name="realtime" type="realtime"/&gt;     &lt;xsd:element name="postponed" type="postponed"/&gt;   &lt;/xsd:all&gt; &lt;/xsd:complexType&gt;</pre>

## Complex Type realtime

Namespace	No namespace
Annotations	This element contains http information for realtime reporting.
Diagram	
Used by	Element      reporting/realtime
Model	http
Children	http
Source	<pre>&lt;xsd:complexType name="realtime"&gt;   &lt;xsd:annotation&gt;     &lt;xsd:documentation xml:lang="en"&gt;This element contains http information for realtime reporting.&lt;/xsd:documentation&gt;   &lt;/xsd:annotation&gt;   &lt;xsd:sequence&gt;     &lt;xsd:element name="http" type="http"/&gt;   &lt;/xsd:sequence&gt; &lt;/xsd:complexType&gt;</pre>

## Complex Type postponed

Namespace	No namespace
Annotations	This element contains some info on reporting when doing the "usual" time-gap-reporting. Id is a ID of a reporting or similar.
Diagram	
Used by	Element      reporting/postponed
Model	id
Children	id
Source	<pre>&lt;xsd:complexType name="postponed"&gt;   &lt;xsd:annotation&gt;     &lt;xsd:documentation xml:lang="en"&gt;This element contains some info on reporting when doing the "usual" time-gap-reporting. Id is a ID of a reporting or similar.&lt;/xsd:documentation&gt;   &lt;/xsd:annotation&gt;   &lt;xsd:sequence&gt;     &lt;xsd:element name="id" type="xsd:string"/&gt;   &lt;/xsd:sequence&gt; &lt;/xsd:complexType&gt;</pre>

```
</xsd:sequence>
</xsd:complexType>
```

## Complex Type tags

Namespace	No namespace
Annotations	This element contains information about genres and more.
Diagram	<pre> classDiagram     class tags {         &lt;&lt;This element contains information about genres and more.&gt;&gt;     }     class genres     class bundle_only     class explicit_lyrics     class live     class accoustic     class instrumental      tags "0..1" *-- "1..1" genres     tags "0..1" *-- "1..1" bundle_only     tags "0..1" *-- "1..1" explicit_lyrics     tags "0..1" *-- "1..1" live     tags "0..1" *-- "1..1" accoustic     tags "0..1" *-- "1..1" instrumental   </pre>
Used by	Elements      bundle/tags, item/tags
Model	ALL(genres{0,1} bundle_only{0,1} explicit_lyrics{0,1} live{0,1} accoustic{0,1} instrumental{0,1})
Children	accoustic, bundle_only, explicit_lyrics, genres, instrumental, live
Source	<pre> &lt;xsd:complexType name="tags"&gt;   &lt;xsd:annotation&gt;     &lt;xsd:documentation xml:lang="en"&gt;This element contains information about genres and more.&lt;/xsd:documentation&gt;   &lt;/xsd:annotation&gt;   &lt;xsd:all&gt;     &lt;xsd:element name="genres" type="genres" maxOccurs="1" minOccurs="0"/&gt;     &lt;xsd:element name="bundle_only" type="xsd:boolean" maxOccurs="1" minOccurs="0"/&gt;     &lt;xsd:element name="explicit_lyrics" type="explicitLyrics" maxOccurs="1" minOccurs="0"/&gt;   &lt;/xsd:all&gt;   &lt;xsd:element name="live" type="xsd:boolean" maxOccurs="1" minOccurs="0"/&gt;   &lt;xsd:element name="accoustic" type="xsd:boolean" maxOccurs="1" minOccurs="0"/&gt;   &lt;xsd:element name="instrumental" type="xsd:boolean" maxOccurs="1" minOccurs="0"/&gt; &lt;/xsd:complexType&gt;   </pre>

## Complex Type genres

Namespace	No namespace
Annotations	This element contains a list of genres.
Diagram	<pre> classDiagram     class genres {         &lt;&lt;This element contains a list of genres.&gt;&gt;     }     class genre {         &lt;&lt;genre*&gt;&gt;     }      genres "0..1" *-- "0..&gt;" genre   </pre>
Used by	Element      tags/genres
Model	genre*
Children	genre
Source	<pre> &lt;xsd:complexType name="genres"&gt;   &lt;xsd:annotation&gt;     &lt;xsd:documentation xml:lang="en"&gt;This element contains a list of genres.&lt;/xsd:documentation&gt;   &lt;/xsd:annotation&gt;   &lt;xsd:sequence&gt;     &lt;xsd:element name="genre" type="g:genre" maxOccurs="unbounded" minOccurs="0"/&gt;   &lt;/xsd:sequence&gt; &lt;/xsd:complexType&gt;   </pre>

## Complex Type files

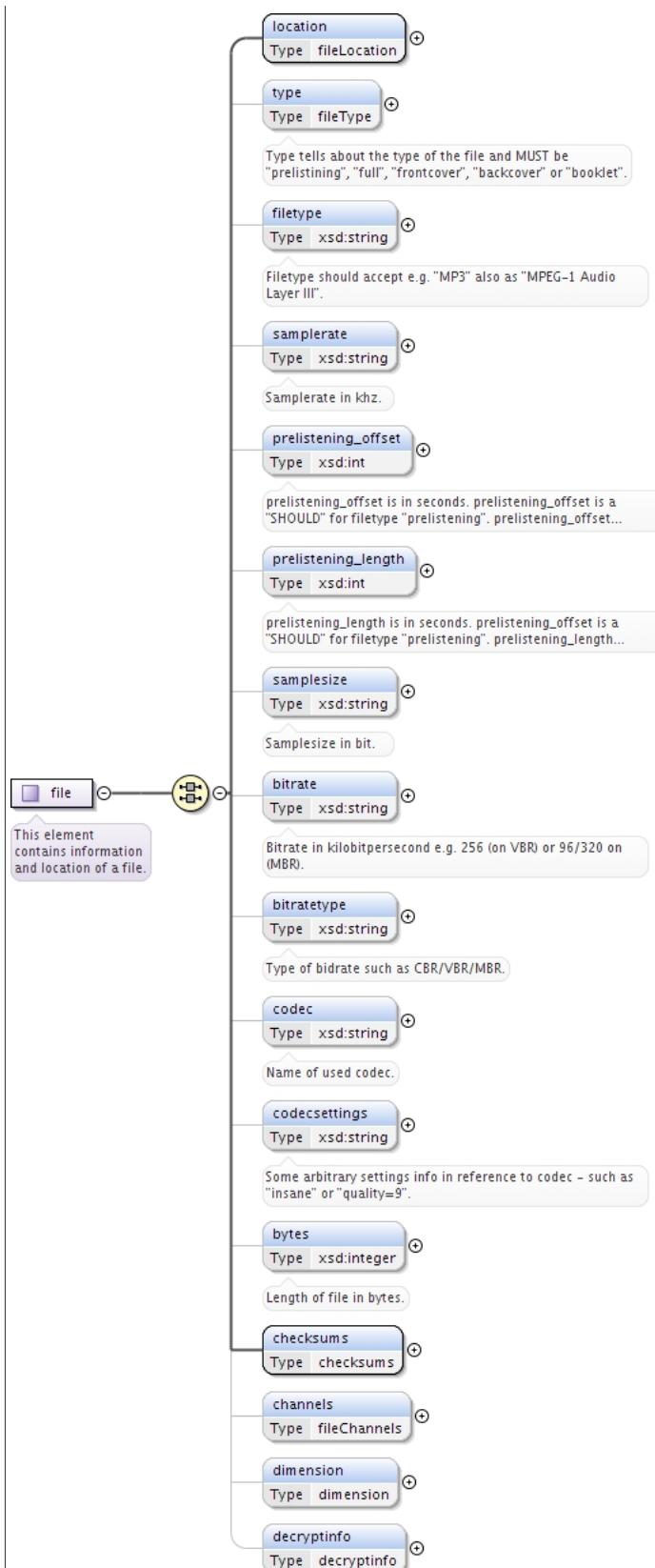
Namespace	No namespace
-----------	--------------

Annotations	This element contains a list of files.
Diagram	<pre> graph LR     files[files] -- "0..oo" --&gt; file[file]     subgraph Annotation [ ]         ThisElementContainsList[This element contains a list of files.]     end     ThisElementContainsList --- files   </pre>
Used by	Elements bundle/files, item/files
Model	file*
Children	file
Source	<pre> &lt;xsd:complexType name="files"&gt;     &lt;xsd:annotation&gt;         &lt;xsd:documentation xml:lang="en"&gt;This element contains a list of files.&lt;/         xsd:documentation&gt;     &lt;/xsd:annotation&gt;     &lt;xsd:sequence&gt;         &lt;xsd:element name="file" type="file" maxOccurs="unbounded" minOccurs="0" /&gt;     &lt;/xsd:sequence&gt; &lt;/xsd:complexType&gt;   </pre>

## Complex Type file

Namespace	No namespace
Annotations	This element contains information and location of a file.

Diagram



Used by

Element files/file

Model

ALL(location type{0,1} filetype{0,1} samplerate{0,1} prelistening\_offset{0,1} prelistening\_length{0,1} samplesize{0,1} bitrate{0,1} bitratetype{0,1} codec{0,1} codecsettings{0,1} bytes{0,1} checksums channels{0,1} dimension{0,1} decryptinfo{0,1})

Children	bitrate, bitratetype, bytes, channels, checksums, codec, codecsettings, decryptinfo, dimension, filetype, location, prelistening_length, prelistening_offset, samplerate, samplesize, type
Source	<pre> &lt;xsd:complexType name="file"&gt;   &lt;xsd:annotation&gt;     &lt;xsd:documentation xml:lang="en"&gt;This element contains information and location of a file.&lt;/xsd:documentation&gt;   &lt;/xsd:annotation&gt;   &lt;xsd:all&gt;     &lt;xsd:element name="location" type="fileLocation"/&gt;     &lt;xsd:element name="type" type="fileType" maxOccurs="1" minOccurs="0"&gt;       &lt;xsd:annotation&gt;         &lt;xsd:documentation xml:lang="en"&gt;Type tells about the type of the file and MUST be "prelistining", "full", "frontcover", "backcover" or "booklet".&lt;/xsd:documentation&gt;       &lt;/xsd:annotation&gt;     &lt;/xsd:element&gt;     &lt;xsd:element name="filetype" type="xsd:string" maxOccurs="1" minOccurs="0"&gt;       &lt;xsd:annotation&gt;         &lt;xsd:documentation xml:lang="en"&gt;Filetype should accept e.g. "MP3" also as "MPEG-1 Audio Layer III".&lt;/xsd:documentation&gt;       &lt;/xsd:annotation&gt;     &lt;/xsd:element&gt;     &lt;xsd:element name="samplerate" type="xsd:string" maxOccurs="1" minOccurs="0"&gt;       &lt;xsd:annotation&gt;         &lt;xsd:documentation xml:lang="en"&gt;Samplerate in khz.&lt;/xsd:documentation&gt;       &lt;/xsd:annotation&gt;     &lt;/xsd:element&gt;     &lt;xsd:element minOccurs="0" name="prelistening_offset" type="xsd:int"&gt;       &lt;xsd:annotation&gt;         &lt;xsd:documentation xml:lang="en"&gt;prelistening_offset is in seconds. prelistening_offset is a "SHOULD" for filetype "prelistening". prelistening_offset is a MUST NOT for any other filetype.&lt;/xsd:documentation&gt;       &lt;/xsd:annotation&gt;     &lt;/xsd:element&gt;     &lt;xsd:element minOccurs="0" name="prelistening_length" type="xsd:int"&gt;       &lt;xsd:annotation&gt;         &lt;xsd:documentation xml:lang="en"&gt;prelistening_length is in seconds. prelistening_offset is a "SHOULD" for filetype "prelistening". prelistening_length is a MUST NOT for any other filetype.&lt;/xsd:documentation&gt;       &lt;/xsd:annotation&gt;     &lt;/xsd:element&gt;     &lt;xsd:element name="samplesize" type="xsd:string" maxOccurs="1" minOccurs="0"&gt;       &lt;xsd:annotation&gt;         &lt;xsd:documentation xml:lang="en"&gt;Samplesize in bit.&lt;/xsd:documentation&gt;       &lt;/xsd:annotation&gt;     &lt;/xsd:element&gt;     &lt;xsd:element name="bitrate" type="xsd:string" maxOccurs="1" minOccurs="0"&gt;       &lt;xsd:annotation&gt;         &lt;xsd:documentation xml:lang="en"&gt;Bitrate in kilobitpersecond e.g. 256 (on VBR) or 96/320 on (MBR).&lt;/xsd:documentation&gt;       &lt;/xsd:annotation&gt;     &lt;/xsd:element&gt;     &lt;xsd:element name="bitratetype" type="xsd:string" maxOccurs="1" minOccurs="0"&gt;       &lt;xsd:annotation&gt;         &lt;xsd:documentation xml:lang="en"&gt;Type of bidrate such as CBR/VBR/MBR.&lt;/xsd:documentation&gt;       &lt;/xsd:annotation&gt;     &lt;/xsd:element&gt;     &lt;xsd:element name="codec" type="xsd:string" maxOccurs="1" minOccurs="0"&gt;       &lt;xsd:annotation&gt;         &lt;xsd:documentation xml:lang="en"&gt;Name of used codec.&lt;/xsd:documentation&gt;       &lt;/xsd:annotation&gt;     &lt;/xsd:element&gt;     &lt;xsd:element name="codecsettings" type="xsd:string" maxOccurs="1" minOccurs="0"&gt;       &lt;xsd:annotation&gt;         &lt;xsd:documentation xml:lang="en"&gt;Some arbitrary settings info in reference to codec - such as "insane" or "quality=9".&lt;/xsd:documentation&gt;       &lt;/xsd:annotation&gt;     &lt;/xsd:element&gt;     &lt;xsd:element name="bytes" type="xsd:integer" maxOccurs="1" minOccurs="0"&gt;       &lt;xsd:annotation&gt;         &lt;xsd:documentation xml:lang="en"&gt;Length of file in bytes.&lt;/xsd:documentation&gt;       &lt;/xsd:annotation&gt;     &lt;/xsd:element&gt;     &lt;xsd:element name="checksums" type="checksums"/&gt;     &lt;xsd:element name="channels" type="fileChannels" maxOccurs="1" minOccurs="0"/&gt;     &lt;xsd:element name="dimension" type="dimension" maxOccurs="1" minOccurs="0"/&gt;     &lt;xsd:element name="decryptinfo" type="decryptinfo" maxOccurs="1" minOccurs="0"/&gt;   &lt;/xsd:all&gt; &lt;/xsd:complexType&gt;</pre>

## Complex Type fileLocation

Namespace	No namespace
Annotations	This element contains the path to the corresponding file. File can be accessible via path, http or ftp
Diagram	<pre> classDiagram     class fileLocation {         &lt;&lt;This element contains the path to the corresponding file. File can be accessible via path, http or ftp&gt;&gt;         path         http         ftp     }     class fileHttp {         &lt;&lt;This element contains information about http access to file.&gt;&gt;         url         user         pass         expiresdatetime     }     class path {         &lt;&lt;xsd:string&gt;&gt;     }     class http {         &lt;&lt;fileHttp&gt;&gt;     }     class ftp {         &lt;&lt;fileFtp&gt;&gt;     }     fileLocation &lt; -- fileHttp     fileLocation &lt; -- path     fileLocation &lt; -- http     fileLocation &lt; -- ftp   </pre>
Used by	Element file/location
Model	ALL(path{0,1} http{0,1} ftp{0,1})
Children	ftp, http, path
Source	<pre> &lt;xsd:complexType name="fileLocation"&gt;   &lt;xsd:annotation&gt;     &lt;xsd:documentation xml:lang="en"&gt;This element contains the path to the corresponding file. File can be accessible via path, http or ftp&lt;/xsd:documentation&gt;   &lt;/xsd:annotation&gt;   &lt;xsd:all&gt;     &lt;xsd:element name="path" type="xsd:string" maxOccurs="1" minOccurs="0"/&gt;     &lt;xsd:element name="http" type="fileHttp" maxOccurs="1" minOccurs="0"/&gt;     &lt;xsd:element name="ftp" type="fileFtp" maxOccurs="1" minOccurs="0"/&gt;   &lt;/xsd:all&gt; &lt;/xsd:complexType&gt;   </pre>

## Complex Type fileHttp

Namespace	No namespace
Annotations	This element contains information about http access to file.
Diagram	<pre> classDiagram     class fileHttp {         &lt;&lt;This element contains information about http access to file.&gt;&gt;         &lt;&lt;action (extension base)&gt;&gt;         url         user         pass         expiresdatetime     }     class action {         &lt;&lt;action (extension base)&gt;&gt;     }     fileHttp &lt; -- action     fileHttp &lt; -- url     fileHttp &lt; -- user     fileHttp &lt; -- pass     fileHttp &lt; -- expiresdatetime   </pre>
Type	extension of action
Type hierarchy	<ul style="list-style-type: none"> <li>• action</li> <li>• fileHttp</li> </ul>
Used by	Element fileLocation/http
Model	ALL(url user{0,1} pass{0,1} expiresdatetime)
Children	expiresdatetime, pass, url, user
Source	<pre> &lt;xsd:complexType name="fileHttp"&gt;   &lt;xsd:annotation&gt;     &lt;xsd:documentation xml:lang="en"&gt;This element contains information about http access to file.&lt;/xsd:documentation&gt;   &lt;/xsd:annotation&gt;   &lt;xsd:complexContent&gt;     &lt;xsd:extension base="action"&gt;       &lt;xsd:all&gt;         &lt;xsd:element name="url" type="url"/&gt;         &lt;xsd:element name="user" type="xsd:string" maxOccurs="1" minOccurs="0"/&gt;         &lt;xsd:element name="pass" type="xsd:string" maxOccurs="1" minOccurs="0"/&gt;         &lt;xsd:element name="expiresdatetime" type="datetimeGMT"/&gt;       &lt;/xsd:all&gt;     &lt;/xsd:extension&gt;   &lt;/xsd:complexContent&gt; &lt;/xsd:complexType&gt;   </pre>

</xsd:complexType>

## Complex Type fileFtp

Namespace	No namespace
Annotations	This element contains information about ftp access to file just like server, port, path to file and credentials (user / password). The expiredate tells until when this file is definitely available to be called.
Diagram	<pre> classDiagram     class fileFtp {         &lt;&lt;Base Type: action&gt;&gt;     }     class action {         &lt;&lt;extension base&gt;&gt;     }     fileFtp --o action     action &lt; --&gt; server     action &lt; --&gt; port     action &lt; --&gt; path     action &lt; --&gt; user     action &lt; --&gt; pass     action &lt; --&gt; expiresdatetime   </pre> <p>This element contains information about ftp access to file just like server, port, path to file and credentials (user / password).</p>
Type	extension of action
Type hierarchy	<ul style="list-style-type: none"> <li>• action</li> <li>• fileFtp</li> </ul>
Used by	Element fileLocation/ftp
Model	ALL(server port path user{0,1} pass{0,1} expiresdatetime)
Children	expiresdatetime, pass, path, port, server, user
Source	<pre> &lt;xsd:complexType name="fileFtp"&gt;   &lt;xsd:annotation&gt;     &lt;xsd:documentation xml:lang="en"&gt;This element contains information about ftp access to file just like server, port, path to file and credentials (user / password). The expiredate tells until when this file is definitely available to be called.&lt;/   &lt;xsd:annotation&gt;   &lt;xsd:complexContent&gt;     &lt;xsd:extension base="action"&gt;       &lt;xsd:all&gt;         &lt;xsd:element name="server" type="xsd:string"/&gt;         &lt;xsd:element name="port" type="xsd:string"/&gt;         &lt;xsd:element name="path" type="xsd:string"/&gt;         &lt;xsd:element name="user" type="xsd:string" maxOccurs="1" minOccurs="0"/&gt;         &lt;xsd:element name="pass" type="xsd:string" maxOccurs="1" minOccurs="0"/&gt;         &lt;xsd:element name="expiresdatetime" type="datetimeGMT"/&gt;       &lt;/xsd:all&gt;     &lt;/xsd:extension&gt;   &lt;/xsd:complexContent&gt; &lt;/xsd:complexType&gt;   </pre>

## Complex Type checksums

Namespace	No namespace
Annotations	This element contains checksums for the file.
Diagram	<pre> class Diagram {     class checksums {         &lt;&lt;This element contains checksums for the file.&gt;&gt;     }     class md5 {         &lt;&lt;Type: xsd:string&gt;&gt;     }     class sha1 {         &lt;&lt;Type: xsd:string&gt;&gt;     }     class sha256 {         &lt;&lt;Type: xsd:string&gt;&gt;     }     checksums --o md5     checksums --o sha1     checksums --o sha256   </pre>
Used by	Elements decryptinfo/checksums, file/checksums

Model	ALL(md5{0,1} sha1{0,1} sha256{0,1})
Children	md5, sha1, sha256
Source	<pre>&lt;xsd:complexType name="checksums"&gt;   &lt;xsd:annotation&gt;     &lt;xsd:documentation xml:lang="en"&gt;This element contains checksums for the file.&lt;/xsd:documentation&gt;   &lt;/xsd:annotation&gt;   &lt;xsd:all&gt;     &lt;xsd:element name="md5" type="xsd:string" maxOccurs="1" minOccurs="0"/&gt;     &lt;xsd:element name="sha1" type="xsd:string" maxOccurs="1" minOccurs="0"/&gt;     &lt;xsd:element name="sha256" type="xsd:string" maxOccurs="1" minOccurs="0"/&gt;   &lt;/xsd:all&gt; &lt;/xsd:complexType&gt;</pre>

## Complex Type dimension

Namespace	No namespace
Annotations	This element contains entries for the dimension (width and height) of the file.
Diagram	<pre>graph LR     dimension[dimension] --&gt; width["width&lt;br/&gt;Type   xsd:integer"]     dimension --&gt; height["height&lt;br/&gt;Type   xsd:integer"]</pre>
Used by	Element file/dimension
Model	width , height
Children	height, width
Source	<pre>&lt;xsd:complexType name="dimension"&gt;   &lt;xsd:annotation&gt;     &lt;xsd:documentation xml:lang="en"&gt;This element contains entries for the dimension (width and height) of the file.&lt;/xsd:documentation&gt;   &lt;/xsd:annotation&gt;   &lt;xsd:sequence&gt;     &lt;xsd:element name="width" type="xsd:integer"/&gt;     &lt;xsd:element name="height" type="xsd:integer"/&gt;   &lt;/xsd:sequence&gt; &lt;/xsd:complexType&gt;</pre>

## Complex Type decryptinfo

Namespace	No namespace
Annotations	This element contains information about decryption of corresponding file.
Diagram	<pre>graph LR     decryptinfo[decryptinfo] --&gt; cipher["cipher&lt;br/&gt;Type   xsd:string"]     decryptinfo --&gt; initvector["initvector&lt;br/&gt;Type   xsd:string"]     decryptinfo --&gt; key["key&lt;br/&gt;Type   xsd:string"]     decryptinfo --&gt; bytes["bytes&lt;br/&gt;Type   xsd:string"]     decryptinfo --&gt; checksums["checksums&lt;br/&gt;Type   checksums"]      cipher --- tooltip[cipher&lt;br/&gt;Type   xsd:string]     cipher --- tooltip[Contains info about the cipher for decryption like AES, RIJNDAEL, XOR, Arcfour, whatever - should be "convenient".]     initvector --- tooltip[initvector&lt;br/&gt;Type   xsd:string]     key --- tooltip[key&lt;br/&gt;Type   xsd:string]     bytes --- tooltip[bytes&lt;br/&gt;Type   xsd:string]     checksums --- tooltip[checksums&lt;br/&gt;Type   checksums]</pre>
Used by	Element file/decryptinfo
Model	ALL(cipher{0,1} initvector{0,1} key{0,1} bytes{0,1} checksums{0,1})
Children	bytes, checksums, cipher, initvector, key
Source	<pre>&lt;xsd:complexType name="decryptinfo"&gt;   &lt;xsd:annotation&gt;     &lt;xsd:documentation xml:lang="en"&gt;This element contains information about decryption of corresponding file.&lt;/xsd:documentation&gt;   &lt;/xsd:annotation&gt; &lt;/xsd:complexType&gt;</pre>

```

</xsd:annotation>
<xsd:all>
  <xsd:element name="cipher" type="xsd:string" minOccurs="0" maxOccurs="1">
    <xsd:annotation>
      <xsd:documentation xml:lang="en">Contains info about the cipher for decryption like AES, RIJNDAEL, XOR, Arcfour, whatever - should be "convenient".</xsd:documentation>
    </xsd:annotation>
  </xsd:element>
  <xsd:element name="initvector" type="xsd:string" minOccurs="0" maxOccurs="1"/>
  <xsd:element name="key" type="xsd:string" minOccurs="0" maxOccurs="1"/>
  <xsd:element name="bytes" type="xsd:string" minOccurs="0" maxOccurs="1"/>
  <xsd:element name="checksums" type="checksums" minOccurs="0" maxOccurs="1"/>
</xsd:all>
</xsd:complexType>

```

## Complex Type purchase

Namespace	No namespace
Annotations	This element contains information about purchase. Mostly when this feeds recipient is a POS.
Diagram	<pre> classDiagram     class purchase {         pos : xsd:string         url : xsd:string     }     note over purchase: This element contains information about purchase. Mostly when this feeds recipient is a POS. </pre>
Used by	Element bundle/purchase
Model	ALL(pos url)
Children	pos, url
Source	<pre> &lt;xsd:complexType name="purchase"&gt;   &lt;xsd:annotation&gt;     &lt;xsd:documentation xml:lang="en"&gt;This element contains information about purchase. Mostly when this feeds recipient is a POS.&lt;/xsd:documentation&gt;   &lt;/xsd:annotation&gt;   &lt;xsd:all&gt;     &lt;xsd:element name="pos" type="xsd:string"/&gt;     &lt;xsd:element name="url" type="xsd:string"/&gt;   &lt;/xsd:all&gt; &lt;/xsd:complexType&gt; </pre>

## Complex Type license\_basis\_item

Namespace	No namespace
Annotations	This element includes the basic rules and information under which this bundle is provided. The optional element "streaming_allowed" tells if streaming is allowed or not
Diagram	<pre> classDiagram     class license_basis_item {         territorial : territorial         timeframe : timeframe         pricing : pricing         streaming_allowed : xsd:boolean         channels : channels         as_on_bundle : xsd:boolean     }     note over license_basis_item: This element includes the basic rules and information under which this bundle is provided. The optional element... </pre>
Used by	Element item/license_basis
Model	ALL(territorial{0,1} timeframe{0,1} pricing{0,1} streaming_allowed{0,1} channels{0,1} as_on_bundle{0,1})
Children	as_on_bundle, channels, pricing, streaming_allowed, territorial, timeframe
Source	<pre> &lt;xsd:complexType name="license_basis_item"&gt; </pre>

```

<xsd:annotation>
  <xsd:documentation xml:lang="en">This element includes the basic rules and information
under which this bundle is provided. The optional element "streaming_allowed" tells if
streaming is allowed or not</xsd:documentation>
</xsd:annotation>
<xsd:all>
  <xsd:element name="territorial" type="territorial" maxOccurs="1" minOccurs="0"/>
  <xsd:element name="timeframe" type="timeframe" maxOccurs="1" minOccurs="0"/>
  <xsd:element name="pricing" type="pricing" maxOccurs="1" minOccurs="0"/>
  <xsd:element name="streaming_allowed" type="xsd:boolean" maxOccurs="1" minOccurs="0"/>
  <xsd:element name="channels" type="channels" maxOccurs="1" minOccurs="0"/>
  <xsd:element name="as_on_bundle" type="xsd:boolean" maxOccurs="1" minOccurs="0"/>
</xsd:all>
</xsd:complexType>

```

## Complex Type license\_specifics\_item

Namespace	No namespace
Annotations	This element includes specific rules which should be applied.
Diagram	<pre> classDiagram     class license_specifics_item {         &lt;&lt;This element includes specific rules which should be applied.&gt;&gt;     }     class rules {         &lt;&lt;Type rules&gt;&gt;     }     class as_on_bundle {         &lt;&lt;Type xsd:boolean&gt;&gt;     }     license_specifics_item "1..2" --&gt; rules     license_specifics_item "1..2" --&gt; as_on_bundle     note over license_specifics_item: This element includes specific rules which should be applied.     note over rules: Type rules     note over as_on_bundle: Type xsd:boolean   </pre>
Used by	Element item/license_specifics
Model	rules{0,1}   as_on_bundle{0,1}
Children	as_on_bundle, rules
Source	<pre> &lt;xsd:complexType name="license_specifics_item"&gt;   &lt;xsd:annotation&gt;     &lt;xsd:documentation xml:lang="en"&gt;This element includes specific rules which should be applied.&lt;/xsd:documentation&gt;   &lt;/xsd:annotation&gt;   &lt;xsd:choice minOccurs="1" maxOccurs="2"&gt;     &lt;xsd:element name="rules" type="rules" maxOccurs="1" minOccurs="0"/&gt;     &lt;xsd:element name="as_on_bundle" type="xsd:boolean" maxOccurs="1" minOccurs="0"/&gt;   &lt;/xsd:choice&gt; &lt;/xsd:complexType&gt; </pre>

## Complex Type fingerprint

Namespace	No namespace
Annotations	This element includes an element "echoprint" ( <a href="http://echoprint.me">http://echoprint.me</a>   <a href="https://github.com/echonest/echoprint-codegen">https://github.com/echonest/echoprint-codegen</a> ).
Diagram	<pre> classDiagram     class fingerprint {         &lt;&lt;This element includes an element "echoprint" (http://echoprint.me   https://github.com/echonest/echoprint-codegen).&gt;&gt;     }     class echoprint {         &lt;&lt;Type xsd:string&gt;&gt;     }     fingerprint "0..1" --&gt; echoprint     note over echoprint: Type xsd:string   </pre>
Used by	Element item/fingerprint
Model	echoprint{0,1}
Children	echoprint
Source	<pre> &lt;xsd:complexType name="fingerprint"&gt;   &lt;xsd:annotation&gt;     &lt;xsd:documentation xml:lang="en"&gt;This element includes an element "echoprint" (<a href="http://echoprint.me">http://echoprint.me</a>   <a href="https://github.com/echonest/echoprint-codegen">https://github.com/echonest/echoprint-codegen</a>).&lt;/xsd:documentation&gt;   &lt;/xsd:annotation&gt;   &lt;xsd:sequence&gt;     &lt;xsd:element name="echoprint" type="xsd:string" maxOccurs="1" minOccurs="0"/&gt;   &lt;/xsd:sequence&gt; &lt;/xsd:complexType&gt; </pre>

## Complex Type oninitialreceive

Namespace	No namespace
-----------	--------------

Annotations	This element contains information about what should be done on initial receive of the feed.
Diagram	<pre> classDiagram     event &lt; -- oninitialreceive     event &lt; -- mailto     event &lt; -- http     event &lt; -- fax     event &lt; -- letter   </pre> <p>This element contains information about what should be done on initial receive of the feed.</p> <p>This element contains information about possible events and actions.</p>
Type	extension of event
Type hierarchy	<ul style="list-style-type: none"> <li>• event             <ul style="list-style-type: none"> <li>• oninitialreceive</li> </ul> </li> </ul>
Model	mailto*, http*, fax*, letter*
Children	fax, http, letter, mailto
Source	<pre> &lt;xsd:complexType name="oninitialreceive"&gt;   &lt;xsd:annotation&gt;     &lt;xsd:documentation xml:lang="en"&gt;This element contains information about what should be done on initial receive of the feed.&lt;/xsd:documentation&gt;   &lt;/xsd:annotation&gt;   &lt;xsd:complexContent&gt;     &lt;xsd:extension base="event" /&gt;   &lt;/xsd:complexContent&gt; &lt;/xsd:complexType&gt;   </pre>

## Complex Type onprocessstart

Namespace	No namespace
Annotations	This element contains information about what should be done on the start of processing the feed.
Diagram	<pre> classDiagram     event &lt; -- onprocessstart     event &lt; -- mailto     event &lt; -- http     event &lt; -- fax     event &lt; -- letter   </pre> <p>This element contains information about what should be done on the start of processing the feed.</p> <p>This element contains information about possible events and actions.</p>
Type	extension of event
Type hierarchy	<ul style="list-style-type: none"> <li>• event             <ul style="list-style-type: none"> <li>• onprocessstart</li> </ul> </li> </ul>
Model	mailto*, http*, fax*, letter*
Children	fax, http, letter, mailto
Source	<pre> &lt;xsd:complexType name="onprocessstart"&gt;   &lt;xsd:annotation&gt;     &lt;xsd:documentation xml:lang="en"&gt;This element contains information about what should be done on the start of processing the feed.&lt;/xsd:documentation&gt;   &lt;/xsd:annotation&gt;   &lt;xsd:complexContent&gt;     &lt;xsd:extension base="event" /&gt;   &lt;/xsd:complexContent&gt; &lt;/xsd:complexType&gt;   </pre>

</xsd:complexType>

## Complex Type onprocessend

Namespace	No namespace
Annotations	This element contains information about what should be done on the end of processing the feed.
Diagram	<pre> classDiagram     event &lt; -- onprocessend     event &lt; -- Base Type event     event --&gt; mailto : 0..oo     event --&gt; http : 0..oo     event --&gt; fax : 0..oo     event --&gt; letter : 0..oo   </pre> <p>This element contains information about what should be done on the end of processing the feed.</p> <p>This element contains information about possible events and actions.</p>
Type	extension of event
Type hierarchy	<ul style="list-style-type: none"> <li>• event           <ul style="list-style-type: none"> <li>• onprocessend</li> </ul> </li> </ul>
Model	mailto*, http*, fax*, letter*
Children	fax, http, letter, mailto
Source	<pre> &lt;xsd:complexType name="onprocessend"&gt;   &lt;xsd:annotation&gt;     &lt;xsd:documentation xml:lang="en"&gt;This element contains information about what should be done on the end of processing the feed.&lt;/xsd:documentation&gt;   &lt;/xsd:annotation&gt;   &lt;xsd:complexContent&gt;     &lt;xsd:extension base="event" /&gt;   &lt;/xsd:complexContent&gt; &lt;/xsd:complexType&gt;   </pre>

## Complex Type onfullsuccess

Namespace	No namespace
Annotations	This element contains information about what should be done on full success processing the feed.
Diagram	<pre> classDiagram     event &lt; -- onfullsuccess     event &lt; -- Base Type event     event --&gt; mailto : 0..oo     event --&gt; http : 0..oo     event --&gt; fax : 0..oo     event --&gt; letter : 0..oo   </pre> <p>This element contains information about what should be done on full success processing the feed.</p> <p>This element contains information about possible events and actions.</p>
Type	extension of event
Type hierarchy	<ul style="list-style-type: none"> <li>• event           <ul style="list-style-type: none"> <li>• onfullsuccess</li> </ul> </li> </ul>
Model	mailto*, http*, fax*, letter*
Children	fax, http, letter, mailto
Source	<pre> &lt;xsd:complexType name="onfullsuccess"&gt;   </pre>

```

<xsd:annotation>
  <xsd:documentation xml:lang="en">This element contains information about what should
be done on full success processing the feed.</xsd:documentation>
</xsd:annotation>
<xsd:complexContent>
  <xsd:extension base="event"/>
</xsd:complexContent>
</xsd:complexType>

```

## Complex Type onerror

Namespace	No namespace
Annotations	This element contains information about what should be done on error processing the feed.
Diagram	<p>This element contains information about what should be done on error processing the feed.</p> <p>This element contains information about possible events and actions.</p>
Type	extension of event
Type hierarchy	<ul style="list-style-type: none"> <li>• event</li> <li>• onerror</li> </ul>
Model	mailto*, http*, fax*, letter*
Children	fax, http, letter, mailto
Source	<pre> &lt;xsd:complexType name="onerror"&gt;   &lt;xsd:annotation&gt;     &lt;xsd:documentation xml:lang="en"&gt;This element contains information about what should be done on error processing the feed.&lt;/xsd:documentation&gt;   &lt;/xsd:annotation&gt;   &lt;xsd:complexContent&gt;     &lt;xsd:extension base="event"/&gt;   &lt;/xsd:complexContent&gt; &lt;/xsd:complexType&gt; </pre>

## Simple Type(s)

### Simple Type datetimeGMT

Namespace	No namespace
Diagram	<p>Built-in primitive type. The string datatype represents character strings in XML.</p>
Type	restriction of xsd:string
Facets	<p>pattern <math>\backslash d\{4\}-\backslash d\{2\}-\backslash d\{2\}</math>  <math>\backslash d\{2\}:\backslash d\{2\}:\backslash d\{2\}</math> GMT  <math>+\backslash d\{2\}:\backslash d\{2\}</math></p>
Used by	<p>Elements</p> <p>feedinfo/creationdatetime, feedinfo/effectivedatetime, fileFtp/expiredatetime,  fileHttp/expiredatetime, information/digital_release_datetime, information/  physical_release_datetime, timeframe/from, timeframe/to</p>
Source	<pre> &lt;xsd:simpleType name="datetimeGMT"&gt;   &lt;xsd:restriction base="xsd:string"&gt;     &lt;xsd:pattern value="\d{4}-\d{2}-\d{2}\ \d{2}:\d{2}:\d{2} GMT\+\d{2}:\d{2}" /&gt;     &lt;!-- "2010-01-31 00:00:00 GMT+00:00" - should be altered to some NMTOKENS or such ... --&gt;   &lt;/xsd:restriction&gt; </pre>

</xsd:simpleType>

## Simple Type email

Namespace	No namespace
Diagram	
Type	restriction of xsd:string
Facets	<p>pattern</p> <pre>( ([a-zA-Z0-9_]-[.]+)@[a-zA-Z0-9-]+(\.[a-zA-Z0-9-]+)*(\.[a-zA-Z]{2,3}))?</pre>
Used by	Elements creator/email, crypto/relatedemail, licensee/email, licensor/email, sender/email
Source	<pre>&lt;xsd:simpleType name="email"&gt;   &lt;xsd:restriction base="xsd:string"&gt;     &lt;xsd:pattern value="(([a-zA-Z0-9_]-[.]+)@[a-zA-Z0-9-]+(\.[a-zA-Z0-9-]+)*(\.[a-zA-Z]{2,3}))?" /&gt;   &lt;/xsd:restriction&gt; &lt;/xsd:simpleType&gt;</pre>

## Simple Type userid

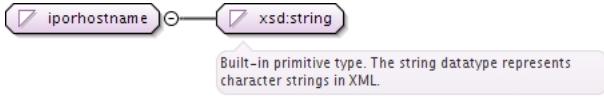
Namespace	No namespace
Diagram	
Type	xsd:string
Used by	Element creator/userid
Source	<pre>&lt;xsd:simpleType name="userid"&gt;   &lt;xsd:restriction base="xsd:string"/&gt; &lt;/xsd:simpleType&gt;</pre>

## Simple Type receivertypes

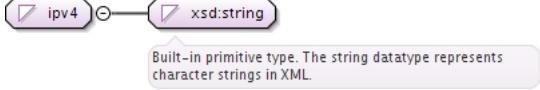
Namespace	No namespace
Diagram	
Type	restriction of xsd:string
Facets	<p>enumeration ftp</p> <p>enumeration ftps</p> <p>enumeration sftp</p> <p>enumeration webdav</p> <p>enumeration openSDX fileserver</p>
Used by	Element receiver/type
Source	<pre>&lt;xsd:simpleType name="receivertypes"&gt;   &lt;xsd:restriction base="xsd:string"&gt;     &lt;xsd:enumeration value="ftp"/&gt;     &lt;xsd:enumeration value="ftps"/&gt;     &lt;xsd:enumeration value="sftp"/&gt;     &lt;xsd:enumeration value="webdav"/&gt;     &lt;xsd:enumeration value="openSDX fileserver"/&gt;   &lt;/xsd:restriction&gt; &lt;/xsd:simpleType&gt;</pre>

## Simple Type iporhostname

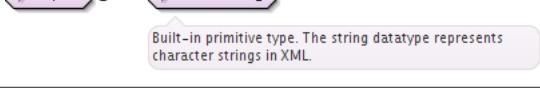
Namespace	No namespace
-----------	--------------

Diagram	
Type	xsd:string
Used by	Element receiver/servername
Source	<pre>&lt;xsd:simpleType name="iporhostname"&gt;   &lt;xsd:restriction base="xsd:string"/&gt; &lt;/xsd:simpleType&gt;</pre>

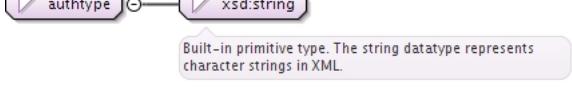
## Simple Type ipv4

Namespace	No namespace
Diagram	
Type	restriction of xsd:string
Facets	<p>pattern</p> <pre>(25[0-5] 2[0-4][0-9] 1[0-9][0-9] 1[0-9]  {1,2})(\.(25[0-5] 2[0-4][0-9] 1[0-9]  [0-9] 1[0-9]{1,2})) {3}</pre>
Used by	Element receiver/serverip4
Source	<pre>&lt;xsd:simpleType name="ipv4"&gt;   &lt;xsd:restriction base="xsd:string"&gt;     &lt;xsd:pattern value="(25[0-5] 2[0-4][0-9] 1[0-9][0-9] 1[0-9]  {1,2})(\.(25[0-5] 2[0-4][0-9] 1[0-9]  [0-9] 1[0-9]{1,2})) {3}"&gt;       &lt;xsd:annotation&gt;         &lt;xsd:documentation xml:lang="en"&gt;Internet Protocol version 4 (IPv4) is the fourth  revision in the development of the Internet Protocol (IP) and the first version of the  protocol to be widely deployed. Valide ipv4-addresses includes four dotted separated  blocks with digits between 0 and 255.&lt;/xsd:documentation&gt;       &lt;/xsd:annotation&gt;     &lt;/xsd:pattern&gt;   &lt;/xsd:restriction&gt; &lt;/xsd:simpleType&gt;</pre>

## Simple Type ipv6

Namespace	No namespace
Diagram	
Type	xsd:string
Used by	Element receiver/serverip6
Source	<pre>&lt;xsd:simpleType name="ipv6"&gt;   &lt;xsd:restriction base="xsd:string"&gt;     &lt;!-- not pattern defined yet... --&gt;   &lt;/xsd:restriction&gt; &lt;/xsd:simpleType&gt;</pre>

## Simple Type authtype

Namespace	No namespace
Diagram	
Type	restriction of xsd:string
Facets	<p>enumeration</p> <pre>login</pre>

	enumeration	keyfile
	enumeration	kerberos
	enumeration	keyfile+login
	enumeration	keyfile+username
Used by	Element	receiver/authtype
Source	<pre>&lt;xsd:simpleType name="authtype"&gt;   &lt;xsd:restriction base="xsd:string"&gt;     &lt;xsd:enumeration value="login"/&gt;     &lt;xsd:enumeration value="keyfile"/&gt;     &lt;xsd:enumeration value="kerberos"/&gt;     &lt;xsd:enumeration value="keyfile+login"/&gt;     &lt;xsd:enumeration value="keyfile+username"/&gt;   &lt;/xsd:restriction&gt; &lt;/xsd:simpleType&gt;</pre>	

### Simple Type keyid

Namespace	No namespace
Diagram	<p>Built-in primitive type. The string datatype represents character strings in XML.</p>
Type	xsd:string
Used by	Element crypto/usedkeyid
Source	<pre>&lt;xsd:simpleType name="keyid"&gt;   &lt;xsd:restriction base="xsd:string"&gt;   &lt;/xsd:restriction&gt; &lt;/xsd:simpleType&gt;</pre>

### Simple Type emaillist

Namespace	No namespace
Diagram	<p>Built-in primitive type. The string datatype represents character strings in XML.</p>
Type	xsd:string
Used by	Element mailto/receiver
Source	<pre>&lt;xsd:simpleType name="emaillist"&gt;   &lt;xsd:restriction base="xsd:string"&gt;     &lt;!-- make to NMOKENS or such... --&gt;   &lt;/xsd:restriction&gt; &lt;/xsd:simpleType&gt;</pre>

### Simple Type url

Namespace	No namespace
Diagram	<p>Built-in primitive type. The string datatype represents character strings in XML.</p>
Type	xsd:string
Used by	Elements fileHttp/url, http/url
Source	<pre>&lt;xsd:simpleType name="url"&gt;   &lt;xsd:restriction base="xsd:string"&gt;     &lt;!-- not pattern defined yet... --&gt;   &lt;/xsd:restriction&gt; &lt;/xsd:simpleType&gt;</pre>

### Simple Type httpmethods

Namespace	No namespace
-----------	--------------

Diagram							
Type	restriction of xsd:string						
Facets	<table> <tr> <td>enumeration</td><td>GET</td></tr> <tr> <td>enumeration</td><td>POST</td></tr> <tr> <td>enumeration</td><td>HEAD</td></tr> </table>	enumeration	GET	enumeration	POST	enumeration	HEAD
enumeration	GET						
enumeration	POST						
enumeration	HEAD						
Used by	Element http/type						
Source	<pre>&lt;xsd:simpleType name="httpmethods"&gt;   &lt;xsd:restriction base="xsd:string"&gt;     &lt;xsd:enumeration value="GET"/&gt;     &lt;xsd:enumeration value="POST"/&gt;     &lt;xsd:enumeration value="HEAD"/&gt;   &lt;/xsd:restriction&gt; &lt;/xsd:simpleType&gt;</pre>						

## Simple Type upc

Namespace	No namespace
Diagram	
Type	restriction of xsd:string
Facets	pattern $(\d{10,13})?$
Used by	Element ids/upc
Source	<pre>&lt;xsd:simpleType name="upc"&gt;   &lt;xsd:restriction base="xsd:string"&gt;     &lt;xsd:pattern value="(\d{10,13})?"&gt;       &lt;xsd:annotation&gt;         &lt;xsd:documentation xml:lang="en"&gt;The Universal Product Code (UPC) is a barcode symbology (i.e., a specific type of barcode), that is widely used in North America, and in countries including the UK, Australia, and New Zealand for tracking trade items in stores. Its most common form, the UPC-A, consists of 12 numerical digits, which are uniquely assigned to each trade item. Along with the related EAN barcode, the UPC is the only barcode allowed for scanning trade items at the point of sale, per GS1 standards.&lt;/xsd:documentation&gt;       &lt;/xsd:annotation&gt;     &lt;/xsd:pattern&gt;   &lt;/xsd:restriction&gt; &lt;/xsd:simpleType&gt;</pre>

## Simple Type isrc

Namespace	No namespace
Diagram	
Type	restriction of xsd:string
Facets	pattern $(/[a-zA-Z]{2}\-[0-9a-zA-Z]{3}\-\d{2}\-\d{5})?$
Used by	Element ids/isrc
Source	<pre>&lt;xsd:simpleType name="isrc"&gt;   &lt;xsd:restriction base="xsd:string"&gt;     &lt;xsd:pattern value="([a-zA-Z]{2}\-[0-9a-zA-Z]{3}\-\d{2}\-\d{5})?"&gt;       &lt;xsd:annotation&gt;         &lt;xsd:documentation xml:lang="en"&gt;The International Standard Recording Code (ISRC), defined by ISO 3901, is an international standard code for uniquely identifying sound recordings and music video recordings.&lt;/xsd:documentation&gt;       &lt;/xsd:annotation&gt;     &lt;/xsd:pattern&gt;   &lt;/xsd:restriction&gt; &lt;/xsd:simpleType&gt;</pre>

```
</xsd:restriction>
</xsd:simpleType>
```

## Simple Type finetunes

Namespace	No namespace
Diagram	<p>The diagram shows a class named 'finetunes' with a generalization arrow pointing to 'xsd:string'. A callout box indicates that 'xsd:string' is a 'Built-in primitive type. The string datatype represents character strings in XML.'</p>
Type	restriction of xsd:string
Facets	pattern $(\d\{13\})?$
Used by	Element ids/finetunes
Source	<pre>&lt;xsd:simpleType name="finetunes"&gt;   &lt;xsd:restriction base="xsd:string"&gt;     &lt;xsd:pattern value="(\d\{13\})?"&gt;       &lt;xsd:annotation&gt;         &lt;xsd:documentation xml:lang="en"&gt;The 13 digits long identifier of a item at finetunes.&lt;/xsd:documentation&gt;       &lt;/xsd:annotation&gt;     &lt;/xsd:pattern&gt;   &lt;/xsd:restriction&gt; &lt;/xsd:simpleType&gt;</pre>

## Simple Type contributorType

Namespace	No namespace																																												
Diagram	<p>The diagram shows a class named 'contributorType' with a generalization arrow pointing to 'xsd:string'. A callout box indicates that 'xsd:string' is a 'Built-in primitive type. The string datatype represents character strings in XML.'</p>																																												
Type	restriction of xsd:string																																												
Facets	<table border="1"> <tr><td>enumeration</td><td>label</td></tr> <tr><td>enumeration</td><td>performer</td></tr> <tr><td>enumeration</td><td>texter</td></tr> <tr><td>enumeration</td><td>editor</td></tr> <tr><td>enumeration</td><td>conductor</td></tr> <tr><td>enumeration</td><td>display_artist</td></tr> <tr><td>enumeration</td><td>singer</td></tr> <tr><td>enumeration</td><td>composer</td></tr> <tr><td>enumeration</td><td>mixer</td></tr> <tr><td>enumeration</td><td>remixer</td></tr> <tr><td>enumeration</td><td>producer</td></tr> <tr><td>enumeration</td><td>featuring</td></tr> <tr><td>enumeration</td><td>with</td></tr> <tr><td>enumeration</td><td>DJ</td></tr> <tr><td>enumeration</td><td>versus</td></tr> <tr><td>enumeration</td><td>meets</td></tr> <tr><td>enumeration</td><td>presents</td></tr> <tr><td>enumeration</td><td>compilator</td></tr> <tr><td>enumeration</td><td>copyright</td></tr> <tr><td>enumeration</td><td>production</td></tr> <tr><td>enumeration</td><td>publisher</td></tr> <tr><td>enumeration</td><td>clearinghouse</td></tr> </table>	enumeration	label	enumeration	performer	enumeration	texter	enumeration	editor	enumeration	conductor	enumeration	display_artist	enumeration	singer	enumeration	composer	enumeration	mixer	enumeration	remixer	enumeration	producer	enumeration	featuring	enumeration	with	enumeration	DJ	enumeration	versus	enumeration	meets	enumeration	presents	enumeration	compilator	enumeration	copyright	enumeration	production	enumeration	publisher	enumeration	clearinghouse
enumeration	label																																												
enumeration	performer																																												
enumeration	texter																																												
enumeration	editor																																												
enumeration	conductor																																												
enumeration	display_artist																																												
enumeration	singer																																												
enumeration	composer																																												
enumeration	mixer																																												
enumeration	remixer																																												
enumeration	producer																																												
enumeration	featuring																																												
enumeration	with																																												
enumeration	DJ																																												
enumeration	versus																																												
enumeration	meets																																												
enumeration	presents																																												
enumeration	compilator																																												
enumeration	copyright																																												
enumeration	production																																												
enumeration	publisher																																												
enumeration	clearinghouse																																												
Used by	Element contributor/type																																												
Source	<pre>&lt;xsd:simpleType name="contributorType"&gt;</pre>																																												

```

<xsd:restriction base="xsd:string">
  <xsd:enumeration value="label" />
  <xsd:enumeration value="performer" />
  <xsd:enumeration value="texter" />
  <xsd:enumeration value="editor" />
  <xsd:enumeration value="conductor" />
  <xsd:enumeration value="display_artist" />
  <xsd:enumeration value="singer" />
  <xsd:enumeration value="composer" />
  <xsd:enumeration value="mixer" />
  <xsd:enumeration value="remixer" />
  <xsd:enumeration value="producer" />
  <xsd:enumeration value="featuring" />
  <xsd:enumeration value="with" />
  <xsd:enumeration value="DJ" />
  <xsd:enumeration value="versus" />
  <xsd:enumeration value="meets" />
  <xsd:enumeration value="presents" />
  <xsd:enumeration value="compilator" />
  <xsd:enumeration value="copyright" />
  <xsd:enumeration value="production" />
  <xsd:enumeration value="publisher" />
  <xsd:enumeration value="clearinghouse" />
</xsd:restriction>
</xsd:simpleType>

```

## Simple Type allowance

Namespace	No namespace				
Diagram	<p>Built-in primitive type. The string datatype represents character strings in XML.</p>				
Type	restriction of xsd:string				
Facets	<table> <tr> <td>enumeration</td> <td>allow</td> </tr> <tr> <td>enumeration</td> <td>disallow</td> </tr> </table>	enumeration	allow	enumeration	disallow
enumeration	allow				
enumeration	disallow				
Used by	Attributes channel/@type, territory/@type				
Source	<pre> &lt;xsd:simpleType name="allowance"&gt;   &lt;xsd:restriction base="xsd:string"&gt;     &lt;xsd:enumeration value="allow" /&gt;     &lt;xsd:enumeration value="disallow" /&gt;   &lt;/xsd:restriction&gt; &lt;/xsd:simpleType&gt; </pre>				

## Simple Type operator

Namespace	No namespace										
Diagram	<p>Built-in primitive type. The string datatype represents character strings in XML.</p>										
Type	restriction of xsd:string										
Facets	<table> <tr> <td>enumeration</td> <td>equals</td> </tr> <tr> <td>enumeration</td> <td>before</td> </tr> <tr> <td>enumeration</td> <td>after</td> </tr> <tr> <td>enumeration</td> <td>contains</td> </tr> <tr> <td>enumeration</td> <td>containedin</td> </tr> </table>	enumeration	equals	enumeration	before	enumeration	after	enumeration	contains	enumeration	containedin
enumeration	equals										
enumeration	before										
enumeration	after										
enumeration	contains										
enumeration	containedin										
Used by	Element if/operator										
Source	<pre> &lt;xsd:simpleType name="operator"&gt;   &lt;xsd:restriction base="xsd:string"&gt;     &lt;xsd:enumeration value="equals" /&gt;     &lt;xsd:enumeration value="before" /&gt;     &lt;xsd:enumeration value="after" /&gt;     &lt;xsd:enumeration value="contains" /&gt;     &lt;xsd:enumeration value="containedin" /&gt;   &lt;/xsd:restriction&gt; &lt;/xsd:simpleType&gt; </pre>										

## Simple Type explicitLyrics

Namespace	No namespace						
Diagram	<pre> graph LR     explicitLyrics[xsd:simpleType explicitLyrics] --&gt; xsdString[xsd:string]     </pre> <p>Built-in primitive type. The string datatype represents character strings in XML.</p>						
Type	restriction of xsd:string						
Facets	<table> <tr> <td>enumeration</td> <td>true</td> </tr> <tr> <td>enumeration</td> <td>false</td> </tr> <tr> <td>enumeration</td> <td>cleaned</td> </tr> </table>	enumeration	true	enumeration	false	enumeration	cleaned
enumeration	true						
enumeration	false						
enumeration	cleaned						
Used by	Element tags/explicit_lyrics						
Source	<pre> &lt;xsd:simpleType name="explicitLyrics"&gt;   &lt;xsd:restriction base="xsd:string"&gt;     &lt;xsd:enumeration value="true"/&gt;     &lt;xsd:enumeration value="false"/&gt;     &lt;xsd:enumeration value="cleaned"/&gt;   &lt;/xsd:restriction&gt; &lt;/xsd:simpleType&gt; </pre>						

## Simple Type fileType

Namespace	No namespace										
Diagram	<pre> graph LR     fileType[xsd:simpleType fileType] --&gt; xsdString[xsd:string]     </pre> <p>Built-in primitive type. The string datatype represents character strings in XML.</p>										
Type	restriction of xsd:string										
Facets	<table> <tr> <td>enumeration</td> <td>full</td> </tr> <tr> <td>enumeration</td> <td>prelistening</td> </tr> <tr> <td>enumeration</td> <td>frontcover</td> </tr> <tr> <td>enumeration</td> <td>backcover</td> </tr> <tr> <td>enumeration</td> <td>booklet</td> </tr> </table>	enumeration	full	enumeration	prelistening	enumeration	frontcover	enumeration	backcover	enumeration	booklet
enumeration	full										
enumeration	prelistening										
enumeration	frontcover										
enumeration	backcover										
enumeration	booklet										
Used by	Element file/type										
Source	<pre> &lt;xsd:simpleType name="fileType"&gt;   &lt;xsd:restriction base="xsd:string"&gt;     &lt;xsd:enumeration value="full"/&gt;     &lt;xsd:enumeration value="prelistening"/&gt;     &lt;xsd:enumeration value="frontcover"/&gt;     &lt;xsd:enumeration value="backcover"/&gt;     &lt;xsd:enumeration value="booklet"/&gt;   &lt;/xsd:restriction&gt; &lt;/xsd:simpleType&gt; </pre>										

## Simple Type fileChannels

Namespace	No namespace								
Diagram	<pre> graph LR     fileChannels[xsd:simpleType fileChannels] --&gt; xsdString[xsd:string]     </pre> <p>Built-in primitive type. The string datatype represents character strings in XML.</p>								
Type	restriction of xsd:string								
Facets	<table> <tr> <td>enumeration</td> <td>mono</td> </tr> <tr> <td>enumeration</td> <td>stereo</td> </tr> <tr> <td>enumeration</td> <td>joint-stereo</td> </tr> <tr> <td>enumeration</td> <td>5.1</td> </tr> </table>	enumeration	mono	enumeration	stereo	enumeration	joint-stereo	enumeration	5.1
enumeration	mono								
enumeration	stereo								
enumeration	joint-stereo								
enumeration	5.1								
Used by	Element file/channels								
Source	<pre> &lt;xsd:simpleType name="fileChannels"&gt;   &lt;xsd:restriction base="xsd:string"&gt; </pre>								

```

<xsd:enumeration value="mono" />
<xsd:enumeration value="stereo" />
<xsd:enumeration value="joint-stereo" />
<xsd:enumeration value="5.1" />
</xsd:restriction>
</xsd:simpleType>
```

## Simple Type isbn

Namespace	No namespace
Diagram	
Type	restriction of xsd:string
Facets	<p>pattern</p> $(\backslash d\{1\}-\backslash d\{5\}-\backslash d\{3\}-\backslash d\{1\} \backslash d\{1\}-\backslash d\{3\}-\backslash d\{5\}-\backslash d\{1\} \backslash d\{1\}-\backslash d\{2\}-\backslash d\{6\}-\backslash d\{1\})?$
Source	<pre> &lt;xsd:simpleType name="isbn"&gt;   &lt;xsd:restriction base="xsd:string"&gt;     &lt;xsd:pattern value="(\backslash d\{1\}-\backslash d\{5\}-\backslash d\{3\}-\backslash d\{1\} \backslash d\{1\}-\backslash d\{3\}-\backslash d\{5\}-\backslash d\{1\}) \backslash d\{1\}-\backslash d\{2\}-\backslash d\{6\}-\backslash d\{1\})?"&gt;       &lt;xsd:annotation&gt;         &lt;xsd:documentation xml:lang="en"&gt;The International Standard Book Number (ISBN) is a unique numeric commercial book identifier based upon the 9-digit Standard Book Numbering (SBN) code.&lt;/xsd:documentation&gt;       &lt;/xsd:annotation&gt;     &lt;/xsd:pattern&gt;   &lt;/xsd:restriction&gt; &lt;/xsd:simpleType&gt;</pre>

## Attribute(s)

### Attribute publishable / @publishable

Namespace	No namespace
Type	xsd:boolean
Properties	content: simple
Used by	Complex Type publishable
Source	<pre>&lt;xsd:attribute name="publishable" type="xsd:boolean"/&gt;</pre>

### Attribute contributor / @num

Namespace	No namespace
Type	xsd:integer
Properties	content: simple
Used by	Complex Type contributor
Source	<pre>&lt;xsd:attribute name="num" type="xsd:integer"/&gt;</pre>

### Attribute promotext / @lang

Namespace	No namespace
Type	xsd:string
Properties	content: simple
Used by	Complex Type promotext
Source	<pre>&lt;xsd:attribute name="lang" type="xsd:string"/&gt;</pre>

### Attribute teasertext / @lang

Namespace	No namespace
-----------	--------------

Type	xsd:string
Properties	content: simple
Used by	Complex Type teasertext
Source	<xsd:attribute name="lang" type="xsd:string"/>

### Attribute physical\_distributor / @publishable

Namespace	No namespace
Type	xsd:boolean
Properties	content: simple
Used by	Complex Type physical_distributor
Source	<xsd:attribute name="publishable" type="xsd:boolean"/>

### Attribute territory / @type

Namespace	No namespace
Type	allowance
Properties	use: optional
Facets	enumeration allow enumeration disallow
Used by	Complex Type territory
Source	<xsd:attribute name="type" type="allowance" use="optional"/>

### Attribute channel / @type

Namespace	No namespace
Type	allowance
Properties	use: required
Facets	enumeration allow enumeration disallow
Used by	Complex Type channel
Source	<xsd:attribute name="type" type="allowance" use="required"/>

### Attribute rule / @num

Namespace	No namespace
Type	xsd:integer
Properties	content: simple
Used by	Complex Type rule
Source	<xsd:attribute name="num" type="xsd:integer"/>

## Namespace: "http://fnppl.org/opensdx/countrycodes"

### Schema(s)

#### Imported schema openSDX\_countryCodes.xsd

Namespace	http://fnppl.org/opensdx/countrycodes
Properties	attribute form default: unqualified element form default: unqualified

## Simple Type(s)

### Simple Type countryCode

Namespace	http://fnpl.org/opensdx/countrycodes																																																																																																																									
Annotations	This element includes a list of ISO 3166-1 country codes.																																																																																																																									
Diagram	<pre> classDiagram     class countryCode {         &lt;&lt;ISO 3166-1 country codes&gt;&gt;     }     class xsdString {         &lt;&lt;Built-in primitive type. The string datatype represents character strings in XML.&gt;&gt;     }     countryCode &lt; -- xsdString   </pre> <p>This element includes a list of ISO 3166-1 country codes.</p> <p>Built-in primitive type. The string datatype represents character strings in XML.</p>																																																																																																																									
Type	restriction of xsd:string																																																																																																																									
Facets	<table> <tr><td>enumeration</td><td>AD</td><td>ANDORRA</td></tr> <tr><td>enumeration</td><td>AE</td><td>UNITED ARAB EMIRATES</td></tr> <tr><td>enumeration</td><td>AF</td><td>AFGHANISTAN</td></tr> <tr><td>enumeration</td><td>AG</td><td>ANTIGUA AND BARBUDA</td></tr> <tr><td>enumeration</td><td>AI</td><td>ANGUILLA</td></tr> <tr><td>enumeration</td><td>AL</td><td>ALBANIA</td></tr> <tr><td>enumeration</td><td>AM</td><td>ARMENIA</td></tr> <tr><td>enumeration</td><td>AN</td><td>NETHERLANDS ANTILLES</td></tr> <tr><td>enumeration</td><td>AO</td><td>ANGOLA</td></tr> <tr><td>enumeration</td><td>AQ</td><td>ANTARCTICA</td></tr> <tr><td>enumeration</td><td>AR</td><td>ARGENTINA</td></tr> <tr><td>enumeration</td><td>AS</td><td>AMERICAN SAMOA</td></tr> <tr><td>enumeration</td><td>AT</td><td>AUSTRIA</td></tr> <tr><td>enumeration</td><td>AU</td><td>AUSTRALIA</td></tr> <tr><td>enumeration</td><td>AW</td><td>ARUBA</td></tr> <tr><td>enumeration</td><td>AX</td><td>ÅLAND ISLANDS</td></tr> <tr><td>enumeration</td><td>AZ</td><td>AZERBAIJAN</td></tr> <tr><td>enumeration</td><td>BA</td><td>BOSNIA AND HERZEGOVINA</td></tr> <tr><td>enumeration</td><td>BB</td><td>BARBADOS</td></tr> <tr><td>enumeration</td><td>BD</td><td>BANGLADESH</td></tr> <tr><td>enumeration</td><td>BE</td><td>BELGIUM</td></tr> <tr><td>enumeration</td><td>BF</td><td>BURKINA FASO</td></tr> <tr><td>enumeration</td><td>BG</td><td>BULGARIA</td></tr> <tr><td>enumeration</td><td>BH</td><td>BAHRAIN</td></tr> <tr><td>enumeration</td><td>BI</td><td>BURUNDI</td></tr> <tr><td>enumeration</td><td>BJ</td><td>BENIN</td></tr> <tr><td>enumeration</td><td>BL</td><td>SAINT BARTHÉLEMY</td></tr> <tr><td>enumeration</td><td>BM</td><td>BERMUDA</td></tr> <tr><td>enumeration</td><td>BN</td><td>BRUNEI DARUSSALAM</td></tr> <tr><td>enumeration</td><td>BO</td><td>BOLIVIA</td></tr> <tr><td>enumeration</td><td>BR</td><td>BRAZIL</td></tr> <tr><td>enumeration</td><td>BS</td><td>BAHAMAS</td></tr> <tr><td>enumeration</td><td>BT</td><td>BHUTAN</td></tr> <tr><td>enumeration</td><td>BV</td><td>BOUVET ISLAND</td></tr> <tr><td>enumeration</td><td>BW</td><td>BOTSWANA</td></tr> <tr><td>enumeration</td><td>BY</td><td>BELARUS</td></tr> <tr><td>enumeration</td><td>BZ</td><td>BELIZE</td></tr> <tr><td>enumeration</td><td>CA</td><td>CANADA</td></tr> <tr><td>enumeration</td><td>CC</td><td>COCOS (KEELING) ISLANDS</td></tr> <tr><td>enumeration</td><td>CD</td><td>CONGO, THE DEMOCRATIC REPUBLIC OF THE</td></tr> </table>		enumeration	AD	ANDORRA	enumeration	AE	UNITED ARAB EMIRATES	enumeration	AF	AFGHANISTAN	enumeration	AG	ANTIGUA AND BARBUDA	enumeration	AI	ANGUILLA	enumeration	AL	ALBANIA	enumeration	AM	ARMENIA	enumeration	AN	NETHERLANDS ANTILLES	enumeration	AO	ANGOLA	enumeration	AQ	ANTARCTICA	enumeration	AR	ARGENTINA	enumeration	AS	AMERICAN SAMOA	enumeration	AT	AUSTRIA	enumeration	AU	AUSTRALIA	enumeration	AW	ARUBA	enumeration	AX	ÅLAND ISLANDS	enumeration	AZ	AZERBAIJAN	enumeration	BA	BOSNIA AND HERZEGOVINA	enumeration	BB	BARBADOS	enumeration	BD	BANGLADESH	enumeration	BE	BELGIUM	enumeration	BF	BURKINA FASO	enumeration	BG	BULGARIA	enumeration	BH	BAHRAIN	enumeration	BI	BURUNDI	enumeration	BJ	BENIN	enumeration	BL	SAINT BARTHÉLEMY	enumeration	BM	BERMUDA	enumeration	BN	BRUNEI DARUSSALAM	enumeration	BO	BOLIVIA	enumeration	BR	BRAZIL	enumeration	BS	BAHAMAS	enumeration	BT	BHUTAN	enumeration	BV	BOUVET ISLAND	enumeration	BW	BOTSWANA	enumeration	BY	BELARUS	enumeration	BZ	BELIZE	enumeration	CA	CANADA	enumeration	CC	COCOS (KEELING) ISLANDS	enumeration	CD	CONGO, THE DEMOCRATIC REPUBLIC OF THE
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enumeration	CI	COTE D'IVOIRE
enumeration	CK	COOK ISLANDS
enumeration	CL	CHILE
enumeration	CM	CAMEROON
enumeration	CN	CHINA
enumeration	CO	COLOMBIA
enumeration	CR	COSTA RICA
enumeration	CU	CUBA
enumeration	CV	CAPE VERDE
enumeration	CX	CHRISTMAS ISLAND
enumeration	CY	CYPRUS
enumeration	CZ	CZECH REPUBLIC
enumeration	DE	GERMANY
enumeration	DJ	DJIBOUTI
enumeration	DK	DENMARK
enumeration	DM	DOMINICA
enumeration	DO	DOMINICAN REPUBLIC
enumeration	DZ	ALGERIA
enumeration	EC	ECUADOR
enumeration	EE	ESTONIA
enumeration	EG	EGYPT
enumeration	EH	WESTERN SAHARA
enumeration	ER	ERITREA
enumeration	ES	SPAIN
enumeration	ET	ETHIOPIA
enumeration	FI	FINLAND
enumeration	FJ	FIJI
enumeration	FK	FALKLAND ISLANDS (MALVINAS)
enumeration	FM	MICRONESIA, FEDERATED STATES OF
enumeration	FO	FAROE ISLANDS
enumeration	FR	FRANCE
enumeration	GA	GABON
enumeration	GB	UNITED KINGDOM
enumeration	GD	GRENADA
enumeration	GE	GEORGIA
enumeration	GF	FRENCH GUIANA
enumeration	GG	GUERNSEY
enumeration	GH	GHANA
enumeration	GI	GIBRALTAR
enumeration	GL	GREENLAND
enumeration	GM	GAMBIA
enumeration	GN	GUINEA
enumeration	GP	GUADELOUPE
enumeration	GQ	EQUATORIAL GUINEA
enumeration	GR	GREECE
enumeration	GS	SOUTH GEORGIA AND THE SOUTH SANDWICH ISLANDS

enumeration	GT	GUATEMALA
enumeration	GU	GUAM
enumeration	GW	GUINEA-BISSAU
enumeration	GY	GUYANA
enumeration	HK	HONG KONG
enumeration	HM	HEARD ISLAND AND MCDONALD ISLANDS
enumeration	HN	HONDURAS
enumeration	HR	CROATIA
enumeration	HT	HAITI
enumeration	HU	HUNGARY
enumeration	ID	INDONESIA
enumeration	IE	IRELAND
enumeration	IL	ISRAEL
enumeration	IM	ISLE OF MAN
enumeration	IN	INDIA
enumeration	IO	BRITISH INDIAN OCEAN TERRITORY
enumeration	IQ	IRAQ
enumeration	IR	IRAN, ISLAMIC REPUBLIC OF
enumeration	IS	ICELAND
enumeration	IT	ITALY
enumeration	JE	JERSEY
enumeration	JM	JAMAICA
enumeration	JO	JORDAN
enumeration	JP	JAPAN
enumeration	KE	KENYA
enumeration	KG	KYRGYZSTAN
enumeration	KH	CAMBODIA
enumeration	KI	KIRIBATI
enumeration	KM	COMOROS
enumeration	KN	SAINT KITTS AND NEVIS
enumeration	KP	KOREA, DEMOCRATIC PEOPLE'S REPUBLIC OF
enumeration	KR	KOREA, REPUBLIC OF
enumeration	KW	KUWAIT
enumeration	KY	CAYMAN ISLANDS
enumeration	KZ	KAZAKHSTAN
enumeration	LA	LAO PEOPLE'S DEMOCRATIC REPUBLIC
enumeration	LB	LEBANON
enumeration	LC	SAINT LUCIA
enumeration	LI	LIECHTENSTEIN
enumeration	LK	SRI LANKA
enumeration	LR	LIBERIA
enumeration	LS	LESOTHO
enumeration	LT	LITHUANIA
enumeration	LU	LUXEMBOURG
enumeration	LV	LATVIA
enumeration	LY	LIBYAN ARAB JAMAHIRIYA
enumeration	MA	MOROCCO
enumeration	MC	MONACO
enumeration	MD	MOLDOVA, REPUBLIC OF

enumeration	ME	MONTENEGRO
enumeration	MF	SAINT MARTIN (FRENCH PART)
enumeration	MG	MADAGASCAR
enumeration	MH	MARSHALL ISLANDS
enumeration	MK	MACEDONIA, THE FORMER YUGOSLAV REPUBLIC OF
enumeration	ML	MALI
enumeration	MM	MYANMAR
enumeration	MN	MONGOLIA
enumeration	MO	MACAO
enumeration	MP	NORTHERN MARIANA ISLANDS
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enumeration	MR	MAURITANIA
enumeration	MS	MONTSERRAT
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enumeration	MW	MALAWI
enumeration	MX	MEXICO
enumeration	MY	MALAYSIA
enumeration	MZ	MOZAMBIQUE
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enumeration	NU	NIUE
enumeration	NZ	NEW ZEALAND
enumeration	OM	OMAN
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enumeration	PE	PERU
enumeration	PF	FRENCH POLYNESIA
enumeration	PG	PAPUA NEW GUINEA
enumeration	PH	PHILIPPINES
enumeration	PK	PAKISTAN
enumeration	PL	POLAND
enumeration	PM	SAINT PIERRE AND MIQUELON
enumeration	PN	PITCAIRN
enumeration	PR	PUERTO RICO
enumeration	PS	PALESTINIAN TERRITORY, OCCUPIED
enumeration	PT	PORTUGAL
enumeration	PW	PALAU
enumeration	PY	PARAGUAY
enumeration	QA	QATAR
enumeration	RE	REUNION

enumeration	RO	ROMANIA
enumeration	RS	SERBIA
enumeration	RU	RUSSIAN FEDERATION
enumeration	RW	RWANDA
enumeration	SA	SAUDI ARABIA
enumeration	SB	SOLOMON ISLANDS
enumeration	SC	SEYCHELLES
enumeration	SD	SUDAN
enumeration	SE	SWEDEN
enumeration	SG	SINGAPORE
enumeration	SH	SAINT HELENA
enumeration	SI	SLOVENIA
enumeration	SJ	SVALBARD AND JAN MAYEN
enumeration	SK	SLOVAKIA
enumeration	SL	SIERRA LEONE
enumeration	SM	SAN MARINO
enumeration	SN	SENEGAL
enumeration	SO	SOMALIA
enumeration	SR	SURINAME
enumeration	ST	SAO TOME AND PRINCIPE
enumeration	SV	EL SALVADOR
enumeration	SY	SYRIAN ARAB REPUBLIC
enumeration	SZ	SWAZILAND
enumeration	TC	TURKS AND CAICOS ISLANDS
enumeration	TD	CHAD
enumeration	TF	FRENCH SOUTHERN TERRITORIES
enumeration	TG	TOGO
enumeration	TH	THAILAND
enumeration	TJ	TAJIKISTAN
enumeration	TK	TOKELAU
enumeration	TL	TIMOR-LESTE
enumeration	TM	TURKMENISTAN
enumeration	TN	TUNISIA
enumeration	TO	TONGA
enumeration	TR	TURKEY
enumeration	TT	TRINIDAD AND TOBAGO
enumeration	TV	TUVALU
enumeration	TW	TAIWAN, PROVINCE OF CHINA
enumeration	TZ	TANZANIA, UNITED REPUBLIC OF
enumeration	UA	UKRAINE
enumeration	UG	UGANDA
enumeration	UM	UNITED STATES MINOR OUTLYING ISLANDS
enumeration	US	UNITED STATES
enumeration	UY	URUGUAY
enumeration	UZ	UZBEKISTAN
enumeration	VA	HOLY SEE (VATICAN CITY STATE)
enumeration	VC	SAINT VINCENT AND THE GRENADINES
enumeration	VE	VENEZUELA, PLURINATIONAL STATE OF
enumeration	VG	VIRGIN ISLANDS, BRITISH

	enumeration	VI	VIRGIN ISLANDS, U.S.
	enumeration	VN	VIET NAM
	enumeration	VU	VANUATU
	enumeration	WF	WALLIS AND FUTUNA
	enumeration	WS	SAMOA
	enumeration	WW	WORLD WIDE
	enumeration	YE	YEMEN
	enumeration	YT	MAYOTTE
	enumeration	ZA	SOUTH AFRICA
	enumeration	ZM	ZAMBIA
	enumeration	ZW	ZIMBABWE
Used by	Element	information/origin_country	
Source	<pre> &lt;xsd:simpleType name="countryCode"&gt;   &lt;xsd:annotation&gt;     &lt;xsd:documentation xml:lang="en"&gt;This element includes a list of ISO 3166-1 country codes.&lt;/xsd:documentation&gt;   &lt;/xsd:annotation&gt;   &lt;xsd:restriction base="xsd:string"&gt;     &lt;xsd:enumeration value="AD"&gt;       &lt;xsd:annotation&gt;         &lt;xsd:documentation&gt;ANDORRA&lt;/xsd:documentation&gt;       &lt;/xsd:annotation&gt;     &lt;/xsd:enumeration&gt;     &lt;xsd:enumeration value="AE"&gt;       &lt;xsd:annotation&gt;         &lt;xsd:documentation&gt;UNITED ARAB EMIRATES&lt;/xsd:documentation&gt;       &lt;/xsd:annotation&gt;     &lt;/xsd:enumeration&gt;     &lt;xsd:enumeration value="AF"&gt;       &lt;xsd:annotation&gt;         &lt;xsd:documentation&gt;AFGHANISTAN&lt;/xsd:documentation&gt;       &lt;/xsd:annotation&gt;     &lt;/xsd:enumeration&gt;     &lt;xsd:enumeration value="AG"&gt;       &lt;xsd:annotation&gt;         &lt;xsd:documentation&gt;ANTIGUA AND BARBUDA&lt;/xsd:documentation&gt;       &lt;/xsd:annotation&gt;     &lt;/xsd:enumeration&gt;     &lt;xsd:enumeration value="AI"&gt;       &lt;xsd:annotation&gt;         &lt;xsd:documentation&gt;ANGUILLA&lt;/xsd:documentation&gt;       &lt;/xsd:annotation&gt;     &lt;/xsd:enumeration&gt;     &lt;xsd:enumeration value="AL"&gt;       &lt;xsd:annotation&gt;         &lt;xsd:documentation&gt;ALBANIA&lt;/xsd:documentation&gt;       &lt;/xsd:annotation&gt;     &lt;/xsd:enumeration&gt;     &lt;xsd:enumeration value="AM"&gt;       &lt;xsd:annotation&gt;         &lt;xsd:documentation&gt;ARMENIA&lt;/xsd:documentation&gt;       &lt;/xsd:annotation&gt;     &lt;/xsd:enumeration&gt;     &lt;xsd:enumeration value="AN"&gt;       &lt;xsd:annotation&gt;         &lt;xsd:documentation&gt;NETHERLANDS ANTILLES&lt;/xsd:documentation&gt;       &lt;/xsd:annotation&gt;     &lt;/xsd:enumeration&gt;     &lt;xsd:enumeration value="AO"&gt;       &lt;xsd:annotation&gt;         &lt;xsd:documentation&gt;ANGOLA&lt;/xsd:documentation&gt;       &lt;/xsd:annotation&gt;     &lt;/xsd:enumeration&gt;     &lt;xsd:enumeration value="AQ"&gt;       &lt;xsd:annotation&gt;         &lt;xsd:documentation&gt;ANTARCTICA&lt;/xsd:documentation&gt;       &lt;/xsd:annotation&gt;     &lt;/xsd:enumeration&gt;     &lt;xsd:enumeration value="AR"&gt;       &lt;xsd:annotation&gt;         &lt;xsd:documentation&gt;ARGENTINA&lt;/xsd:documentation&gt;       &lt;/xsd:annotation&gt;     &lt;/xsd:enumeration&gt;   &lt;/xsd:restriction&gt; &lt;/xsd:simpleType&gt;</pre>		

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  </xsd:annotation>
</xsd:enumeration>
<xsd:enumeration value="AT">
  <xsd:annotation>
    <xsd:documentation>AUSTRIA</xsd:documentation>
  </xsd:annotation>
</xsd:enumeration>
<xsd:enumeration value="AU">
  <xsd:annotation>
    <xsd:documentation>AUSTRALIA</xsd:documentation>
  </xsd:annotation>
</xsd:enumeration>
<xsd:enumeration value="AW">
  <xsd:annotation>
    <xsd:documentation>ARUBA</xsd:documentation>
  </xsd:annotation>
</xsd:enumeration>
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  <xsd:annotation>
    <xsd:documentation>ÅLAND ISLANDS</xsd:documentation>
  </xsd:annotation>
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    <xsd:documentation>AZERBAIJAN</xsd:documentation>
  </xsd:annotation>
</xsd:enumeration>
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  <xsd:annotation>
    <xsd:documentation>BOSNIA AND HERZEGOVINA</xsd:documentation>
  </xsd:annotation>
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  </xsd:annotation>
</xsd:enumeration>
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    <xsd:documentation>BULGARIA</xsd:documentation>
  </xsd:annotation>
</xsd:enumeration>
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  <xsd:annotation>
    <xsd:documentation>BAHRAIN</xsd:documentation>
  </xsd:annotation>
</xsd:enumeration>
<xsd:enumeration value="BI">
  <xsd:annotation>
    <xsd:documentation>BURUNDI</xsd:documentation>
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## Namespace: "http://fnppl.org/opensdx/genres"

### Schema(s)

#### Imported schema openSDX\_genres.xsd

Namespace	http://fnppl.org/opensdx/genres
Properties	attribute form default: unqualified element form default: unqualified

### Simple Type(s)

#### Simple Type genre

Namespace	http://fnppl.org/opensdx/genres																																						
Annotations	This element includes a list of openSDX-genres.																																						
Diagram	<p>This element includes a list of openSDX-genres.</p> <p>Built-in primitive type. The string datatype represents character strings in XML.</p>																																						
Type	restriction of xsd:string																																						
Facets	<table border="1"> <tr> <td>enumeration</td> <td>Rock</td> </tr> <tr> <td>enumeration</td> <td>Beat</td> </tr> <tr> <td>enumeration</td> <td>Blues Rock</td> </tr> <tr> <td>enumeration</td> <td>Rock "n" Roll</td> </tr> <tr> <td>enumeration</td> <td>Art Rock</td> </tr> <tr> <td>enumeration</td> <td>Classic Rock</td> </tr> <tr> <td>enumeration</td> <td>Deutschrock</td> </tr> <tr> <td>enumeration</td> <td>Emo</td> </tr> <tr> <td>enumeration</td> <td>Experimental Rock</td> </tr> <tr> <td>enumeration</td> <td>Glam Rock</td> </tr> <tr> <td>enumeration</td> <td>Hard Rock</td> </tr> <tr> <td>enumeration</td> <td>Krautrock</td> </tr> <tr> <td>enumeration</td> <td>Progressive Rock</td> </tr> <tr> <td>enumeration</td> <td>Psychedelic Rock</td> </tr> <tr> <td>enumeration</td> <td>Psychobilly Rock</td> </tr> <tr> <td>enumeration</td> <td>Rockabilly</td> </tr> <tr> <td>enumeration</td> <td>Soft Rock</td> </tr> <tr> <td>enumeration</td> <td>Southern Rock</td> </tr> <tr> <td>enumeration</td> <td>Surf Rock</td> </tr> </table>	enumeration	Rock	enumeration	Beat	enumeration	Blues Rock	enumeration	Rock "n" Roll	enumeration	Art Rock	enumeration	Classic Rock	enumeration	Deutschrock	enumeration	Emo	enumeration	Experimental Rock	enumeration	Glam Rock	enumeration	Hard Rock	enumeration	Krautrock	enumeration	Progressive Rock	enumeration	Psychedelic Rock	enumeration	Psychobilly Rock	enumeration	Rockabilly	enumeration	Soft Rock	enumeration	Southern Rock	enumeration	Surf Rock
enumeration	Rock																																						
enumeration	Beat																																						
enumeration	Blues Rock																																						
enumeration	Rock "n" Roll																																						
enumeration	Art Rock																																						
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enumeration	Experimental Rock																																						
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enumeration	Psychobilly Rock																																						
enumeration	Rockabilly																																						
enumeration	Soft Rock																																						
enumeration	Southern Rock																																						
enumeration	Surf Rock																																						

enumeration	Alternative
enumeration	Crossover
enumeration	Dark Wave
enumeration	Garage Rock
enumeration	Goth / Industrial
enumeration	Grunge
enumeration	Hardcore
enumeration	Indie Rock
enumeration	New Wave
enumeration	Punk
enumeration	Funpunk
enumeration	Black Metal
enumeration	Death Metal
enumeration	Heavy Metal
enumeration	Power Metal
enumeration	Thrash / Speed Metal
enumeration	Doom Metal
enumeration	Grind Core
enumeration	Pop
enumeration	Britpop
enumeration	Dance Pop
enumeration	Deutschpop
enumeration	Disco
enumeration	Easy Listening
enumeration	Electropop
enumeration	Euro Dance
enumeration	Euro Pop
enumeration	French Pop
enumeration	Indie Pop
enumeration	Italo Pop
enumeration	J-Pop
enumeration	K-Pop
enumeration	Neue Deutsche Welle
enumeration	New Age
enumeration	Pop Rock
enumeration	Power Pop
enumeration	Schlager
enumeration	Singer / Songwriter
enumeration	Synthpop
enumeration	Teen Pop
enumeration	Country
enumeration	Alternative Country
enumeration	Bluegrass
enumeration	Contemporary Folk
enumeration	Country Gospel
enumeration	Honky-Tonk
enumeration	Jewish / Yiddish Music
enumeration	Nashville Sound

enumeration	Outlaw / Progressive Country
enumeration	Texas Country
enumeration	Traditional Country
enumeration	Western Swing
enumeration	Folk
enumeration	Americana
enumeration	Folk Rock
enumeration	Irish Folk
enumeration	German Folk
enumeration	Jazz
enumeration	Acid Jazz
enumeration	Avantgarde
enumeration	Bebop
enumeration	Big Band
enumeration	Classic Jazz
enumeration	Cool Jazz
enumeration	Dixieland music
enumeration	Free jazz
enumeration	Hard Bop
enumeration	Jazz Fusion
enumeration	New Orleans Jazz
enumeration	Nu-Jazz
enumeration	Smooth Jazz
enumeration	Swing
enumeration	Vocal Jazz
enumeration	Hip Hop
enumeration	Alternative Hip Hop
enumeration	Crunk
enumeration	Dirty South
enumeration	G-Funk
enumeration	Gangsta Rap
enumeration	Golden Era
enumeration	Grime
enumeration	Hyphy
enumeration	Instrumental Hip Hop
enumeration	Miami Bass
enumeration	New School
enumeration	Old School
enumeration	Turntablism
enumeration	US Eastcoast
enumeration	US Midwest
enumeration	US Southern
enumeration	US Westcoast
enumeration	Blues
enumeration	Boogie-Woogie
enumeration	Electric Blues Guitar
enumeration	Modern Blues
enumeration	Regional Blues

enumeration	Traditional Blues
enumeration	Soul
enumeration	Motown Sound
enumeration	Neo Soul
enumeration	Philly Sound
enumeration	Funk
enumeration	R&B
enumeration	Contemporary R&B
enumeration	Doo-wop
enumeration	Electronic
enumeration	Ambient
enumeration	Chill Out
enumeration	Lounge
enumeration	Downbeat
enumeration	Electronica
enumeration	Indie Disco
enumeration	Industrial / EBM
enumeration	Techno
enumeration	Dance
enumeration	Electro
enumeration	Glitch hop
enumeration	House
enumeration	Acid House
enumeration	Deep House
enumeration	Disco House
enumeration	Electro House
enumeration	Fidget House
enumeration	Hard House
enumeration	Progressive House
enumeration	Soulful House
enumeration	Tech House
enumeration	Tribal
enumeration	Vocal House
enumeration	Big Beat
enumeration	Breakbeat
enumeration	Drum "n" Bass
enumeration	Dubstep
enumeration	Garage / UK Funky
enumeration	IDM
enumeration	Trip-Hop
enumeration	Trance
enumeration	Goa Trance
enumeration	Hard Trance
enumeration	Psychedelic Trance
enumeration	Gabba
enumeration	Jumpstyle / Hardstyle
enumeration	Classic
enumeration	12-Tone Composition
enumeration	Baroque

enumeration	Chamber Music
enumeration	Crossover / Popular Classicism
enumeration	Electronic Music / Computer Music
enumeration	Minimal Music
enumeration	Modern, 20th / 21st Century
enumeration	Music and other Media / Arts
enumeration	Music and Word
enumeration	Neo-Romanticism
enumeration	Neoclassicism
enumeration	New Music / Contemporary Music
enumeration	Postmodern Music
enumeration	Renaissance
enumeration	Romantic
enumeration	Serialism
enumeration	Anthem
enumeration	Ballet
enumeration	Cantata
enumeration	Choral
enumeration	Madrigal
enumeration	March
enumeration	Motet
enumeration	Musical
enumeration	Opera Arias
enumeration	Opera Baroque
enumeration	Opera Classical
enumeration	Opera Renaissance
enumeration	Opera Romantic
enumeration	Operetta
enumeration	Oratorio
enumeration	Passion
enumeration	Requiem
enumeration	Sonata
enumeration	Suite
enumeration	Symphonic Music / Orchestral Music
enumeration	Symphony
enumeration	Waltz
enumeration	Brass Ensemble
enumeration	Concerto / Solo Instrument with Orchestra
enumeration	Mixed Ensemble (Strings / Wind)
enumeration	Mixed Wind Ensemble (Woodwind / Brass)
enumeration	Several Solo Instruments
enumeration	Solo Instrument

enumeration	String Ensemble
enumeration	String Orchestra
enumeration	String Quartet
enumeration	String Trio
enumeration	Woodwind Ensemble
enumeration	A cappella
enumeration	Vocal Ensemble
enumeration	Vocal Music
enumeration	Choir
enumeration	Boy's Choir
enumeration	Children's Choir
enumeration	Choir with Orchestra
enumeration	Women's Choir
enumeration	Men's Choir
enumeration	Mixed Choir
enumeration	Soprano
enumeration	Mezzosoprano
enumeration	Alto
enumeration	Tenor
enumeration	Baritone
enumeration	Basso
enumeration	Accordion
enumeration	Ancient Instruments
enumeration	Bassoon
enumeration	Cembalo
enumeration	Clarinet
enumeration	Double Bass
enumeration	Flute
enumeration	Guitar
enumeration	Harp
enumeration	Harpsichord
enumeration	Horn
enumeration	Lute
enumeration	Mandolin
enumeration	Oboe
enumeration	Organ
enumeration	Percussion (Vibraphone etc.)
enumeration	Piano
enumeration	Recorder / English Flute
enumeration	Saxophone
enumeration	Trombone
enumeration	Trumpet
enumeration	Tuba
enumeration	Viola
enumeration	Violin
enumeration	Violoncello
enumeration	Miscellaneous Lead Instrument

enumeration	Reggae
enumeration	Contemporary Reggae
enumeration	Dancehall
enumeration	Dub
enumeration	Lover's Rock
enumeration	Reggaeton
enumeration	Roots
enumeration	Ska
enumeration	World
enumeration	African Music
enumeration	Afro Beat
enumeration	Afro Pop
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enumeration	Astropop
enumeration	Calypso
enumeration	Caribbean Music
enumeration	Celtic Music
enumeration	Chanson
enumeration	Coupé Decalé
enumeration	European Music
enumeration	Ghazal
enumeration	Griot
enumeration	Gypsy
enumeration	Highlife
enumeration	Judaica Music / Yiddish / Klezmer
enumeration	Kuduro
enumeration	Kwaito
enumeration	Makossa
enumeration	Marching Band
enumeration	Mento
enumeration	Middle Eastern Music
enumeration	Nordic / Scandinavia
enumeration	North American Music
enumeration	South American Music
enumeration	Parang
enumeration	Polka
enumeration	Rai
enumeration	Soca
enumeration	Soukous
enumeration	Zouk
enumeration	Zulu
enumeration	Latin
enumeration	Bachata
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enumeration	Bhangra
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enumeration	Bossa Nova
enumeration	Corridos

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enumeration	Flamenco
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enumeration	Ranchero
enumeration	Rock En Espanol
enumeration	Salsa
enumeration	Samba
enumeration	Son Cubana
enumeration	Sonidero
enumeration	Tango
enumeration	Tejano
enumeration	Religious
enumeration	Christian Rock
enumeration	Christian Hip Hop
enumeration	Christian Pop
enumeration	Chants
enumeration	Gospel
enumeration	Gregorian Music
enumeration	Hymn
enumeration	Mass
enumeration	Spiritual
enumeration	Worship
enumeration	Miscellaneous
enumeration	Anime / Video Game Soundtracks
enumeration	Bollywood
enumeration	Instrumental
enumeration	Vocal
enumeration	Acoustic
enumeration	Unplugged
enumeration	Live
enumeration	Traditional
enumeration	Karaoke
enumeration	Movie Scores
enumeration	Movie Soundtracks
enumeration	Sound Effects
enumeration	Soundtrack
enumeration	TV Soundtrack
enumeration	Wedding Music
enumeration	Holiday
enumeration	Mashup
enumeration	unclassifiable
enumeration	Word
enumeration	Business & Career

enumeration	Abstracts & Dossiers
enumeration	Accounting
enumeration	Business & Investing
enumeration	Communication
enumeration	Computers & Internet
enumeration	Economics
enumeration	Finance
enumeration	Management & Leadership
enumeration	Marketing & Sales
enumeration	Politics
enumeration	Self-Help
enumeration	Self-Organization
enumeration	Skills
enumeration	Small Business & Entrepeneurship
enumeration	Children's Audiobooks
enumeration	Popular Characters
enumeration	Animal Stories
enumeration	Children's Book Classics
enumeration	Detective Stories
enumeration	Fairy Tales
enumeration	Fantasy & Spook
enumeration	Knowledge for Children
enumeration	Pirates, Knights & Historical
enumeration	Poems & Song
enumeration	Comedy & Humour
enumeration	Comedy & Cabaret
enumeration	Humoristic Novel
enumeration	Crime
enumeration	Detective Stories
enumeration	Detective Stories „Noir“
enumeration	Classic Detective Stories
enumeration	Scandinavian Detective Stories
enumeration	Temporary Detective Stories
enumeration	Education & Knowledge
enumeration	Art & Culture
enumeration	Biography & Memento
enumeration	Foreign Language
enumeration	History
enumeration	Philosophy
enumeration	Politics & Current Affairs
enumeration	Science & Technology
enumeration	Health, Mind & Body
enumeration	Autogenous Training

enumeration	Creativity
enumeration	Esoteric
enumeration	Fitness
enumeration	Health
enumeration	Lifestyle
enumeration	Love & Erotic
enumeration	Meditation / Yoga
enumeration	Memory Training
enumeration	Mental Training
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enumeration	Spirituality & Religion
enumeration	Sports
enumeration	Wellness & Beauty
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enumeration	Fantasy-Romance
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enumeration	Horror Classics
enumeration	Medieval Times & Early Modern Era
enumeration	Thriller
enumeration	Mystery & Conspiracy
enumeration	Psychological Thriller
enumeration	Espionage, Politics & Justice
enumeration	Vatican & Secret Societies
enumeration	Science & Medicine
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enumeration	Entertainment
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enumeration	Detective Stories
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enumeration	For Girls
enumeration	Knowledge for Teenagers
enumeration	Mystery
enumeration	Pirates, Knights & Historical
enumeration	Youth Classics

enumeration	Youth Today
enumeration	Language
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enumeration	Arabic
enumeration	Bengali
enumeration	Bosnian
enumeration	Bulgarian
enumeration	Cantonese / Yue
enumeration	Croatian
enumeration	Czech
enumeration	Danish
enumeration	Dutch
enumeration	English
enumeration	Finnish
enumeration	French
enumeration	German
enumeration	Greek
enumeration	Hebrew
enumeration	Hindi / Urdu
enumeration	Hungarian
enumeration	Italian
enumeration	Japanese
enumeration	Korean
enumeration	Macedonian
enumeration	Mandarin
enumeration	Norwegian
enumeration	Patois
enumeration	Portuguese
enumeration	Russian
enumeration	Serbian
enumeration	Spanish
enumeration	Swedish
enumeration	Tamil
enumeration	Turkish
enumeration	Vietnamese
enumeration	Afrikaans
enumeration	Film
enumeration	Action
enumeration	3D
enumeration	Adventure
enumeration	Animation
enumeration	Author's Film
enumeration	Biography
enumeration	Cartoon
enumeration	Children
enumeration	Comedy
enumeration	Crime & Gangster
enumeration	Disaster
enumeration	Documentary

enumeration	Drama
enumeration	Epic / Historical
enumeration	Erotic
enumeration	Expressionism
enumeration	Family
enumeration	Fantasy
enumeration	Film-Noir
enumeration	GLBT
enumeration	Horror
enumeration	Independent Film
enumeration	Martial-Arts / Eastern
enumeration	Monumental
enumeration	Musical / Dance
enumeration	Music
enumeration	Mystery
enumeration	Reality-TV
enumeration	Romantic
enumeration	Science Fiction
enumeration	Silent Movie
enumeration	Sport
enumeration	Thriller
enumeration	TV-Series
enumeration	Tragicomedy
enumeration	War / Anti-War
enumeration	Western
enumeration	Youth
enumeration	Time
enumeration	Middle Ages
enumeration	20"s
enumeration	30"s
enumeration	40"s
enumeration	50"s
enumeration	60"s
enumeration	70"
enumeration	80"s
enumeration	90"s
enumeration	2000"s
enumeration	2010"s
enumeration	2020"s
enumeration	Adult
enumeration	Children
enumeration	Age: up to 6 years
enumeration	Age: 6 years +
enumeration	Age: 8 years +
enumeration	Kids & Family
enumeration	Country
enumeration	United Arab Emirates (AE)
enumeration	Afghanistan (AF)

enumeration	Antigua and Barbuda (AG)
enumeration	Anguilla (AI)
enumeration	Albania (AL)
enumeration	Armenia (AM)
enumeration	Angola (AO)
enumeration	Antarctica (AQ)
enumeration	Argentina (AR)
enumeration	American Samoa (AS)
enumeration	Austria (AT)
enumeration	Australia (AU)
enumeration	Aruba (AW)
enumeration	Åland Islands (AX)
enumeration	Azerbaijan (AZ)
enumeration	Bosnia and Herzegovina (BA)
enumeration	Barbados (BB)
enumeration	Bangladesh (BD)
enumeration	Belgium (BE)
enumeration	Burkina Faso (BF)
enumeration	Bulgaria (BG)
enumeration	Bahrain (BH)
enumeration	Burundi (BI)
enumeration	Benin (BJ)
enumeration	Saint Barthélemy (BL)
enumeration	Bermuda (BM)
enumeration	Brunei Darussalam (BN)
enumeration	Bolivia Plurinational State of (BO)
enumeration	Bonaire Saint Eustatius and Saba (BQ)
enumeration	Brazil (BR)
enumeration	Bahamas (BS)
enumeration	Bhutan (BT)
enumeration	Bouvet Island (BV)
enumeration	Botswana (BW)
enumeration	Belarus (BY)
enumeration	Belize (BZ)
enumeration	Canada (CA)
enumeration	Cocos (Keeling) Islands (CC)
enumeration	Congo the Democratic Republic of the (CD)
enumeration	Central African Republic (CF)
enumeration	Congo (CG)
enumeration	Switzerland (CH)
enumeration	Côte d'Ivoire (CI)
enumeration	Cook Islands (CK)
enumeration	Chile (CL)
enumeration	Cameroon (CM)

enumeration	China (CN)
enumeration	Colombia (CO)
enumeration	Costa Rica (CR)
enumeration	Cuba (CU)
enumeration	Cape Verde (CV)
enumeration	Curaçao (CW)
enumeration	Christmas Island (CX)
enumeration	Cyprus (CY)
enumeration	Czech Republic (CZ)
enumeration	Germany (DE)
enumeration	Djibouti (DJ)
enumeration	Denmark (DK)
enumeration	Dominica (DM)
enumeration	Dominican Republic (DO)
enumeration	Algeria (DZ)
enumeration	Ecuador (EC)
enumeration	Estonia (EE)
enumeration	Egypt (EG)
enumeration	Western Sahara (EH)
enumeration	Eritrea (ER)
enumeration	Spain (ES)
enumeration	Ethiopia (ET)
enumeration	Finland (FI)
enumeration	Fiji (FJ)
enumeration	Falkland Islands (Malvinas) (FK)
enumeration	Micronesia Federated States of (FM)
enumeration	Faroe Islands (FO)
enumeration	France (FR)
enumeration	Gabon (GA)
enumeration	United Kingdom (GB)
enumeration	Grenada (GD)
enumeration	Georgia (GE)
enumeration	French Guiana (GF)
enumeration	Guernsey (GG)
enumeration	Ghana (GH)
enumeration	Gibraltar (GI)
enumeration	Greenland (GL)
enumeration	Gambia (GM)
enumeration	Guinea (GN)
enumeration	Guadeloupe (GP)
enumeration	Equatorial Guinea (GQ)
enumeration	Greece (GR)
enumeration	South Georgia and the South Sandwich Islands (GS)
enumeration	Guatemala (GT)
enumeration	Guam (GU)
enumeration	Guinea-Bissau (GW)

enumeration	Guyana (GY)
enumeration	Hong Kong (HK)
enumeration	Heard Island and McDonald Islands (HM)
enumeration	Honduras (HN)
enumeration	Croatia (HR)
enumeration	Haiti (HT)
enumeration	Hungary (HU)
enumeration	Indonesia (ID)
enumeration	Ireland (IE)
enumeration	Israel (IL)
enumeration	Isle of Man (IM)
enumeration	India (IN)
enumeration	British Indian Ocean Territory (IO)
enumeration	Iraq (IQ)
enumeration	Iran Islamic Republic of (IR)
enumeration	Iceland (IS)
enumeration	Italy (IT)
enumeration	Jersey (JE)
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enumeration	Cambodia (KH)
enumeration	Kiribati (KI)
enumeration	Comoros (KM)
enumeration	Saint Kitts and Nevis (KN)
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enumeration	Korea Republic of (KR)
enumeration	Kuwait (KW)
enumeration	Cayman Islands (KY)
enumeration	Kazakhstan (KZ)
enumeration	Lao People's Democratic Republic (LA)
enumeration	Lebanon (LB)
enumeration	Saint Lucia (LC)
enumeration	Liechtenstein (LI)
enumeration	Sri Lanka (LK)
enumeration	Liberia (LR)
enumeration	Lesotho (LS)
enumeration	Lithuania (LT)
enumeration	Luxembourg (LU)
enumeration	Latvia (LV)
enumeration	Libyan Arab Jamahiriya (LY)

enumeration	Morocco (MA)
enumeration	Monaco (MC)
enumeration	Moldova Republic of (MD)
enumeration	Montenegro (ME)
enumeration	Saint Martin (French part) (MF)
enumeration	Madagascar (MG)
enumeration	Marshall Islands (MH)
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enumeration	Mali (ML)
enumeration	Myanmar (MM)
enumeration	Mongolia (MN)
enumeration	Macao (MO)
enumeration	Northern Mariana Islands (MP)
enumeration	Martinique (MQ)
enumeration	Mauritania (MR)
enumeration	Montserrat (MS)
enumeration	Malta (MT)
enumeration	Mauritius (MU)
enumeration	Maldives (MV)
enumeration	Malawi (MW)
enumeration	Mexico (MX)
enumeration	Malaysia (MY)
enumeration	Mozambique (MZ)
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enumeration	New Caledonia (NC)
enumeration	Niger (NE)
enumeration	Norfolk Island (NF)
enumeration	Nigeria (NG)
enumeration	Nicaragua (NI)
enumeration	Netherlands (NL)
enumeration	Norway (NO)
enumeration	Nepal (NP)
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enumeration	French Polynesia (PF)
enumeration	Papua New Guinea (PG)
enumeration	Philippines (PH)
enumeration	Pakistan (PK)
enumeration	Poland (PL)
enumeration	Saint Pierre and Miquelon (PM)
enumeration	Pitcairn (PN)

enumeration	Puerto Rico (PR)
enumeration	Palestinian Territory Occupied (PS)
enumeration	Portugal (PT)
enumeration	Palau (PW)
enumeration	Paraguay (PY)
enumeration	Qatar (QA)
enumeration	Réunion (RE)
enumeration	Romania (RO)
enumeration	Serbia (RS)
enumeration	Russian Federation (RU)
enumeration	Rwanda (RW)
enumeration	Saudi Arabia (SA)
enumeration	Solomon Islands (SB)
enumeration	Seychelles (SC)
enumeration	Sudan (SD)
enumeration	Sweden (SE)
enumeration	Singapore (SG)
enumeration	Saint Helena Ascension and Tristan da Cunha (SH)
enumeration	Slovenia (SI)
enumeration	Svalbard and Jan Mayen (SJ)
enumeration	Slovakia (SK)
enumeration	Sierra Leone (SL)
enumeration	San Marino (SM)
enumeration	Senegal (SN)
enumeration	Somalia (SO)
enumeration	Suriname (SR)
enumeration	Sao Tome and Principe (ST)
enumeration	El Salvador (SV)
enumeration	Sint Maarten (Dutch part) (SX)
enumeration	Syrian Arab Republic (SY)
enumeration	Swaziland (SZ)
enumeration	Turks and Caicos Islands (TC)
enumeration	Chad (TD)
enumeration	French Southern Territories (TF)
enumeration	Togo (TG)
enumeration	Thailand (TH)
enumeration	Tajikistan (TJ)
enumeration	Tokelau (TK)
enumeration	Timor-Leste (TL)
enumeration	Turkmenistan (TM)
enumeration	Tunisia (TN)
enumeration	Tonga (TO)

	enumeration	Turkey (TR)
	enumeration	Trinidad and Tobago (TT)
	enumeration	Tuvalu (TV)
	enumeration	Taiwan Province of China (TW)
	enumeration	Tanzania United Republic of (TZ)
	enumeration	Ukraine (UA)
	enumeration	Uganda (UG)
	enumeration	United States Minor Outlying Islands (UM)
	enumeration	United States (US)
	enumeration	Uruguay (UY)
	enumeration	Uzbekistan (UZ)
	enumeration	Holy See (Vatican City State) (VA)
	enumeration	Saint Vincent and the Grenadines (VC)
	enumeration	Venezuela Bolivarian Republic of (VE)
	enumeration	Virgin Islands British (VG)
	enumeration	Virgin Islands U.S. (VI)
	enumeration	Viet Nam (VN)
	enumeration	Vanuatu (VU)
	enumeration	Wallis and Futuna (WF)
	enumeration	Samoa (WS)
	enumeration	Yemen (YE)
	enumeration	Mayotte (YT)
	enumeration	South Africa (ZA)
	enumeration	Zambia (ZM)
	enumeration	Zimbabwe (ZW)
Used by	Element	genres/genre
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<xsd:enumeration value="Power Metal"/>
<xsd:enumeration value="Thrash / Speed Metal"/>
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<xsd:enumeration value="Schlager"/>
<xsd:enumeration value="Singer / Songwriter"/>
<xsd:enumeration value="Synthpop"/>
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<xsd:enumeration value="Bluegrass"/>
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<xsd:enumeration value="Country Gospel"/>
<xsd:enumeration value="Honky-Tonk"/>
<xsd:enumeration value="Jewish / Yiddish Music"/>
<xsd:enumeration value="Nashville Sound"/>
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<xsd:enumeration value="Hard Bop"/>
<xsd:enumeration value="Jazz Fusion"/>
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<xsd:enumeration value="Nu-Jazz"/>
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<xsd:enumeration value="Alternative Hip Hop"/>
<xsd:enumeration value="Crunk"/>
<xsd:enumeration value="Dirty South"/>
<xsd:enumeration value="G-Funk"/>
<xsd:enumeration value="Gangsta Rap"/>
<xsd:enumeration value="Golden Era"/>
<xsd:enumeration value="Grime"/>
<xsd:enumeration value="Hyphy"/>
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<xsd:enumeration value="Miami Bass"/>
<xsd:enumeration value="New School"/>
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```
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<xsd:enumeration value="US Midwest"/>
<xsd:enumeration value="US Southern"/>
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<xsd:enumeration value="Modern Blues"/>
<xsd:enumeration value="Regional Blues"/>
<xsd:enumeration value="Traditional Blues"/>
<xsd:enumeration value="Soul"/>
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<xsd:enumeration value="Funk"/>
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<xsd:enumeration value="Breakbeat"/>
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<xsd:enumeration value="Garage / UK Funky"/>
<xsd:enumeration value="IDM"/>
<xsd:enumeration value="Trip-Hop"/>
<xsd:enumeration value="Trance"/>
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<xsd:enumeration value="Crossover / Popular Classicism"/>
<xsd:enumeration value="Electronic Music / Computer Music"/>
<xsd:enumeration value="Minimal Music"/>
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<xsd:enumeration value="Music and other Media / Arts"/>
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<xsd:enumeration value="Neoclassicism"/>
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<xsd:enumeration value="Renaissance"/>
<xsd:enumeration value="Romantic"/>
<xsd:enumeration value="Serialism"/>
<xsd:enumeration value="Anthem"/>
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## Namespace: "http://fnppl.org/opensdx/languages"

### Schema(s)

#### Imported schema openSDX\_languages.xsd

Namespace	http://fnppl.org/opensdx/languages
Properties	attribute form default: unqualified element form default: unqualified

### Simple Type(s)

#### Simple Type language

Namespace	http://fnppl.org/opensdx/languages																																																																														
Annotations	This element includes a list of ISO 639-1 language codes.																																																																														
Diagram	<p>This diagram illustrates the relationship between the 'language' element and the 'xsd:string' datatype. A purple rounded rectangle labeled 'language' has a small circle with a line pointing to it, indicating it is a restriction of 'xsd:string'. A callout bubble next to 'language' states: 'This element includes a list of ISO 639-1 language codes.' Another callout bubble next to 'xsd:string' states: 'Built-in primitive type. The string datatype represents character strings in XML.'</p>																																																																														
Type	restriction of xsd:string																																																																														
Facets	<table> <tbody> <tr><td>enumeration</td><td>aa</td><td>Afar</td></tr> <tr><td>enumeration</td><td>ab</td><td>Abkhazian</td></tr> <tr><td>enumeration</td><td>af</td><td>Afrikaans</td></tr> <tr><td>enumeration</td><td>am</td><td>Amharic</td></tr> <tr><td>enumeration</td><td>ar</td><td>Arabic</td></tr> <tr><td>enumeration</td><td>as</td><td>Assamese</td></tr> <tr><td>enumeration</td><td>ay</td><td>Aymara</td></tr> <tr><td>enumeration</td><td>az</td><td>Azerbaijani</td></tr> <tr><td>enumeration</td><td>ba</td><td>Bashkir</td></tr> <tr><td>enumeration</td><td>be</td><td>Byelorussian</td></tr> <tr><td>enumeration</td><td>bg</td><td>Bulgarian</td></tr> <tr><td>enumeration</td><td>bh</td><td>Bihari</td></tr> <tr><td>enumeration</td><td>bi</td><td>Bislama</td></tr> <tr><td>enumeration</td><td>bn</td><td>Bengali; Bangla</td></tr> <tr><td>enumeration</td><td>bo</td><td>Tibetan</td></tr> <tr><td>enumeration</td><td>br</td><td>Breton</td></tr> <tr><td>enumeration</td><td>ca</td><td>Catalan</td></tr> <tr><td>enumeration</td><td>co</td><td>Corsican</td></tr> <tr><td>enumeration</td><td>cs</td><td>Czech</td></tr> <tr><td>enumeration</td><td>cy</td><td>Welsh</td></tr> <tr><td>enumeration</td><td>da</td><td>Danish</td></tr> <tr><td>enumeration</td><td>de</td><td>German</td></tr> <tr><td>enumeration</td><td>dz</td><td>Bhutani</td></tr> <tr><td>enumeration</td><td>el</td><td>Greek</td></tr> <tr><td>enumeration</td><td>en</td><td>English</td></tr> <tr><td>enumeration</td><td>eo</td><td>Esperanto</td></tr> </tbody> </table>	enumeration	aa	Afar	enumeration	ab	Abkhazian	enumeration	af	Afrikaans	enumeration	am	Amharic	enumeration	ar	Arabic	enumeration	as	Assamese	enumeration	ay	Aymara	enumeration	az	Azerbaijani	enumeration	ba	Bashkir	enumeration	be	Byelorussian	enumeration	bg	Bulgarian	enumeration	bh	Bihari	enumeration	bi	Bislama	enumeration	bn	Bengali; Bangla	enumeration	bo	Tibetan	enumeration	br	Breton	enumeration	ca	Catalan	enumeration	co	Corsican	enumeration	cs	Czech	enumeration	cy	Welsh	enumeration	da	Danish	enumeration	de	German	enumeration	dz	Bhutani	enumeration	el	Greek	enumeration	en	English	enumeration	eo	Esperanto
enumeration	aa	Afar																																																																													
enumeration	ab	Abkhazian																																																																													
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enumeration	cs	Czech																																																																													
enumeration	cy	Welsh																																																																													
enumeration	da	Danish																																																																													
enumeration	de	German																																																																													
enumeration	dz	Bhutani																																																																													
enumeration	el	Greek																																																																													
enumeration	en	English																																																																													
enumeration	eo	Esperanto																																																																													

enumeration	es	Spanish
enumeration	et	Estonian
enumeration	eu	Basque
enumeration	fa	Persian
enumeration	fi	Finnish
enumeration	fj	Fiji
enumeration	fo	Faroese
enumeration	fr	French
enumeration	fy	Frisian
enumeration	ga	Irish
enumeration	gd	Scots Gaelic
enumeration	gl	Galician
enumeration	gn	Guarani
enumeration	gu	Gujarati
enumeration	ha	Hausa
enumeration	he	Hebrew
enumeration	hi	Hindi
enumeration	hr	Croatian
enumeration	hu	Hungarian
enumeration	hy	Armenian
enumeration	ia	Interlingua
enumeration	id	Indonesian
enumeration	ie	Interlingue
enumeration	ik	Inupiak
enumeration	is	Icelandic
enumeration	it	Italian
enumeration	iu	Inuktitut
enumeration	ja	Japanese
enumeration	jw	Javanese
enumeration	ka	Georgian
enumeration	kk	Kazakh
enumeration	kl	Greenlandic
enumeration	km	Cambodian
enumeration	kn	Kannada
enumeration	ko	Korean
enumeration	ks	Kashmiri
enumeration	ku	Kurdish
enumeration	ky	Kirghiz
enumeration	la	Latin
enumeration	ln	Lingala
enumeration	lo	Laothian
enumeration	lt	Lithuanian
enumeration	lv	Latvian; Lettish
enumeration	mg	Malagasy
enumeration	mi	Maori
enumeration	mk	Macedonian
enumeration	ml	Malayalam
enumeration	mn	Mongolian
enumeration	mo	Moldavian

enumeration	mr	Marathi
enumeration	ms	Malay
enumeration	mt	Maltese
enumeration	my	Burmese
enumeration	na	Nauru
enumeration	ne	Nepali
enumeration	nl	Dutch
enumeration	no	Norwegian
enumeration	oc	Occitan
enumeration	om	(Afan) Oromo
enumeration	or	Oriya
enumeration	pa	Punjabi
enumeration	pl	Polish
enumeration	ps	Pashto, Pushto
enumeration	pt	Portuguese
enumeration	qu	Quechua
enumeration	rm	Rhaeto-Romance
enumeration	rn	Kirundi
enumeration	ro	Romanian
enumeration	ru	Russian
enumeration	rw	Kinyarwanda
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enumeration	sd	Sindhi
enumeration	sg	Sangho
enumeration	sh	Serbo-Croatian
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enumeration	sn	Shona
enumeration	so	Somali
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enumeration	sv	Swedish
enumeration	sw	Swahili
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enumeration	te	Telugu
enumeration	tg	Tajik
enumeration	th	Thai
enumeration	ti	Tigrinya
enumeration	tk	Turkmen
enumeration	tl	Tagalog
enumeration	tn	Setswana
enumeration	to	Tonga
enumeration	tr	Turkish
enumeration	ts	Tsonga

	enumeration	tt	Tatar
	enumeration	tw	Twi
	enumeration	ug	Uigur
	enumeration	uk	Ukrainian
	enumeration	ur	Urdu
	enumeration	uz	Uzbek
	enumeration	vi	Vietnamese
	enumeration	vo	Volapuk
	enumeration	wo	Wolof
	enumeration	xh	Xhosa
	enumeration	yi	Yiddish
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Used by	Element	information/main_language	
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