

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

june 9, 2012

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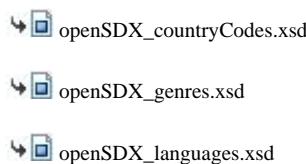
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## Resource hierarchy:

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

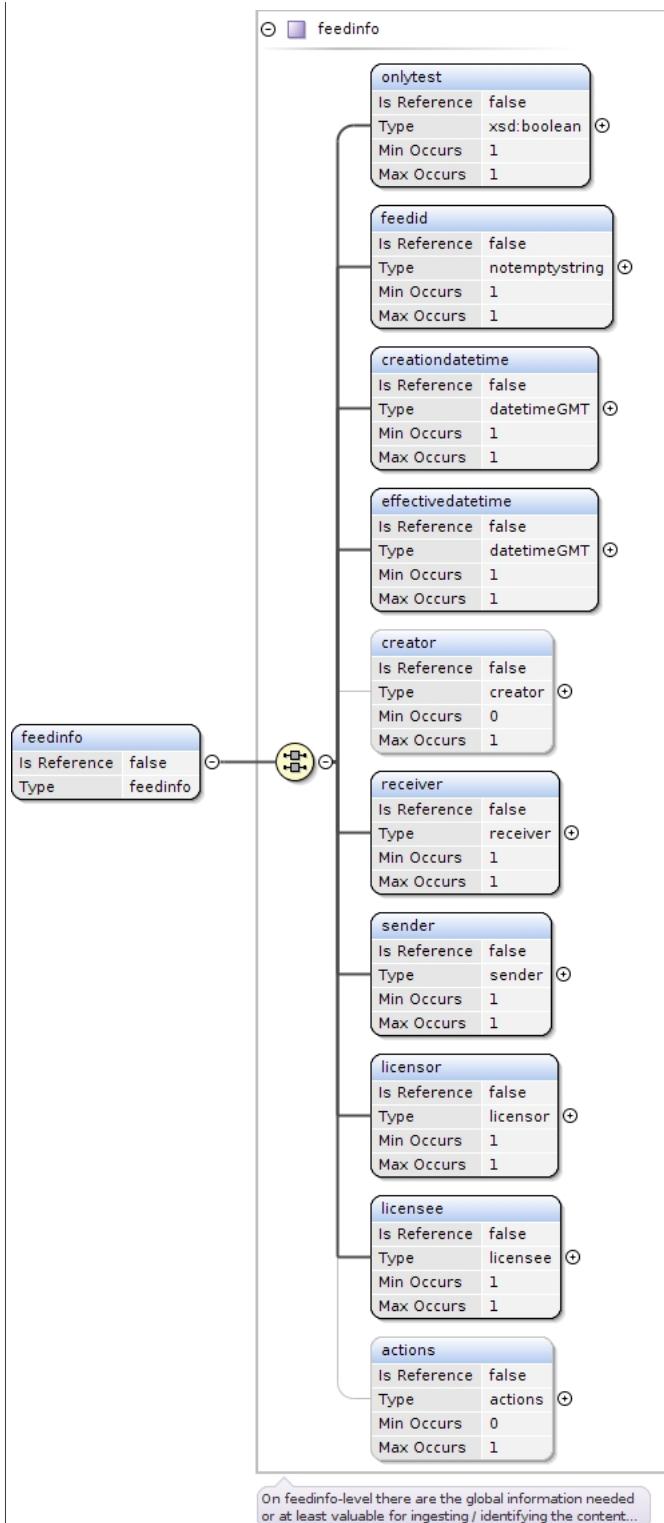
Namespace	No namespace
Annotations	General Element for the whole XML-Doc (root)
Diagram	<pre> graph LR     FE[feed] --&gt; FEI[feedinfo]     FE --&gt; B[bundle]     FE --&gt; I[item]     FEI --- FEI["Is Reference: false"]     FEI --- FEI["Type: feedinfo"]     FEI --- FEI["Min Occurs: 1"]     FEI --- FEI["Max Occurs: 1"]     B --- BI["Is Reference: false"]     B --- BI["Type: bundle"]     B --- BI["Min Occurs: 0"]     B --- BI["Max Occurs: unbounded"]     I --- BI["Is Reference: false"]     I --- BI["Type: item"]     I --- BI["Min Occurs: 0"]     I --- BI["Max Occurs: unbounded"]   </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
-----------	--------------

Diagram



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;   </pre>

	<pre>&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	
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	notemptystring
Properties	content: simple
Facets	minLength 1
Source	<code>&lt;xsd:element name="feedid" type="notemptystring"/&gt;</code>

### 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} \d{2}
Source	<code>&lt;xsd:element name="creationdatetime" type="datetimeGMT"/&gt;</code>

### 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} \d{2}

Source	<code>&lt;xsd:element name="effectivedatetime" type="datetimeGMT" /&gt;</code>
--------	--

## Element feedinfo / creator

Namespace	No namespace						
Diagram	<pre> classDiagram     class creator {         email         userid         keyid     }     class email {         Is Reference: false         Type: email         Min Occurs: 1         Max Occurs: 1     }     class userid {         Is Reference: false         Type: userid         Min Occurs: 0         Max Occurs: 1     }     class keyid {         Is Reference: false         Type: xsd:string         Min Occurs: 0         Max Occurs: 1     }     creator "1..1" -- "1..1" email     creator "1..1" -- "1..1" userid     creator "1..1" -- "1..1" keyid   </pre> <p>This element contains information about the creator of that feed.</p>						
Type	creator						
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(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	<code>&lt;xsd:element name="creator" type="creator" maxOccurs="1" minOccurs="0" /&gt;</code>						

## Element creator / email

Namespace	No namespace		
Annotations	Content should be an email-address of the *user* on the sending side.		
Diagram	<pre> classDiagram     class email {         Is Reference: false         Type: email     }     email "1..1" -- "1..1" email   </pre> <p>Content should be an email-address of the *user* on the sending side.</p>		
Type	email		
Properties	<table border="1"> <tr> <td>content:</td> <td>simple</td> </tr> </table>	content:	simple
content:	simple		
Facets	<table border="1"> <tr> <td>pattern</td> <td>(( [a-zA-Z0-9_\\-\\. ]+)@[a-zA-Z0-9-]+(\\.[a-zA-Z0-9-]+)*\\.[a-zA-Z]{2,3}))?</td> </tr> </table>	pattern	(( [a-zA-Z0-9_\\-\\. ]+)@[a-zA-Z0-9-]+(\\.[a-zA-Z0-9-]+)*\\.[a-zA-Z]{2,3}))?
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	<pre>     graph LR       userid[userid] --&gt; xsdString[xsd:string]       subgraph " "         direction TB         A[Is Reference: false]         B[Type: xsd:string]         C["This should be an unique id of the *user* on the sending side."]         A --- B         B --- xsdString         C --- xsdString       end     </pre>						
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="xsd:string" 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>						

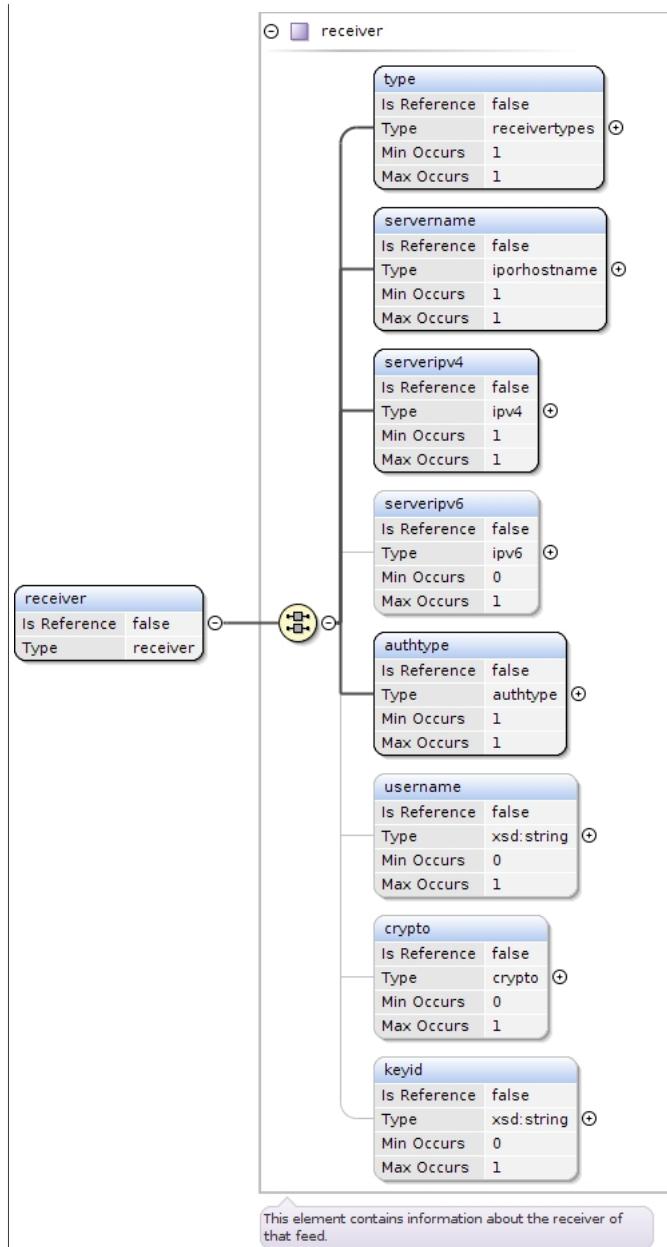
## Element creator / keyid

Namespace	No namespace						
Diagram	<pre>     graph LR       keyid[keyid] --&gt; xsdString[xsd:string]       subgraph " "         direction TB         A[Is Reference: false]         B[Type: xsd:string]         C["Built-in primitive type. The string datatype represents character strings in XML."]         A --- B         B --- xsdString         C --- xsdString       end     </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="keyid" type="xsd:string" maxOccurs="1" minOccurs="0"/&gt; </pre>						

## Element feedinfo / receiver

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

Diagram



Type	receiver
Properties	content: complex
Model	ALL(type servername serverip4 serverip6{0,1} authtype username{0,1} crypto{0,1} keyid{0,1})
Children	authtype, crypto, keyid, serverip4, serverip6, 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;serverip4&gt;{1,1}&lt;/serverip4&gt;   &lt;serverip6&gt;{0,1}&lt;/serverip6&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;keyid&gt;{0,1}&lt;/keyid&gt; &lt;/receiver&gt;</pre>
Source	<code>&lt;xsd:element name="receiver" type="receiver" /&gt;</code>

### Element receiver / type

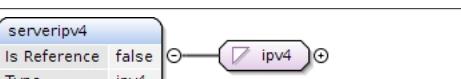
Namespace	No namespace
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Diagram	
Type	receivertypes
Properties	content: simple
Facets	enumeration ftp enumeration ftps enumeration sftp enumeration webdav enumeration openSDX fileserver
Source	<code>&lt;xsd:element name="type" type="receivertypes" /&gt;</code>

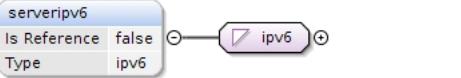
### Element receiver / servername

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

### Element receiver / serveripv4

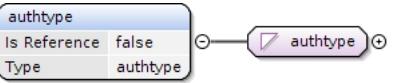
Namespace	No namespace
Diagram	
Type	ipv4
Properties	content: simple
Facets	pattern $(25[0-5] 2[0-4][0-9] 1[0-9][0-9]  [0-9]\{1,2\})$ $(\.(25[0-5] 2[0-4][0-9] 1[0-9][0-9]  [0-9]\{1,2\}))$ $\{3\}$
Source	<code>&lt;xsd:element name="serveripv4" type="ipv4" /&gt;</code>

### Element receiver / serveripv6

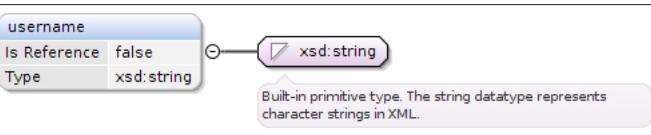
Namespace	No namespace
Diagram	
Type	ipv6
Properties	content: simple minOccurs: 0 maxOccurs: 1
Source	<code>&lt;xsd:element name="serveripv6" type="ipv6" maxOccurs="1" minOccurs="0" /&gt;</code>

### Element receiver / authtype

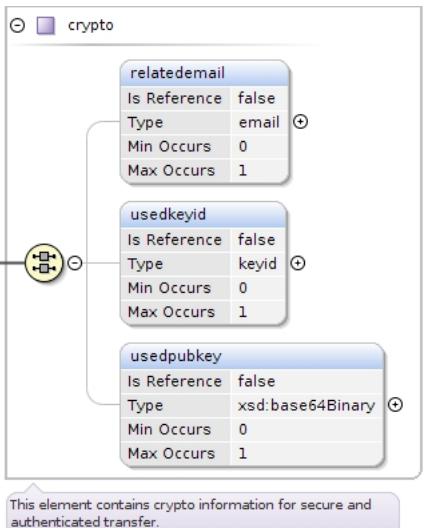
Namespace	No namespace
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Diagram	
Type	authtype
Properties	content: simple
Facets	enumeration login enumeration keyfile enumeration kerberos enumeration keyfile+login enumeration keyfile+username
Source	<code>&lt;xsd:element name="authtype" type="authtype"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

### 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	<code>&lt;xsd:element name="username" type="xsd:string" maxOccurs="1" minOccurs="0" /&gt;</code>

### Element receiver / crypto

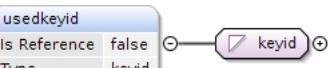
Namespace	No namespace
Diagram	 This element contains crypto information for secure and authenticated transfer.
Type	crypto
Properties	content: complex minOccurs: 0 maxOccurs: 1
Model	ALL(relatedemail{0,1} usedkeyid{0,1} usedpubkey{0,1})
Children	relatedemail, usedkeyid, usedpubkey
Instance	<code>&lt;crypto&gt;   &lt;relatedemail&gt;{0,1}&lt;/relatedemail&gt;   &lt;usedkeyid&gt;{0,1}&lt;/usedkeyid&gt;</code>

	<usedpubkey>{0,1}</usedpubkey> </crypto>
Source	<xsd:element name="crypto" type="crypto" maxOccurs="1" minOccurs="0" />

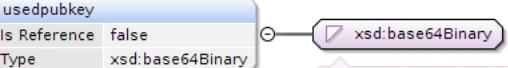
### Element crypto / relatedemail

Namespace	No namespace						
Diagram	 A diagram showing a reference from the element 'relatedemail' to the type 'email'. The 'relatedemail' box is blue and contains 'Is Reference: false' and 'Type: email'. An arrow points from it to the 'email' box, which is purple.						
Type	email						
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	<p>pattern <code>(( [a-zA-Z0-9_-]\-\. )+@[a-zA-Z0-9-]+(\.[a-zA-Z0-9-]+)*(\.\[a-zA-Z\]{2,3}))?</code></p>						
Source	<xsd:element name="relatedemail" type="email" maxOccurs="1" minOccurs="0" />						

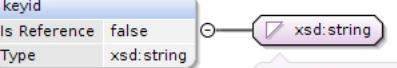
### Element crypto / usedkeyid

Namespace	No namespace						
Diagram	 A diagram showing a reference from the element 'usedkeyid' to the type 'keyid'. The 'usedkeyid' box is blue and contains 'Is Reference: false' and 'Type: keyid'. An arrow points from it to the 'keyid' box, which is purple.						
Type	keyid						
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="usedkeyid" type="keyid" maxOccurs="1" minOccurs="0" />						

### Element crypto / usedpubkey

Namespace	No namespace						
Diagram	 A diagram showing a reference from the element 'usedpubkey' to the type 'xsd:base64Binary'. The 'usedpubkey' box is blue and contains 'Is Reference: false' and 'Type: xsd:base64Binary'. An arrow points from it to the 'xsd:base64Binary' box, which is purple. A tooltip for 'xsd:base64Binary' states: 'Built-in primitive type. The base64Binary datatype represents Base64-encoded arbitrary binary data.'						
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 receiver / keyid

Namespace	No namespace						
Diagram	 A diagram showing a reference from the element 'keyid' to the type 'xsd:string'. The 'keyid' box is blue and contains 'Is Reference: false' and 'Type: xsd:string'. An arrow points from it to the 'xsd:string' box, which is purple. A tooltip for 'xsd:string' states: 'Built-in primitive type. The string datatype represents character strings in XML.'						
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="keyid" type="xsd:string" maxOccurs="1" minOccurs="0" /&gt;</code>
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## Element feedinfo / sender

Namespace	No namespace
Diagram	<pre> classDiagram     class sender {         &lt;&lt;Is Reference: false, Type: sender&gt;&gt;         &lt;&lt;contractpartnerid, Is Reference: false, Type: xsd:string, Min Occurs: 1, Max Occurs: 1&gt;&gt;         &lt;&lt;ourcontractpartnerid, Is Reference: false, Type: xsd:string, Min Occurs: 1, Max Occurs: 1&gt;&gt;         &lt;&lt;email, Is Reference: false, Type: email, Min Occurs: 0, Max Occurs: 1&gt;&gt;         &lt;&lt;keyid, Is Reference: false, Type: xsd:string, Min Occurs: 0, Max Occurs: 1&gt;&gt;     }     </pre> <p>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	<code>&lt;xsd:element name="sender" type="sender" /&gt;</code>

## Element sender / contractpartnerid

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	<code>&lt;xsd:element name="contractpartnerid" type="xsd:string" /&gt;</code>

## Element sender / ourcontractpartnerid

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	<xsd:element name="ourcontractpartnerid" type="xsd:string"/>

### Element sender / email

Namespace	No namespace						
Diagram	<pre> graph LR     email1[email] --&gt; email2[email]     style email1 fill:#e0f2e0     style email2 fill:#e0f2e0     </pre>						
Type	email						
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	<p>pattern</p> $(([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	<pre> graph LR     keyid1[keyid] --&gt; xsdString[xsd:string]     style keyid1 fill:#e0f2e0     style xsdString fill:#e0f2e0     </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> <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="keyid" type="xsd:string" maxOccurs="1" minOccurs="0"/>						

### Element feedinfo / licensor

Namespace	No namespace
Diagram	<pre> graph LR     licensor[licensor] --&gt; contractpartnerid[contractpartnerid]     licensor --&gt; ourcontractpartnerid[ourcontractpartnerid]     licensor --&gt; email[email]     licensor --&gt; keyid[keyid]     </pre> <p>This element contains information about the licensor of that feed.</p>

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	<code>&lt;xsd:element name="licensor" type="licensor"/&gt;</code>

### Element licensor / contractpartnerid

Namespace	No namespace
Diagram	<p>The diagram shows the <code>contractpartnerid</code> element with the following properties:  <b>Is Reference:</b> false  <b>Type:</b> xsd:string</p> <p>A link connects the element to the <code>xsd:string</code> type, which is described as a built-in primitive type representing character strings in XML.</p>
Type	xsd:string
Properties	content: simple
Source	<code>&lt;xsd:element name="contractpartnerid" type="xsd:string"/&gt;</code>

### Element licensor / ourcontractpartnerid

Namespace	No namespace
Diagram	<p>The diagram shows the <code>ourcontractpartnerid</code> element with the following properties:  <b>Is Reference:</b> false  <b>Type:</b> xsd:string</p> <p>A link connects the element to the <code>xsd:string</code> type, which is described as a built-in primitive type representing character strings in XML.</p>
Type	xsd:string
Properties	content: simple
Source	<code>&lt;xsd:element name="ourcontractpartnerid" type="xsd:string"/&gt;</code>

### Element licensor / email

Namespace	No namespace						
Diagram	<p>The diagram shows the <code>email</code> element with the following properties:  <b>Is Reference:</b> false  <b>Type:</b> email</p> <p>A link connects the element to the <code>email</code> type, which is described as a built-in primitive type representing character strings in XML.</p>						
Type	email						
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	<p>pattern</p> <pre>(( [a-zA-Z0-9_-\.\.]+ )@[a-zA-Z0-9-]+\.( [a-zA-Z0-9-]+\.*( \.[a-zA-Z]{2,3} ))?)</pre>						
Source	<code>&lt;xsd:element name="email" type="email" maxOccurs="1" minOccurs="0"/&gt;</code>						

### Element licensor / keyid

Namespace	No namespace
Diagram	<p>The diagram shows the <code>keyid</code> element with the following properties:  <b>Is Reference:</b> false  <b>Type:</b> xsd:string</p> <p>A link connects the element to the <code>xsd:string</code> type, which is described as a built-in primitive type representing 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

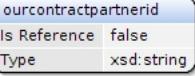
Namespace	No namespace
Diagram	<pre> classDiagram     class licensee {         &lt;&lt; licensee &gt;&gt;         &lt;&lt; Is Reference: false, Type: licensee &gt;&gt;         contractpartnerid         ourcontractpartnerid         email         keyid     }     licensee &lt; -- licensee     licensee "1..1" --&gt; licensee : contractpartnerid     licensee "1..1" --&gt; licensee : ourcontractpartnerid     licensee "0..1" --&gt; email     licensee "0..1" --&gt; keyid     note over licensee: This element contains information about the licensee of that feed.   </pre>
Type	licensee
Properties	content: complex
Model	ALL(contractpartnerid ourcontractpartnerid email{0,1} keyid{0,1})
Children	contractpartnerid, email, keyid, ourcontractpartnerid
Instance	<licensee>   <contractpartnerid>{1,1}</contractpartnerid>   <ourcontractpartnerid>{1,1}</ourcontractpartnerid>   <email>{0,1}</email>   <keyid>{0,1}</keyid> </licensee>
Source	<xsd:element name="licensee" type="licensee"/>

### Element licensee / contractpartnerid

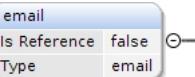
Namespace	No namespace
Diagram	<pre> classDiagram     class licensee {         &lt;&lt; licensee &gt;&gt;         &lt;&lt; Is Reference: false, Type: xsd:string &gt;&gt;         contractpartnerid     }     licensee --&gt; xsd:string     note over xsd:string: Built-in primitive type. The string datatype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

### Element licensee / ourcontractpartnerid

Namespace	No namespace
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Diagram	 A diagram showing a blue rounded rectangle labeled 'ourcontractpartnerid'. It has three tabs: 'Is Reference' (set to false), 'Type' (set to 'xsd:string'), and 'Content' (set to 'simple'). A line connects it to a purple rounded rectangle labeled 'xsd:string'. A tooltip below the connection says: 'Built-in primitive type. The string datatype represents character strings in XML.'.
Type	xsd:string
Properties	content: simple
Source	<code>&lt;xsd:element name="ourcontractpartnerid" type="xsd:string"/&gt;</code>

### Element licensee / email

Namespace	No namespace
Diagram	 A diagram showing a blue rounded rectangle labeled 'email'. It has three tabs: 'Is Reference' (set to false), 'Type' (set to 'email'), and 'Content' (set to 'simple'). A line connects it to another blue rounded rectangle labeled 'email'. There are two small circles at the connection point: one open circle on the left and one closed circle on the right.
Type	email
Properties	content: simple minOccurs: 0 maxOccurs: 1
Facets	pattern <code>(( [a-zA-Z0-9_\-\.\. ]+)@([a-zA-Z0-9-]+(\.\.[a-zA-Z0-9-]+)*(\.\.[a-zA-Z]{2,3}))?</code>
Source	<code>&lt;xsd:element name="email" type="email" maxOccurs="1" minOccurs="0"/&gt;</code>

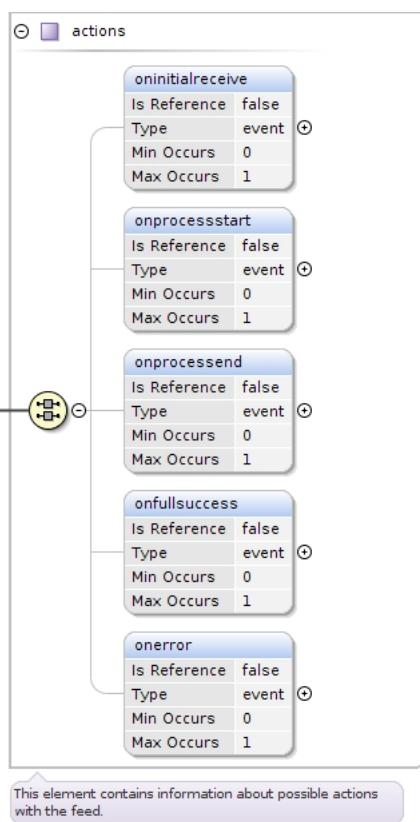
### Element licensee / keyid

Namespace	No namespace
Diagram	 A diagram showing a blue rounded rectangle labeled 'keyid'. It has three tabs: 'Is Reference' (set to false), 'Type' (set to 'xsd:string'), and 'Content' (set to 'simple'). A line connects it to a purple rounded rectangle labeled 'xsd:string'. A tooltip below the connection says: 'Built-in primitive type. The string datatype represents character strings in XML.'.
Type	xsd:string
Properties	content: simple minOccurs: 0 maxOccurs: 1
Source	<code>&lt;xsd:element name="keyid" type="xsd:string" maxOccurs="1" minOccurs="0"/&gt;</code>

### Element feedinfo / actions

Namespace	No namespace
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Diagram



Type	actions
Properties	content: complex minOccurs: 0 maxOccurs: 1
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	<code>&lt;xsd:element name="actions" type="actions" maxOccurs="1" minOccurs="0" /&gt;</code>

### Element actions / oninitialreceive

Namespace	No namespace
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Diagram	<pre> classDiagram     class event {         mailto         http         fax         letter         nothing     }     oninitialreceive --&gt; event     note over event: This element contains information about possible events and actions.   </pre>						
Type	event						
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	mailto* , http* , fax* , letter* , nothing{0,1}						
Children	fax, http, letter, mailto, nothing						
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;nothing&gt;{0,1}&lt;/nothing&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
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Diagram	<pre> classDiagram     mailto &lt; -- action     mailto "mailto"     mailto "Is Reference": false     mailto "Type": mailto     action "action (extension base)"     receiver "receiver"     receiver "Is Reference": false     receiver "Type": emaillist     receiver "Min Occurs": 1     receiver "Max Occurs": unbounded     subject "subject"     subject "Is Reference": false     subject "Type": xsd:string     subject "Min Occurs": 1     subject "Max Occurs": 1     text "text"     text "Is Reference": false     text "Type": xsd:string     text "Min Occurs": 1     text "Max Occurs": 1   </pre> <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;   &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	<code>&lt;xsd:element name="mailto" type="mailto" minOccurs="0" maxOccurs="unbounded" /&gt;</code>

### Element mailto / receiver

Namespace	No namespace
Diagram	<pre> receiver "receiver" receiver "Is Reference": false receiver "Type": emaillist   </pre>
Type	emaillist
Properties	content: simple minOccurs: 1 maxOccurs: unbounded
Source	<code>&lt;xsd:element name="receiver" type="emaillist" minOccurs="1" maxOccurs="unbounded" /&gt;</code>

### Element mailto / subject

Namespace	No namespace
Diagram	<pre> subject "subject" subject "Is Reference": false subject "Type": xsd:string   </pre> <p>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="subject" type="xsd:string" /&gt;</code>
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### Element mailto / text

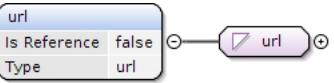
Namespace	No namespace
Diagram	<p>The diagram illustrates the schema structure for the 'text' element. It shows a box labeled 'text' with 'Is Reference' set to 'false' and 'Type' set to 'xsd:string'. An arrow points from this box to another box labeled 'xsd:string', which is described as a 'Built-in primitive type. The string datatype represents character strings in XML.'</p>
Type	xsd:string
Properties	content: simple
Source	<code>&lt;xsd:element name="text" type="xsd:string" /&gt;</code>

### Element event / http

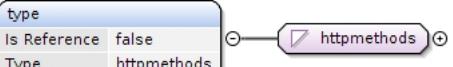
Namespace	No namespace
Diagram	<p>The diagram shows the structure of the 'http' element. It starts with a box labeled 'http' with 'Is Reference' set to 'false' and 'Type' set to 'http'. This box has a reference to a 'Base Type' box labeled 'action'. The 'action' box contains several child components: 'url', 'type', 'addheader', and 'addparams'. Each of these components has its own properties like 'Is Reference', 'Type', 'Min Occurs', and 'Max Occurs'. A note at the bottom states: '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	<p>content: complex</p> <p>minOccurs: 0</p> <p>maxOccurs: unbounded</p>
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

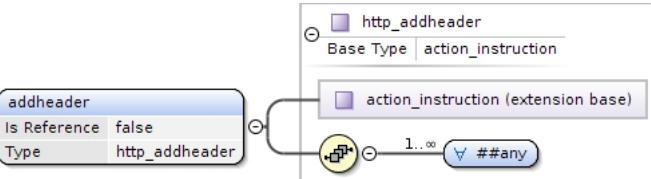
Namespace	No namespace
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Diagram					
Type	url				
Properties	content: simple				
Facets	<table> <tr> <td>minLength</td><td>1</td></tr> <tr> <td>pattern</td><td>(http://...*\....*)   (https://...*\....*)</td></tr> </table>	minLength	1	pattern	(http://...*\....*)   (https://...*\....*)
minLength	1				
pattern	(http://...*\....*)   (https://...*\....*)				
Source	<xsd:element name="url" type="url"/>				

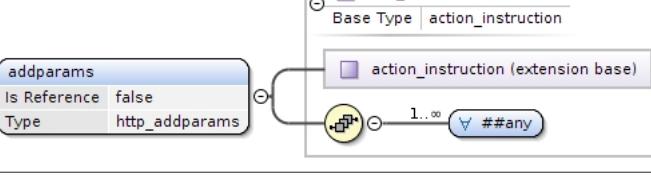
### Element http / type

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

### Element http / addheader

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

### Element http / addparams

Namespace	No namespace
Diagram	
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	<code>&lt;xsd:element name="addparams" type="http_addparams" /&gt;</code>
--------	---

## Element event / fax

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

## Element event / letter

Namespace	No namespace						
Diagram	<pre> classDiagram     letter &lt; -- registered     letter &lt; -- to     letter &lt; -- text     letter &lt; -- costscoveredby   </pre>						
Type	letter						
Properties	<table border="1"> <tr> <td>content:</td> <td>complex</td> </tr> <tr> <td>minOccurs:</td> <td>0</td> </tr> <tr> <td>maxOccurs:</td> <td>unbounded</td> </tr> </table>	content:	complex	minOccurs:	0	maxOccurs:	unbounded
content:	complex						
minOccurs:	0						
maxOccurs:	unbounded						
Model	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;   </pre>						

	<costscoveredby>{1,1}</costscoveredby> </letter>
Source	<xsd:element name="letter" type="letter" minOccurs="0" maxOccurs="unbounded" />

### Element letter / registered

Namespace	No namespace
Annotations	This tells if letter must be registered or not.
Diagram	<p>This tells if letter must be registered or not.</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>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; &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	<xsd:element name="to" type="to"/>

### Element to / name

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

### Element to / department

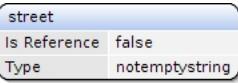
Namespace	No namespace
Diagram	
Type	notemptystring
Properties	content: simple minOccurs: 0 maxOccurs: 1
Facets	minLength 1
Source	<xsd:element name="department" type="notemptystring" minOccurs="0" maxOccurs="1"/>

### Element to / nameperson

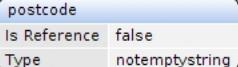
Namespace	No namespace
Diagram	
Type	notemptystring
Properties	content: simple minOccurs: 0 maxOccurs: 1
Facets	minLength 1
Source	<xsd:element name="nameperson" type="notemptystring" minOccurs="0" maxOccurs="1"/>

### Element to / street

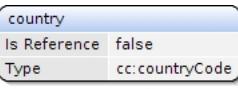
Namespace	No namespace
-----------	--------------

Diagram	
Type	notemptystring
Properties	content: simple
Facets	minLength 1
Source	<xsd:element name="street" type="notemptystring"/>

### Element to / postcode

Namespace	No namespace
Diagram	
Type	notemptystring
Properties	content: simple
Facets	minLength 1
Source	<xsd:element name="postcode" type="notemptystring"/>

### Element to / country

Namespace	No namespace																																																																					
Diagram	 This element includes a list of ISO 3166-1 country codes.																																																																					
Type	countryCode																																																																					
Properties	content: simple																																																																					
Facets	<table> <tbody> <tr> <td>enumeration</td> <td>AF</td> <td>Afghanistan</td> </tr> <tr> <td>enumeration</td> <td>AX</td> <td>Åland Islands</td> </tr> <tr> <td>enumeration</td> <td>AL</td> <td>Albania</td> </tr> <tr> <td>enumeration</td> <td>DZ</td> <td>Algeria</td> </tr> <tr> <td>enumeration</td> <td>AS</td> <td>American Samoa</td> </tr> <tr> <td>enumeration</td> <td>AD</td> <td>Andorra</td> </tr> <tr> <td>enumeration</td> <td>AO</td> <td>Angola</td> </tr> <tr> <td>enumeration</td> <td>AI</td> <td>Anguilla</td> </tr> <tr> <td>enumeration</td> <td>AQ</td> <td>Antarctica</td> </tr> <tr> <td>enumeration</td> <td>AG</td> <td>Antigua and Barbuda</td> </tr> <tr> <td>enumeration</td> <td>AR</td> <td>Argentina</td> </tr> <tr> <td>enumeration</td> <td>AM</td> <td>Armenia</td> </tr> <tr> <td>enumeration</td> <td>AW</td> <td>Aruba</td> </tr> <tr> <td>enumeration</td> <td>AU</td> <td>Australia</td> </tr> <tr> <td>enumeration</td> <td>AT</td> <td>Austria</td> </tr> <tr> <td>enumeration</td> <td>AZ</td> <td>Azerbaijan</td> </tr> <tr> <td>enumeration</td> <td>BS</td> <td>Bahamas</td> </tr> <tr> <td>enumeration</td> <td>BH</td> <td>Bahrain</td> </tr> <tr> <td>enumeration</td> <td>BD</td> <td>Bangladesh</td> </tr> <tr> <td>enumeration</td> <td>BB</td> <td>Barbados</td> </tr> <tr> <td>enumeration</td> <td>BY</td> <td>Belarus</td> </tr> <tr> <td>enumeration</td> <td>BE</td> <td>Belgium</td> </tr> <tr> <td>enumeration</td> <td>BZ</td> <td>Belize</td> </tr> </tbody> </table>	enumeration	AF	Afghanistan	enumeration	AX	Åland Islands	enumeration	AL	Albania	enumeration	DZ	Algeria	enumeration	AS	American Samoa	enumeration	AD	Andorra	enumeration	AO	Angola	enumeration	AI	Anguilla	enumeration	AQ	Antarctica	enumeration	AG	Antigua and Barbuda	enumeration	AR	Argentina	enumeration	AM	Armenia	enumeration	AW	Aruba	enumeration	AU	Australia	enumeration	AT	Austria	enumeration	AZ	Azerbaijan	enumeration	BS	Bahamas	enumeration	BH	Bahrain	enumeration	BD	Bangladesh	enumeration	BB	Barbados	enumeration	BY	Belarus	enumeration	BE	Belgium	enumeration	BZ	Belize
enumeration	AF	Afghanistan																																																																				
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enumeration	BJ	Benin
enumeration	BM	Bermuda
enumeration	BT	Bhutan
enumeration	BO	Bolivia, Plurinational State of
enumeration	BQ	Bonaire, Sint Eustatius and Saba
enumeration	BA	Bosnia and Herzegovina
enumeration	BW	Botswana
enumeration	BV	Bouvet Island
enumeration	BR	Brazil
enumeration	IO	British Indian Ocean Territory
enumeration	BN	Brunei Darussalam
enumeration	BG	Bulgaria
enumeration	BF	Burkina Faso
enumeration	BI	Burundi
enumeration	KH	Cambodia
enumeration	CM	Cameroon
enumeration	CA	Canada
enumeration	CV	Cape Verde
enumeration	KY	Cayman Islands
enumeration	CF	Central African Republic
enumeration	TD	Chad
enumeration	CL	Chile
enumeration	CN	China
enumeration	CX	Christmas Island
enumeration	CC	Cocos (Keeling) Islands
enumeration	CO	Colombia
enumeration	KM	Comoros
enumeration	CG	Congo
enumeration	CD	Congo, the Democratic Republic of the
enumeration	CK	Cook Islands
enumeration	CR	Costa Rica
enumeration	CI	Côte d'Ivoire
enumeration	HR	Croatia
enumeration	CU	Cuba
enumeration	CW	Curaçao
enumeration	CY	Cyprus
enumeration	CZ	Czech Republic
enumeration	DK	Denmark
enumeration	DJ	Djibouti
enumeration	DM	Dominica
enumeration	DO	Dominican Republic
enumeration	EC	Ecuador
enumeration	EG	Egypt
enumeration	SV	El Salvador
enumeration	GQ	Equatorial Guinea
enumeration	ER	Eritrea
enumeration	EE	Estonia
enumeration	ET	Ethiopia
enumeration	FK	Falkland Islands (Malvinas)

enumeration	FO	Faroe Islands
enumeration	FJ	Fiji
enumeration	FI	Finland
enumeration	FR	France
enumeration	GF	French Guiana
enumeration	PF	French Polynesia
enumeration	TF	French Southern Territories
enumeration	GA	Gabon
enumeration	GM	Gambia
enumeration	GE	Georgia
enumeration	DE	Germany
enumeration	GH	Ghana
enumeration	GI	Gibraltar
enumeration	GR	Greece
enumeration	GL	Greenland
enumeration	GD	Grenada
enumeration	GP	Guadeloupe
enumeration	GU	Guam
enumeration	GT	Guatemala
enumeration	GG	Guernsey
enumeration	GN	Guinea
enumeration	GW	Guinea-Bissau
enumeration	GY	Guyana
enumeration	HT	Haiti
enumeration	HM	Heard Island and McDonald Islands
enumeration	VA	Holy See (Vatican City State)
enumeration	HN	Honduras
enumeration	HK	Hong Kong
enumeration	HU	Hungary
enumeration	IS	Iceland
enumeration	IN	India
enumeration	ID	Indonesia
enumeration	IR	Iran, Islamic Republic of
enumeration	IQ	Iraq
enumeration	IE	Ireland
enumeration	IM	Isle of Man
enumeration	IL	Israel
enumeration	IT	Italy
enumeration	JM	Jamaica
enumeration	JP	Japan
enumeration	JE	Jersey
enumeration	JO	Jordan
enumeration	KZ	Kazakhstan
enumeration	KE	Kenya
enumeration	KI	Kiribati
enumeration	KP	Korea, Democratic People's Republic of
enumeration	KR	Korea, Republic of
enumeration	KW	Kuwait
enumeration	KG	Kyrgyzstan

enumeration	LA	Lao People's Democratic Republic
enumeration	LV	Latvia
enumeration	LB	Lebanon
enumeration	LS	Lesotho
enumeration	LR	Liberia
enumeration	LY	Libyan Arab Jamahiriya
enumeration	LI	Liechtenstein
enumeration	LT	Lithuania
enumeration	LU	Luxembourg
enumeration	MO	Macao
enumeration	MK	Macedonia, the former Yugoslav Republic of
enumeration	MG	Madagascar
enumeration	MW	Malawi
enumeration	MY	Malaysia
enumeration	MV	Maldives
enumeration	ML	Mali
enumeration	MT	Malta
enumeration	MH	Marshall Islands
enumeration	MQ	Martinique
enumeration	MR	Mauritania
enumeration	MU	Mauritius
enumeration	YT	Mayotte
enumeration	MX	Mexico
enumeration	FM	Micronesia, Federated States of
enumeration	MD	Moldova, Republic of
enumeration	MC	Monaco
enumeration	MN	Mongolia
enumeration	ME	Montenegro
enumeration	MS	Montserrat
enumeration	MA	Morocco
enumeration	MZ	Mozambique
enumeration	MM	Myanmar
enumeration	NA	Namibia
enumeration	NR	Nauru
enumeration	NP	Nepal
enumeration	NL	Netherlands
enumeration	NC	New Caledonia
enumeration	NZ	New Zealand
enumeration	NI	Nicaragua
enumeration	NE	Niger
enumeration	NG	Nigeria
enumeration	NU	Niue
enumeration	NF	Norfolk Island
enumeration	MP	Northern Mariana Islands
enumeration	NO	Norway
enumeration	OM	Oman
enumeration	PK	Pakistan
enumeration	PW	Palau
enumeration	PS	Palestinian Territory, Occupied

enumeration	PA	Panama
enumeration	PG	Papua New Guinea
enumeration	PY	Paraguay
enumeration	PE	Peru
enumeration	PH	Philippines
enumeration	PN	Pitcairn
enumeration	PL	Poland
enumeration	PT	Portugal
enumeration	PR	Puerto Rico
enumeration	QA	Qatar
enumeration	RE	Réunion
enumeration	RO	Romania
enumeration	RU	Russian Federation
enumeration	RW	Rwanda
enumeration	BL	Saint Barthélemy
enumeration	SH	Saint Helena, Ascension and Tristan da Cunha
enumeration	KN	Saint Kitts and Nevis
enumeration	LC	Saint Lucia
enumeration	MF	Saint Martin (French part)
enumeration	PM	Saint Pierre and Miquelon
enumeration	VC	Saint Vincent and the Grenadines
enumeration	WS	Samoa
enumeration	SM	San Marino
enumeration	ST	Sao Tome and Principe
enumeration	SA	Saudi Arabia
enumeration	SN	Senegal
enumeration	RS	Serbia
enumeration	SC	Seychelles
enumeration	SL	Sierra Leone
enumeration	SG	Singapore
enumeration	SX	Sint Maarten (Dutch part)
enumeration	SK	Slovakia
enumeration	SI	Slovenia
enumeration	SB	Solomon Islands
enumeration	SO	Somalia
enumeration	ZA	South Africa
enumeration	GS	South Georgia and the South Sandwich Islands
enumeration	SS	South Sudan
enumeration	ES	Spain
enumeration	LK	Sri Lanka
enumeration	SD	Sudan
enumeration	SR	Suriname
enumeration	SJ	Svalbard and Jan Mayen
enumeration	SZ	Swaziland
enumeration	SE	Sweden
enumeration	CH	Switzerland
enumeration	SY	Syrian Arab Republic
enumeration	TW	Taiwan, Province of China
enumeration	TJ	Tajikistan

enumeration	TZ	Tanzania, United Republic of
enumeration	TH	Thailand
enumeration	TL	Timor-Leste
enumeration	TG	Togo
enumeration	TK	Tokelau
enumeration	TO	Tonga
enumeration	TT	Trinidad and Tobago
enumeration	TN	Tunisia
enumeration	TR	Turkey
enumeration	TM	Turkmenistan
enumeration	TC	Turks and Caicos Islands
enumeration	TV	Tuvalu
enumeration	UG	Uganda
enumeration	UA	Ukraine
enumeration	AE	United Arab Emirates
enumeration	GB	United Kingdom
enumeration	US	United States
enumeration	UM	United States Minor Outlying Islands
enumeration	UY	Uruguay
enumeration	UZ	Uzbekistan
enumeration	VU	Vanuatu
enumeration	VE	Venezuela, Bolivarian Republic of
enumeration	VN	Viet Nam
enumeration	VG	Virgin Islands, British
enumeration	VI	Virgin Islands, U.S.
enumeration	WF	Wallis and Futuna
enumeration	WW	WorldWide
enumeration	EH	Western Sahara
enumeration	YE	Yemen
enumeration	ZM	Zambia
enumeration	ZW	Zimbabwe
Source	<xsd:element name="country" type="cc:countryCode"/>	

## Element to / additionaladdressinfo

Namespace	No namespace						
Diagram	<pre> graph LR     A[additionaladdressinfo] --&gt; B(( ))     B --&gt; C{notemptystring}     style A fill:#e0f2e0,stroke:#3399ff,stroke-width:1px     style B fill:#e0f2e0,stroke:#3399ff,stroke-width:1px     style C fill:#e0f2e0,stroke:#3399ff,stroke-width:1px   </pre>						
Type	notemptystring						
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>minLength</td> <td>1</td> </tr> </table>	minLength	1				
minLength	1						
Source	<xsd:element name="additionaladdressinfo" type="notemptystring" minOccurs="0" maxOccurs="1"/>						

## Element letter / text

Namespace	No namespace
Annotations	This contains the content/text of letter.

Diagram	<pre> text Is Reference: false Type: xsd:string     </pre> <p>This contains the content/text of letter.</p> <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="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;     </pre>

### Element letter / costscoveredby

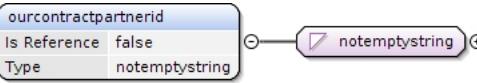
Namespace	No namespace
Diagram	<pre> costscoveredby   </pre> <p>This element contains information about who covered the costs of event.</p> <p>contractpartnerid  Is Reference: false  Type: notemptystring  Min Occurs: 1  Max Occurs: 1</p> <p>ourcontractpartnerid  Is Reference: false  Type: notemptystring  Min Occurs: 1  Max Occurs: 1</p> <p>maxcostscovers  Is Reference: false  Type: notemptystring  Min Occurs: 0  Max Occurs: 1</p> <p>This contains the max amount that will be covered.</p>
Type	costscoveredby
Properties	content: complex
Model	ALL(contractpartnerid ourcontractpartnerid maxcostscovers{0,1})
Children	contractpartnerid, maxcostscovers, ourcontractpartnerid
Instance	<pre> &lt;costscoveredby&gt;   &lt;contractpartnerid&gt;{1,1}&lt;/contractpartnerid&gt;   &lt;ourcontractpartnerid&gt;{1,1}&lt;/ourcontractpartnerid&gt;   &lt;maxcostscovers&gt;{0,1}&lt;/maxcostscovers&gt; &lt;/costscoveredby&gt;     </pre>
Source	<pre> &lt;xsd:element name="costscoveredby" type="costscoveredby" /&gt;     </pre>

### Element costscoveredby / contractpartnerid

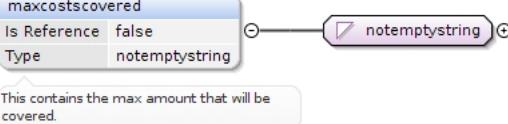
Namespace	No namespace
Diagram	<pre> contractpartnerid   </pre> <p>notemptystring</p>
Type	notemptystring
Properties	content: simple
Facets	minLength 1
Source	<pre> &lt;xsd:element name="contractpartnerid" type="notemptystring" /&gt;     </pre>

### Element costscoveredby / ourcontractpartnerid

Namespace	No namespace
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Diagram	
Type	notemptystring
Properties	content: simple
Facets	minLength 1
Source	<pre>&lt;xsd:element name="ourcontractpartnerid" type="notemptystring" /&gt;</pre>

### Element costscoveredby / maxcostscovered

Namespace	No namespace
Annotations	This contains the max amount that will be covered.
Diagram	
Type	notemptystring
Properties	content: simple minOccurs: 0 maxOccurs: 1
Facets	minLength 1
Source	<pre>&lt;xsd:element name="maxcostscovered" type="notemptystring" 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>

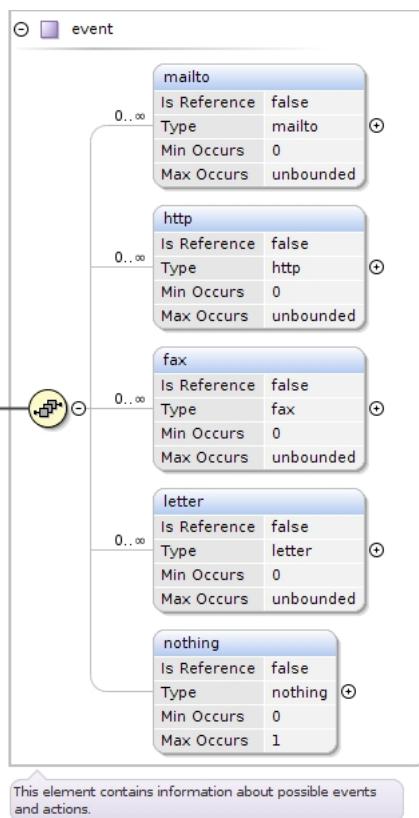
### Element event / nothing

Namespace	No namespace
Diagram	
Type	nothing
Properties	content: simple minOccurs: 0 maxOccurs: 1
Facets	length 0
Source	<pre>&lt;xsd:element name="nothing" type="nothing" minOccurs="0" maxOccurs="1"/&gt;</pre>

### Element actions / onprocessstart

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

Diagram

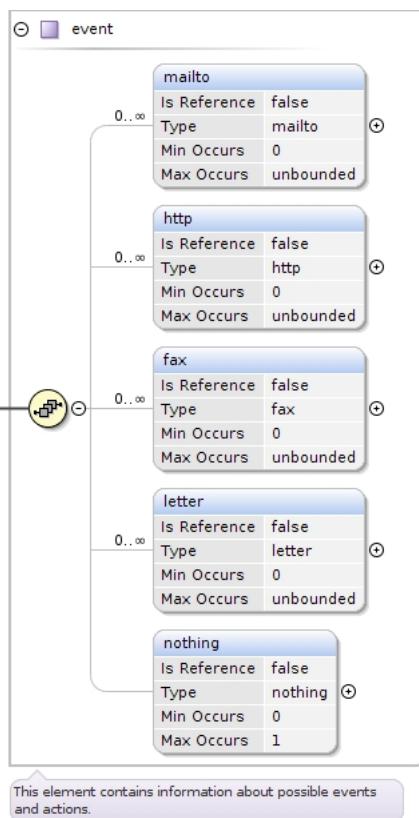


Type	event
Properties	content: complex minOccurs: 0 maxOccurs: 1
Model	mailto*, http*, fax*, letter*, nothing{0,1}
Children	fax, http, letter, mailto, nothing
Instance	<pre> &lt;onprocessstart&gt;   &lt;mailto&gt;{0,unbounded}&lt;/mailto&gt;   &lt;http&gt;{0,unbounded}&lt;/http&gt;   &lt;fax&gt;{0,unbounded}&lt;/fax&gt;   &lt;letter&gt;{0,unbounded}&lt;/letter&gt;   &lt;nothing&gt;{0,1}&lt;/nothing&gt; &lt;/onprocessstart&gt; </pre>
Source	<code>&lt;xsd:element name="onprocessstart" type="event" maxOccurs="1" minOccurs="0"/&gt;</code>

### Element actions / onprocessend

Namespace	No namespace
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Diagram



Type	event
Properties	content: complex minOccurs: 0 maxOccurs: 1
Model	mailto*, http*, fax*, letter*, nothing{0,1}
Children	fax, http, letter, mailto, nothing
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;nothing&gt;{0,1}&lt;/nothing&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	<pre> classDiagram     class event {         mailto         http         fax         letter         nothing     }     class onfullsuccess {         Is Reference: false         Type: event     }     event "0..∞" -- "0..∞" onfullsuccess     event "0..∞" -- "0..∞" mailto     event "0..∞" -- "0..∞" http     event "0..∞" -- "0..∞" fax     event "0..∞" -- "0..∞" letter     event "0..∞" -- "0..∞" nothing     note over event: This element contains information about possible events and actions.   </pre>						
Type	event						
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	mailto* , http* , fax* , letter* , nothing{0,1}						
Children	fax, http, letter, mailto, nothing						
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;nothing&gt;{0,1}&lt;/nothing&gt; &lt;/onfullsuccess&gt;   </pre>						
Source	<pre> &lt;xsd:element name="onfullsuccess" type="event" maxOccurs="1" minOccurs="0"/&gt;   </pre>						

## Element actions / onerror

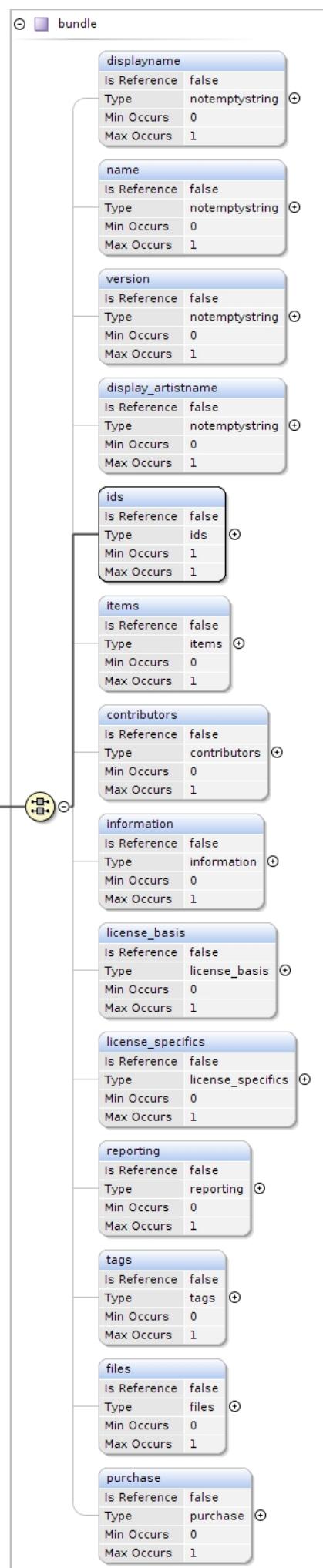
Namespace	No namespace
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Diagram	<pre> classDiagram     class event {         mailto         http         fax         letter         nothing     }     class onerror {         Is Reference false         Type event     }     event "0..∞" -- "0..∞" onerror     note over event: This element contains information about possible events and actions.   </pre>						
Type	event						
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	mailto* , http* , fax* , letter* , nothing{0,1}						
Children	fax, http, letter, mailto, nothing						
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;nothing&gt;{0,1}&lt;/nothing&gt; &lt;/onerror&gt;   </pre>						
Source	<pre> &lt;xsd:element name="onerror" type="event" maxOccurs="1" minOccurs="0" /&gt;   </pre>						

## Element feed / bundle

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

Diagram



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 'displayname' element highlighted in blue. It has three properties: 'Is Reference' set to 'false', and 'Type' set to 'notemptystring'. A line connects the element to a purple rounded rectangle labeled 'notemptystring' with a plus sign, indicating it is a valid type.</p>
Type	notemptystring
Properties	content: simple minOccurs: 0 maxOccurs: 1
Facets	minLength 1
Source	<code>&lt;xsd:element name="displayname" type="notemptystring" maxOccurs="1" minOccurs="0" /&gt;</code>

### Element bundle / name

Namespace	No namespace
Diagram	<p>The diagram shows the 'name' element highlighted in blue. It has three properties: 'Is Reference' set to 'false', and 'Type' set to 'notemptystring'. A line connects the element to a purple rounded rectangle labeled 'notemptystring' with a plus sign, indicating it is a valid type.</p>
Type	notemptystring
Properties	content: simple minOccurs: 0 maxOccurs: 1
Facets	minLength 1
Source	<code>&lt;xsd:element name="name" type="notemptystring" maxOccurs="1" minOccurs="0" /&gt;</code>

### Element bundle / version

Namespace	No namespace
Diagram	<p>The diagram shows the 'version' element highlighted in blue. It has three properties: 'Is Reference' set to 'false', and 'Type' set to 'notemptystring'. A line connects the element to a purple rounded rectangle labeled 'notemptystring' with a plus sign, indicating it is a valid type.</p>

Type	notemptystring	
Properties	content:	simple
	minOccurs:	0
	maxOccurs:	1
Facets	minLength	1
Source	<xsd:element name="version" type="notemptystring" maxOccurs="1" minOccurs="0" />	

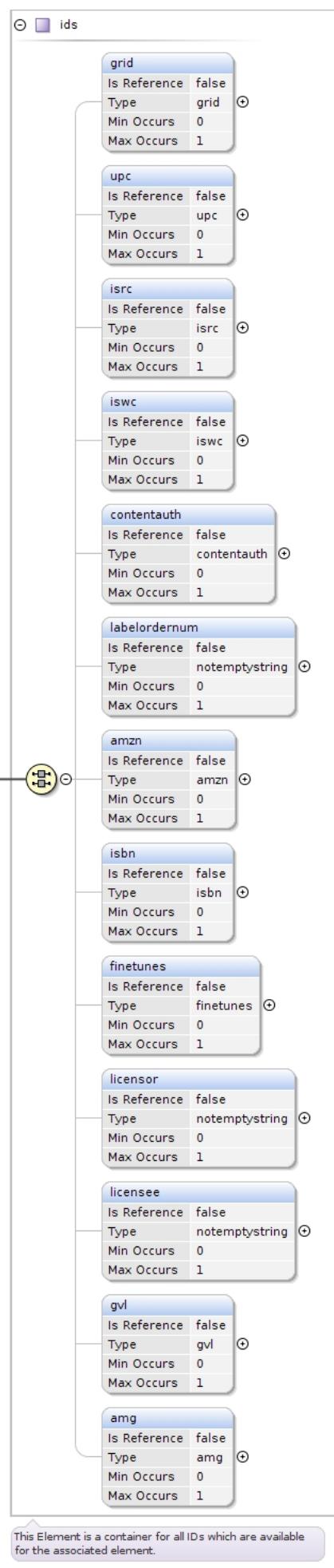
### Element bundle / display\_artistname

Namespace	No namespace
Diagram	
Type	notemptystring
Properties	content: simple
	minOccurs: 0
	maxOccurs: 1
Facets	minLength 1
Source	<xsd:element name="display_artistname" type="notemptystring" maxOccurs="1" minOccurs="0" />

### Element bundle / ids

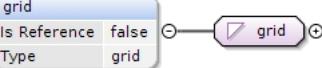
Namespace	No namespace
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Diagram

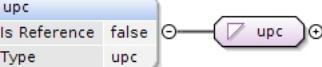


Type	ids
Properties	content: complex
Model	ALL(grid{0,1} upc{0,1} isrc{0,1} iswc{0,1} contentauth{0,1} labelordernum{0,1} amzn{0,1} isbn{0,1} finetunes{0,1} licensor{0,1} licensee{0,1} gvl{0,1} amg{0,1})
Children	amg, amzn, contentauth, finetunes, grid, gvl, isbn, isrc, iswc, labelordernum, licensee, 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;iswc&gt;{0,1}&lt;/iswc&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;amg&gt;{0,1}&lt;/amg&gt; &lt;/ids&gt;</pre>
Source	<code>&lt;xsd:element name="ids" type="ids" /&gt;</code>

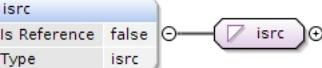
### Element ids / grid

Namespace	No namespace						
Diagram							
Type	grid						
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	minLength 18						
Source	<code>&lt;xsd:element name="grid" type="grid" maxOccurs="1" minOccurs="0" /&gt;</code>						

### Element ids / upc

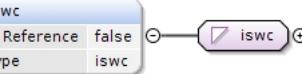
Namespace	No namespace						
Diagram							
Type	upc						
Properties	<table border="1"> <tr> <td>content:</td> <td>simple</td> </tr> <tr> <td>minOccurs:</td> <td>0</td> </tr> <tr> <td>maxOccurs:</td> <td>1</td> </tr> </table>	content:	simple	minOccurs:	0	maxOccurs:	1
content:	simple						
minOccurs:	0						
maxOccurs:	1						
Facets	pattern (\d{10,13})						
Source	<code>&lt;xsd:element name="upc" type="upc" maxOccurs="1" minOccurs="0" /&gt;</code>						

### Element ids / isrc

Namespace	No namespace				
Diagram					
Type	isrc				
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
Facets	minLength	1
	pattern	( [a-zA-Z]{2}(\-)?[0-9a-zA-Z]{3}(\-)?\d{2}(\-)?\d{5})
Source	<xsd:element name="isrc" type="isrc" maxOccurs="1" minOccurs="0"/>	

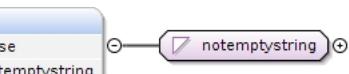
### Element **ids / iswc**

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

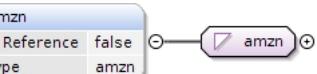
### Element **ids / contentauth**

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

### Element **ids / labelordernum**

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

### Element **ids / amzn**

Namespace	No namespace
Diagram	

Type	amzn
Properties	content: simple minOccurs: 0 maxOccurs: 1
Facets	minExclusive 0
Source	<xsd:element name="amzn" type="amzn" maxOccurs="1" minOccurs="0" />

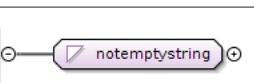
### Element ids / isbn

Namespace	No namespace
Diagram	
Type	isbn
Properties	content: simple minOccurs: 0 maxOccurs: 1
Facets	pattern (\d{1}-\d{5}-\d{3}-\d{1}  \d{1}-\d{3}-\d{5}-\d{1}  \d{1}-\d{2}-\d{6}-\d{1}  \d{3}-\d{1}-\d{6}-\d{2}- \d{1})
Source	<xsd:element name="isbn" type="isbn" maxOccurs="1" minOccurs="0" />

### Element ids / finetunes

Namespace	No namespace
Diagram	
Type	finetunes
Properties	content: simple minOccurs: 0 maxOccurs: 1
Facets	totalDigits 13 maxExclusive 2000000000000 minExclusive 1000000000000 pattern ([\+\-]?[0-9]+) & ([0-9]{13})
Source	<xsd:element name="finetunes" type="finetunes" maxOccurs="1" minOccurs="0" />

### Element ids / licensor

Namespace	No namespace
Diagram	
Type	notemptystring
Properties	content: simple minOccurs: 0 maxOccurs: 1
Facets	minLength 1

Source	<code>&lt;xsd:element name="licensor" type="notemptystring" maxOccurs="1" minOccurs="0" /&gt;</code>
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### Element ids / licensee

Namespace	No namespace						
Diagram	<pre> classDiagram     class licensee {         Is Reference : false         Type : notemptystring     }     licensee &lt; -- notemptystring   </pre>						
Type	notemptystring						
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>minLength</td><td>1</td></tr> </table>	minLength	1				
minLength	1						
Source	<code>&lt;xsd:element name="licensee" type="notemptystring" maxOccurs="1" minOccurs="0" /&gt;</code>						

### Element ids / gvl

Namespace	No namespace						
Diagram	<pre> classDiagram     class gvl {         Is Reference : false         Type : gvl     }     gvl &lt; -- gvl   </pre>						
Type	gvl						
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>minLength</td><td>8</td></tr> <tr><td>pattern</td><td>LC \d{5}</td></tr> </table>	minLength	8	pattern	LC \d{5}		
minLength	8						
pattern	LC \d{5}						
Source	<code>&lt;xsd:element name="gvl" type="gvl" maxOccurs="1" minOccurs="0" /&gt;</code>						

### Element ids / amg

Namespace	No namespace						
Diagram	<pre> classDiagram     class amg {         Is Reference : false         Type : amg     }     amg &lt; -- amg   </pre>						
Type	amg						
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>minLength</td><td>1</td></tr> </table>	minLength	1				
minLength	1						
Source	<code>&lt;xsd:element name="amg" type="amg" maxOccurs="1" minOccurs="0" /&gt;</code>						

### Element bundle / items

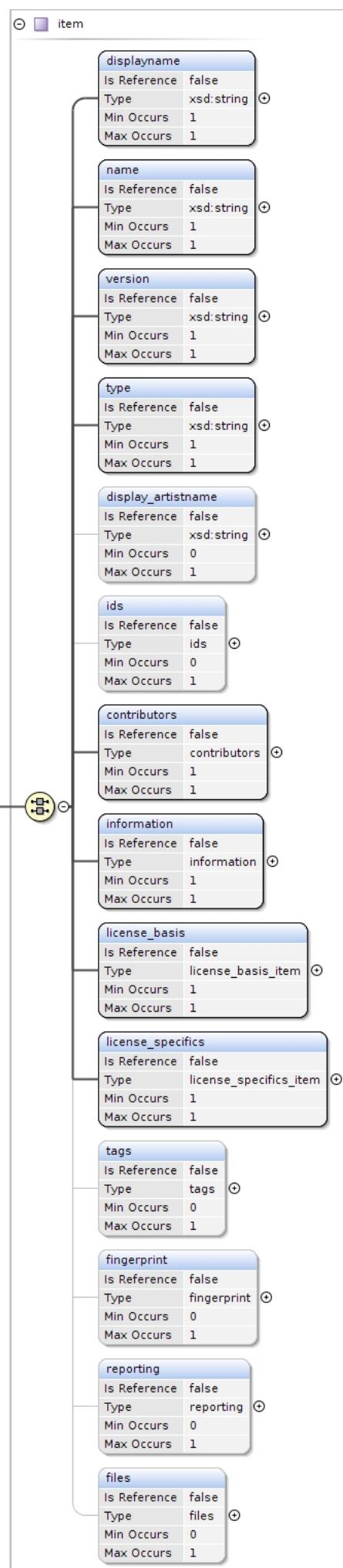
Namespace	No namespace
Diagram	<pre> classDiagram     class items {         Is Reference : false         Type : items     }     items "1..oo" --&gt; item     class item {         Is Reference : false         Type : item         Min Occurs : 1         Max Occurs : unbounded     }   </pre> <p>This element is a container for item-elements.</p>

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

## Element items / item

Namespace	No namespace
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Diagram



Type	item
Properties	<p>content: complex</p> <p>minOccurs: 1</p> <p>maxOccurs: unbounded</p>
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;   &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	<code>&lt;xsd:element name="item" type="item" maxOccurs="unbounded" minOccurs="1" /&gt;</code>

### Element item / displayname

Namespace	No namespace
Diagram	<p>The diagram shows the 'displayname' element connected to the 'xsd:string' type. A callout box indicates: '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 the 'name' element connected to the 'xsd:string' type. A callout box indicates: '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 the 'version' element connected to the 'xsd:string' type. A callout box indicates: '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 'Is Reference' set to 'false' and 'Type' set to 'xsd:string'. A line connects it to a purple rounded rectangle labeled 'xsd:string'. A tooltip below the connection 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>

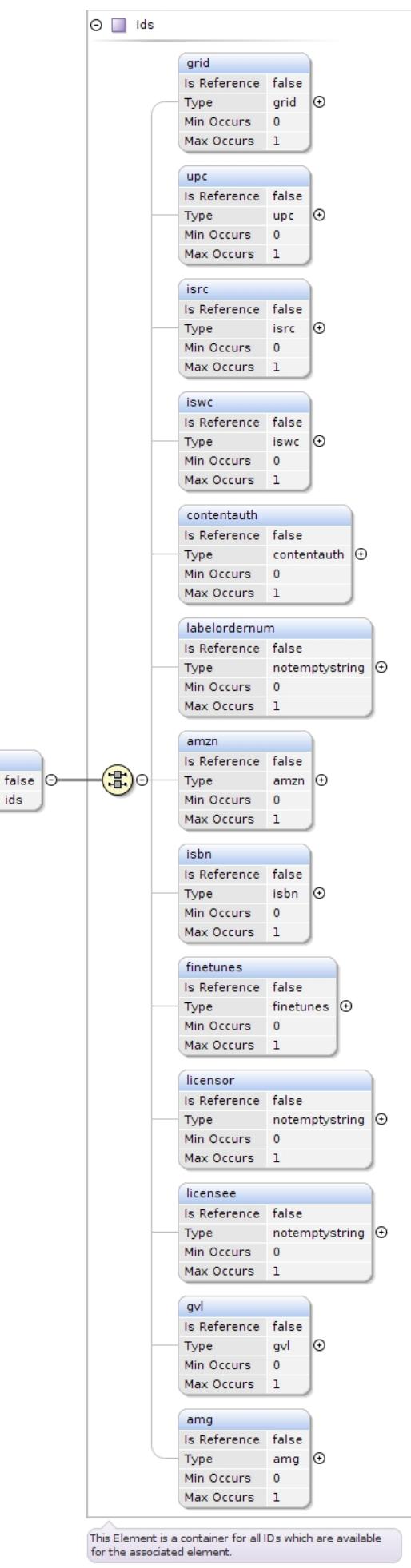
## Element item / display\_artistname

Namespace	No namespace
Diagram	<p>The diagram shows a box labeled 'display_artistname' with 'Is Reference' set to 'false' and 'Type' set to 'xsd:string'. A line connects it to a purple rounded rectangle labeled 'xsd:string'. A tooltip below the connection states: '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="display_artistname" type="xsd:string" maxOccurs="1" minOccurs="0" /&gt;</code>

## Element item / ids

Namespace	No namespace
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Diagram



Type	ids
Properties	<p>content: complex</p> <p>minOccurs: 0</p> <p>maxOccurs: 1</p>
Model	ALL(grid{0,1} upc{0,1} isrc{0,1} iswc{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} amg{0,1})
Children	amg, amzn, contentauth, finetunes, grid, gvl, isbn, isrc, iswc, 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;iswc&gt;{0,1}&lt;/iswc&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;amg&gt;{0,1}&lt;/amg&gt; &lt;/ids&gt;</pre>
Source	<xsd:element name="ids" type="ids" maxOccurs="1" minOccurs="0" />

## 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	<xsd:element name="contributors" type="contributors"/>

## Element contributors / contributor

Namespace	No namespace
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Diagram	<p>This element contains information of one contributor. A contributor can be a label, performer, texter, editor,...</p>										
Type	contributor										
Properties	content: complex minOccurs: 0 maxOccurs: unbounded										
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;   &lt;ids&gt;{1,1}&lt;/ids&gt;   &lt;www&gt;{0,1}&lt;/www&gt; &lt;/contributor&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	<code>&lt;xsd:element name="contributor" type="contributor" maxOccurs="unbounded" minOccurs="0" /&gt;</code>										

### Element contributor / name

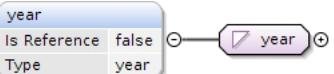
Namespace	No namespace
Diagram	
Type	notemptystring
Properties	content: simple
Facets	minLength 1

Source	<code>&lt;xsd:element name="name" type="notemptystring" /&gt;</code>
--------	--

## Element contributor / type

Namespace	No namespace
Diagram	
Type	contributorType
Properties	content: simple
Facets	enumeration label enumeration performer enumeration texter enumeration editor enumeration conductor enumeration orchestra enumeration display_artist enumeration singer enumeration composer enumeration mixer enumeration remixer enumeration producer enumeration author enumeration arranger enumeration featuring enumeration with enumeration DJ enumeration versus enumeration meets enumeration presents enumeration compilator enumeration copyright enumeration production enumeration publisher enumeration clearinghouse
Source	<code>&lt;xsd:element name="type" type="contributorType" /&gt;</code>

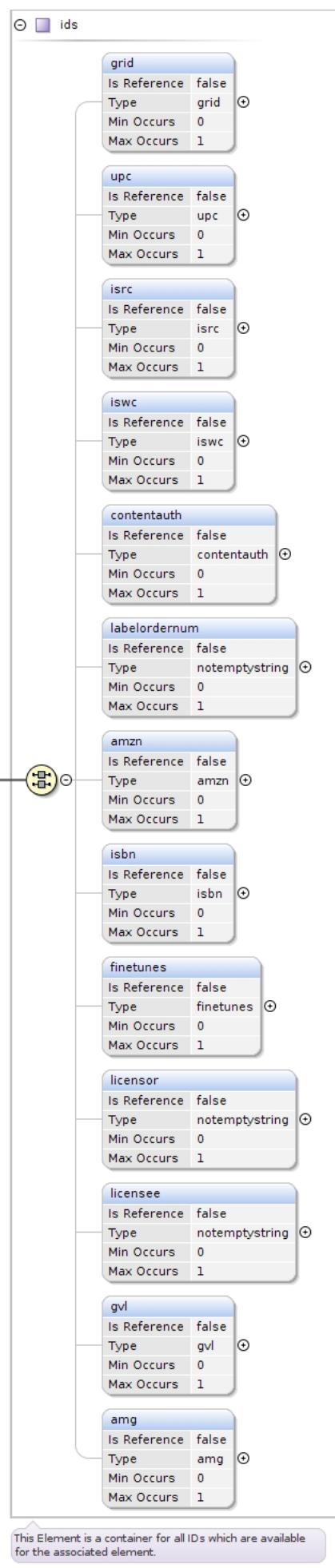
## Element contributor / year

Namespace	No namespace
Diagram	
Type	year
Properties	content: simple minOccurs: 0 maxOccurs: 1
Facets	totalDigits 4
Source	<code>&lt;xsd:element name="year" type="year" maxOccurs="1" minOccurs="0" /&gt;</code>

**Element contributor / ids**

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

Diagram



Type	ids
Properties	content: complex
Model	ALL(grid{0,1} upc{0,1} isrc{0,1} iswc{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} amg{0,1})
Children	amg, amzn, contentauth, finetunes, grid, gvl, isbn, isrc, iswc, 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;iswc&gt;{0,1}&lt;/iswc&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;amg&gt;{0,1}&lt;/amg&gt; &lt;/ids&gt;</pre>
Source	<xsd:element name="ids" type="ids" />

## Element contributor / www

Namespace	No namespace						
Diagram	<p>The diagram shows the 'www' element as a container for several other elements: facebook, myspace, homepage, twitter, blog, and phone. Each of these elements is of type 'publishable_url' and has a multiplicity of 0..5. A note at the bottom states: "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	facebook{0,1} , myspace{0,1} , homepage{0,5} , twitter{0,1} , blog{0,5} , phone{0,1}
Children	blog, 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;{0,5}&lt;/homepage&gt;   &lt;twitter publishable=""&gt;{0,1}&lt;/twitter&gt;   &lt;blog publishable=""&gt;{0,5}&lt;/blog&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	<pre> classDiagram     class facebook {         Is Reference : false         Type : publishable_url     }     class publishable_url {         Base Type : url     }     class url     class attributes {         @ publishable         Type : xsd:boolean     }      facebook --o publishable_url     publishable_url --o url     url --o attributes   </pre>										
Type	publishable_url										
Type hierarchy	<ul style="list-style-type: none"> <li>xsd:anyURI</li> <li>url</li> <li>publishable_url</li> </ul>										
Properties	<table> <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_url" maxOccurs="1" minOccurs="0" /&gt;</code>										

### Element www / myspace

Namespace	No namespace										
Diagram	<pre> classDiagram     class myspace {         Is Reference : false         Type : publishable_url     }     class publishable_url {         Base Type : url     }     class url     class attributes {         @ publishable         Type : xsd:boolean     }      myspace --o publishable_url     publishable_url --o url     url --o attributes   </pre>										
Type	publishable_url										
Type hierarchy	<ul style="list-style-type: none"> <li>xsd:anyURI</li> <li>url</li> <li>publishable_url</li> </ul>										
Properties	<table> <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="myspace" type="publishable_url" maxOccurs="1" minOccurs="0" /&gt;</code>
--------	--

## Element www / homepage

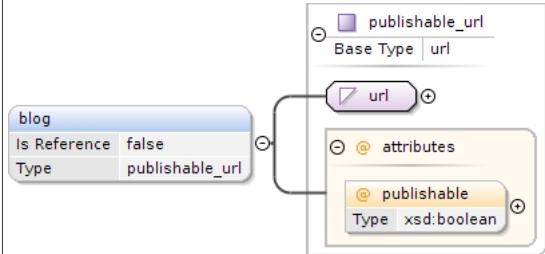
Namespace	No namespace										
Diagram	<pre> classDiagram     homepage &lt; -- publishable_url     publishable_url &lt; -- url     publishable_url &lt; -- @publishable : xsd:boolean   </pre>										
Type	publishable_url										
Type hierarchy	<ul style="list-style-type: none"> <li>xsd:anyURI</li> <li>url</li> <li>publishable_url</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>5</td> </tr> </table>	content:	complex	minOccurs:	0	maxOccurs:	5				
content:	complex										
minOccurs:	0										
maxOccurs:	5										
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="homepage" type="publishable_url" maxOccurs="5" minOccurs="0" /&gt;</code>										

## Element www / twitter

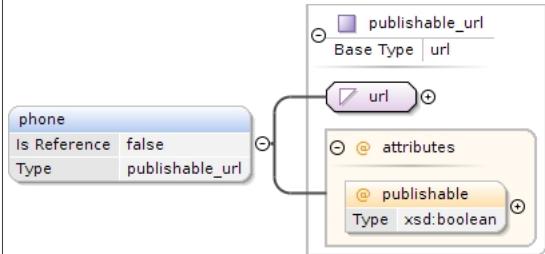
Namespace	No namespace										
Diagram	<pre> classDiagram     twitter &lt; -- publishable_url     publishable_url &lt; -- url     publishable_url &lt; -- @publishable : xsd:boolean   </pre>										
Type	publishable_url										
Type hierarchy	<ul style="list-style-type: none"> <li>xsd:anyURI</li> <li>url</li> <li>publishable_url</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										
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="twitter" type="publishable_url" maxOccurs="1" minOccurs="0" /&gt;</code>										

## Element www / blog

Namespace	No namespace
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Diagram											
Type	publishable_url										
Type hierarchy	<ul style="list-style-type: none"> <li>xsd:anyURI</li> <li>url</li> <li>publishable_url</li> </ul>										
Properties	<table> <tr> <td>content:</td> <td>complex</td> </tr> <tr> <td>minOccurs:</td> <td>0</td> </tr> <tr> <td>maxOccurs:</td> <td>5</td> </tr> </table>	content:	complex	minOccurs:	0	maxOccurs:	5				
content:	complex										
minOccurs:	0										
maxOccurs:	5										
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="blog" type="publishable_url" maxOccurs="5" minOccurs="0" /&gt;</code>										

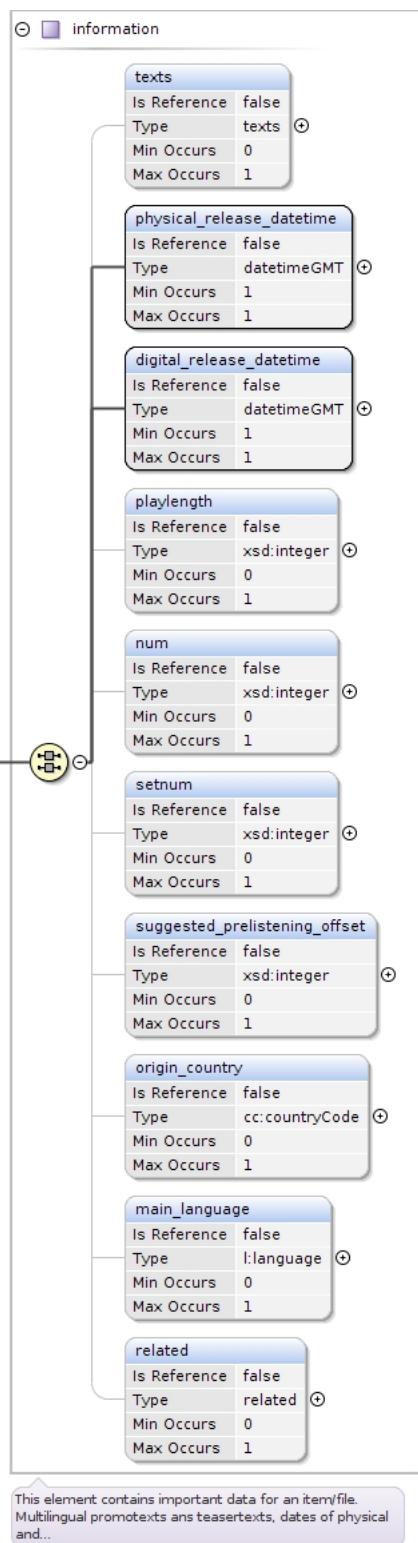
## Element www / phone

Namespace	No namespace										
Diagram											
Type	publishable_url										
Type hierarchy	<ul style="list-style-type: none"> <li>xsd:anyURI</li> <li>url</li> <li>publishable_url</li> </ul>										
Properties	<table> <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="phone" type="publishable_url" maxOccurs="1" minOccurs="0" /&gt;</code>										

## Element item / information

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

Diagram



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;</pre>

	<pre>&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	<code>&lt;xsd:element name="information" type="information"/&gt;</code>

## Element information / texts

Namespace	No namespace						
Diagram							
Type	texts						
Properties	<table> <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	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="texts" maxOccurs="1" minOccurs="0"/&gt;</code>						

## Element texts / promotext

Namespace	No namespace										
Diagram											
Type	promotext										
Properties	<table> <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>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	<code>&lt;xsd:element name="promotext" type="promotext" maxOccurs="unbounded" minOccurs="0"/&gt;</code>										

## Element texts / teasertext

Namespace	No namespace										
Diagram	<pre> graph LR     A[teasertext] --&gt; B[xsd:string]     B --&gt; C["Built-in primitive type. The string datatype represents character strings in XML."]     B --&gt; D[@ lang]     D --&gt; E[xsd:string]   </pre>										
Type	teasertext										
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>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:element name="teasertext" type="teasertext" maxOccurs="unbounded" minOccurs="0" /&gt;</pre>										

## Element information / physical\_release\_datetime

Namespace	No namespace		
Diagram	<pre> graph LR     A[physical_release_datetime] --&gt; B[datetimeGMT]   </pre>		
Type	datetimeGMT		
Properties	<table border="1"> <tr> <td>content:</td> <td>simple</td> </tr> </table>	content:	simple
content:	simple		
Facets	<table border="1"> <tr> <td>pattern</td> <td>\d{4}-\d{2}-\d{2} \d{2}:\d{2}:\d{2} GMT+\d{2}:\d{2}</td> </tr> </table>	pattern	\d{4}-\d{2}-\d{2} \d{2}:\d{2}:\d{2} GMT+\d{2}:\d{2}
pattern	\d{4}-\d{2}-\d{2} \d{2}:\d{2}:\d{2} GMT+\d{2}:\d{2}		
Source	<pre>&lt;xsd:element name="physical_release_datetime" type="datetimeGMT" /&gt;</pre>		

## Element information / digital\_release\_datetime

Namespace	No namespace		
Diagram	<pre> graph LR     A[digital_release_datetime] --&gt; B[datetimeGMT]   </pre>		
Type	datetimeGMT		
Properties	<table border="1"> <tr> <td>content:</td> <td>simple</td> </tr> </table>	content:	simple
content:	simple		
Facets	<table border="1"> <tr> <td>pattern</td> <td>\d{4}-\d{2}-\d{2} \d{2}:\d{2}:\d{2} GMT+\d{2}:\d{2}</td> </tr> </table>	pattern	\d{4}-\d{2}-\d{2} \d{2}:\d{2}:\d{2} GMT+\d{2}:\d{2}
pattern	\d{4}-\d{2}-\d{2} \d{2}:\d{2}:\d{2} GMT+\d{2}:\d{2}		
Source	<pre>&lt;xsd:element name="digital_release_datetime" type="datetimeGMT" /&gt;</pre>		

## Element information / playlength

Namespace	No namespace
Diagram	<pre> graph LR     A[playlength] --&gt; B[xsd:integer]     B --&gt; C["Built-in derived type. The integer datatype is derived from decimal by fixing the value of fractionDigits to 0. This..."]   </pre>
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	<pre> classDiagram     class num {         Is Reference : false         Type : xsd:integer     }     num "0..1" -- "1..1" xsd:integer     note over xsd:integer: Built-in derived type. The integer datatype is derived from decimal by fixing the value of fractionDigits to be 0. This...   </pre>
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	<pre> classDiagram     class setnum {         Is Reference : false         Type : xsd:integer     }     setnum "0..1" -- "1..1" xsd:integer     note over xsd:integer: Built-in derived type. The integer datatype is derived from decimal by fixing the value of fractionDigits to be 0. This...   </pre>
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	<pre> classDiagram     class suggested_prelistening_offset {         Is Reference : false         Type : xsd:integer     }     suggested_prelistening_offset "0..1" -- "1..1" xsd:integer     note over xsd:integer: Built-in derived type. The integer datatype is derived from decimal by fixing the value of fractionDigits to be 0. This...   </pre>
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	<pre> classDiagram     class origin_country {         Is Reference : false         Type : cc:countryCode     }     origin_country "0..1" -- "1..1" cc:countryCode     note over cc:countryCode: This element includes a list of ISO 3166-1 country codes.   </pre>
Type	countryCode
Properties	content: simple minOccurs: 0 maxOccurs: 1

Facets	enumeration	AF	Afghanistan
	enumeration	AX	Åland Islands
	enumeration	AL	Albania
	enumeration	DZ	Algeria
	enumeration	AS	American Samoa
	enumeration	AD	Andorra
	enumeration	AO	Angola
	enumeration	AI	Anguilla
	enumeration	AQ	Antarctica
	enumeration	AG	Antigua and Barbuda
	enumeration	AR	Argentina
	enumeration	AM	Armenia
	enumeration	AW	Aruba
	enumeration	AU	Australia
	enumeration	AT	Austria
	enumeration	AZ	Azerbaijan
	enumeration	BS	Bahamas
	enumeration	BH	Bahrain
	enumeration	BD	Bangladesh
	enumeration	BB	Barbados
	enumeration	BY	Belarus
	enumeration	BE	Belgium
	enumeration	BZ	Belize
	enumeration	BJ	Benin
	enumeration	BM	Bermuda
	enumeration	BT	Bhutan
	enumeration	BO	Bolivia, Plurinational State of
	enumeration	BQ	Bonaire, Sint Eustatius and Saba
	enumeration	BA	Bosnia and Herzegovina
	enumeration	BW	Botswana
	enumeration	BV	Bouvet Island
	enumeration	BR	Brazil
	enumeration	IO	British Indian Ocean Territory
	enumeration	BN	Brunei Darussalam
	enumeration	BG	Bulgaria
	enumeration	BF	Burkina Faso
	enumeration	BI	Burundi
	enumeration	KH	Cambodia
	enumeration	CM	Cameroon
	enumeration	CA	Canada
	enumeration	CV	Cape Verde
	enumeration	KY	Cayman Islands
	enumeration	CF	Central African Republic
	enumeration	TD	Chad
	enumeration	CL	Chile
	enumeration	CN	China
	enumeration	CX	Christmas Island
	enumeration	CC	Cocos (Keeling) Islands
	enumeration	CO	Colombia

enumeration	KM	Comoros
enumeration	CG	Congo
enumeration	CD	Congo, the Democratic Republic of the
enumeration	CK	Cook Islands
enumeration	CR	Costa Rica
enumeration	CI	Côte d'Ivoire
enumeration	HR	Croatia
enumeration	CU	Cuba
enumeration	CW	Curaçao
enumeration	CY	Cyprus
enumeration	CZ	Czech Republic
enumeration	DK	Denmark
enumeration	DJ	Djibouti
enumeration	DM	Dominica
enumeration	DO	Dominican Republic
enumeration	EC	Ecuador
enumeration	EG	Egypt
enumeration	SV	El Salvador
enumeration	GQ	Equatorial Guinea
enumeration	ER	Eritrea
enumeration	EE	Estonia
enumeration	ET	Ethiopia
enumeration	FK	Falkland Islands (Malvinas)
enumeration	FO	Faroe Islands
enumeration	FJ	Fiji
enumeration	FI	Finland
enumeration	FR	France
enumeration	GF	French Guiana
enumeration	PF	French Polynesia
enumeration	TF	French Southern Territories
enumeration	GA	Gabon
enumeration	GM	Gambia
enumeration	GE	Georgia
enumeration	DE	Germany
enumeration	GH	Ghana
enumeration	GI	Gibraltar
enumeration	GR	Greece
enumeration	GL	Greenland
enumeration	GD	Grenada
enumeration	GP	Guadeloupe
enumeration	GU	Guam
enumeration	GT	Guatemala
enumeration	GG	Guernsey
enumeration	GN	Guinea
enumeration	GW	Guinea-Bissau
enumeration	GY	Guyana
enumeration	HT	Haiti
enumeration	HM	Heard Island and McDonald Islands
enumeration	VA	Holy See (Vatican City State)

enumeration	HN	Honduras
enumeration	HK	Hong Kong
enumeration	HU	Hungary
enumeration	IS	Iceland
enumeration	IN	India
enumeration	ID	Indonesia
enumeration	IR	Iran, Islamic Republic of
enumeration	IQ	Iraq
enumeration	IE	Ireland
enumeration	IM	Isle of Man
enumeration	IL	Israel
enumeration	IT	Italy
enumeration	JM	Jamaica
enumeration	JP	Japan
enumeration	JE	Jersey
enumeration	JO	Jordan
enumeration	KZ	Kazakhstan
enumeration	KE	Kenya
enumeration	KI	Kiribati
enumeration	KP	Korea, Democratic People's Republic of
enumeration	KR	Korea, Republic of
enumeration	KW	Kuwait
enumeration	KG	Kyrgyzstan
enumeration	LA	Lao People's Democratic Republic
enumeration	LV	Latvia
enumeration	LB	Lebanon
enumeration	LS	Lesotho
enumeration	LR	Liberia
enumeration	LY	Libyan Arab Jamahiriya
enumeration	LI	Liechtenstein
enumeration	LT	Lithuania
enumeration	LU	Luxembourg
enumeration	MO	Macao
enumeration	MK	Macedonia, the former Yugoslav Republic of
enumeration	MG	Madagascar
enumeration	MW	Malawi
enumeration	MY	Malaysia
enumeration	MV	Maldives
enumeration	ML	Mali
enumeration	MT	Malta
enumeration	MH	Marshall Islands
enumeration	MQ	Martinique
enumeration	MR	Mauritania
enumeration	MU	Mauritius
enumeration	YT	Mayotte
enumeration	MX	Mexico
enumeration	FM	Micronesia, Federated States of
enumeration	MD	Moldova, Republic of
enumeration	MC	Monaco

enumeration	MN	Mongolia
enumeration	ME	Montenegro
enumeration	MS	Montserrat
enumeration	MA	Morocco
enumeration	MZ	Mozambique
enumeration	MM	Myanmar
enumeration	NA	Namibia
enumeration	NR	Nauru
enumeration	NP	Nepal
enumeration	NL	Netherlands
enumeration	NC	New Caledonia
enumeration	NZ	New Zealand
enumeration	NI	Nicaragua
enumeration	NE	Niger
enumeration	NG	Nigeria
enumeration	NU	Niue
enumeration	NF	Norfolk Island
enumeration	MP	Northern Mariana Islands
enumeration	NO	Norway
enumeration	OM	Oman
enumeration	PK	Pakistan
enumeration	PW	Palau
enumeration	PS	Palestinian Territory, Occupied
enumeration	PA	Panama
enumeration	PG	Papua New Guinea
enumeration	PY	Paraguay
enumeration	PE	Peru
enumeration	PH	Philippines
enumeration	PN	Pitcairn
enumeration	PL	Poland
enumeration	PT	Portugal
enumeration	PR	Puerto Rico
enumeration	QA	Qatar
enumeration	RE	Réunion
enumeration	RO	Romania
enumeration	RU	Russian Federation
enumeration	RW	Rwanda
enumeration	BL	Saint Barthélemy
enumeration	SH	Saint Helena, Ascension and Tristan da Cunha
enumeration	KN	Saint Kitts and Nevis
enumeration	LC	Saint Lucia
enumeration	MF	Saint Martin (French part)
enumeration	PM	Saint Pierre and Miquelon
enumeration	VC	Saint Vincent and the Grenadines
enumeration	WS	Samoa
enumeration	SM	San Marino
enumeration	ST	Sao Tome and Principe
enumeration	SA	Saudi Arabia
enumeration	SN	Senegal

enumeration	RS	Serbia
enumeration	SC	Seychelles
enumeration	SL	Sierra Leone
enumeration	SG	Singapore
enumeration	SX	Sint Maarten (Dutch part)
enumeration	SK	Slovakia
enumeration	SI	Slovenia
enumeration	SB	Solomon Islands
enumeration	SO	Somalia
enumeration	ZA	South Africa
enumeration	GS	South Georgia and the South Sandwich Islands
enumeration	SS	South Sudan
enumeration	ES	Spain
enumeration	LK	Sri Lanka
enumeration	SD	Sudan
enumeration	SR	Suriname
enumeration	SJ	Svalbard and Jan Mayen
enumeration	SZ	Swaziland
enumeration	SE	Sweden
enumeration	CH	Switzerland
enumeration	SY	Syrian Arab Republic
enumeration	TW	Taiwan, Province of China
enumeration	TJ	Tajikistan
enumeration	TZ	Tanzania, United Republic of
enumeration	TH	Thailand
enumeration	TL	Timor-Leste
enumeration	TG	Togo
enumeration	TK	Tokelau
enumeration	TO	Tonga
enumeration	TT	Trinidad and Tobago
enumeration	TN	Tunisia
enumeration	TR	Turkey
enumeration	TM	Turkmenistan
enumeration	TC	Turks and Caicos Islands
enumeration	TV	Tuvalu
enumeration	UG	Uganda
enumeration	UA	Ukraine
enumeration	AE	United Arab Emirates
enumeration	GB	United Kingdom
enumeration	US	United States
enumeration	UM	United States Minor Outlying Islands
enumeration	UY	Uruguay
enumeration	UZ	Uzbekistan
enumeration	VU	Vanuatu
enumeration	VE	Venezuela, Bolivarian Republic of
enumeration	VN	Viet Nam
enumeration	VG	Virgin Islands, British
enumeration	VI	Virgin Islands, U.S.
enumeration	WF	Wallis and Futuna

	enumeration	WW	WorldWide
	enumeration	EH	Western Sahara
	enumeration	YE	Yemen
	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	<pre> classDiagram     class main_language {         &lt;&lt;Is Reference: false&gt;&gt;         &lt;&lt;Type: l:language&gt;&gt;     }     main_language "1" -- "0..1" l:language     l:language &lt;&lt;This element includes a list of ISO 639-1 language codes.&gt;&gt;   </pre>		
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	se	Sami (Northern)
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

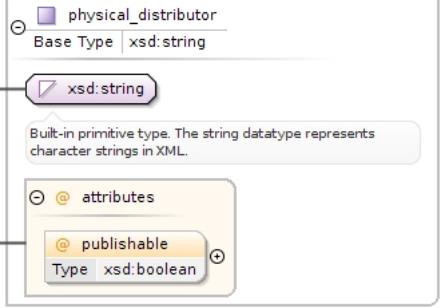
	enumeration	vi	Vietnamese
	enumeration	vo	Volapuk
	enumeration	wo	Wolof
	enumeration	xh	Xhosa
	enumeration	yi	Yiddish
	enumeration	yo	Yoruba
	enumeration	za	Zhuang
	enumeration	zh	Chinese
	enumeration	zu	Zulu
Source	<xsd:element name="main_language" type="l:language" maxOccurs="1" minOccurs="0" />		

## Element information / related

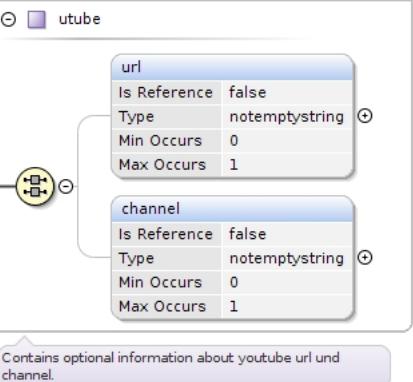
Namespace	No namespace						
Diagram	<pre> classDiagram     class related {         &lt;&lt;This element contains informations of bundles which are related to the bundle of the actual feed. It may includes one...&gt;&gt;     }     class physical_distributor {         Is Reference: false         Type: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

## Element related / physical\_distributor

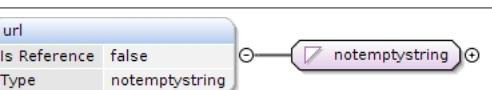
Namespace	No namespace
-----------	--------------

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	<code>&lt;xsd:element name="physical_distributor" type="physical_distributor" maxOccurs="unbounded" minOccurs="0" /&gt;</code>										

### Element related / utube

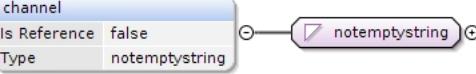
Namespace	No namespace						
Diagram							
Type	utube						
Properties	<table border="1"> <tr> <td>content:</td> <td>complex</td> </tr> <tr> <td>minOccurs:</td> <td>0</td> </tr> <tr> <td>maxOccurs:</td> <td>1</td> </tr> </table>	content:	complex	minOccurs:	0	maxOccurs:	1
content:	complex						
minOccurs: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

### Element utube / url

Namespace	No namespace
Diagram	
Type	notemptystring
Properties	content: simple

	minOccurs:	0
	maxOccurs:	1
Facets	minLength	1
Source	<xsd:element name="url" type="notemptystring" maxOccurs="1" minOccurs="0" />	

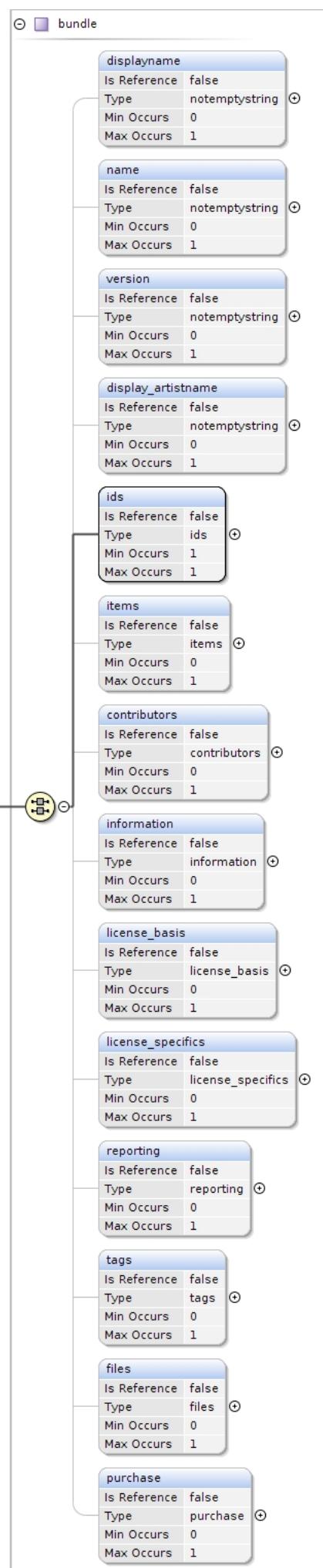
## Element utube / channel

Namespace	No namespace						
Diagram							
Type	notemptystring						
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	minLength 1						
Source	<xsd:element name="channel" type="notemptystring" maxOccurs="1" minOccurs="0" />						

## Element related / bundle

Namespace	No namespace
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Diagram



Type	bundle
Properties	<p>content: complex</p> <p>minOccurs: 0</p> <p>maxOccurs: unbounded</p>
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>

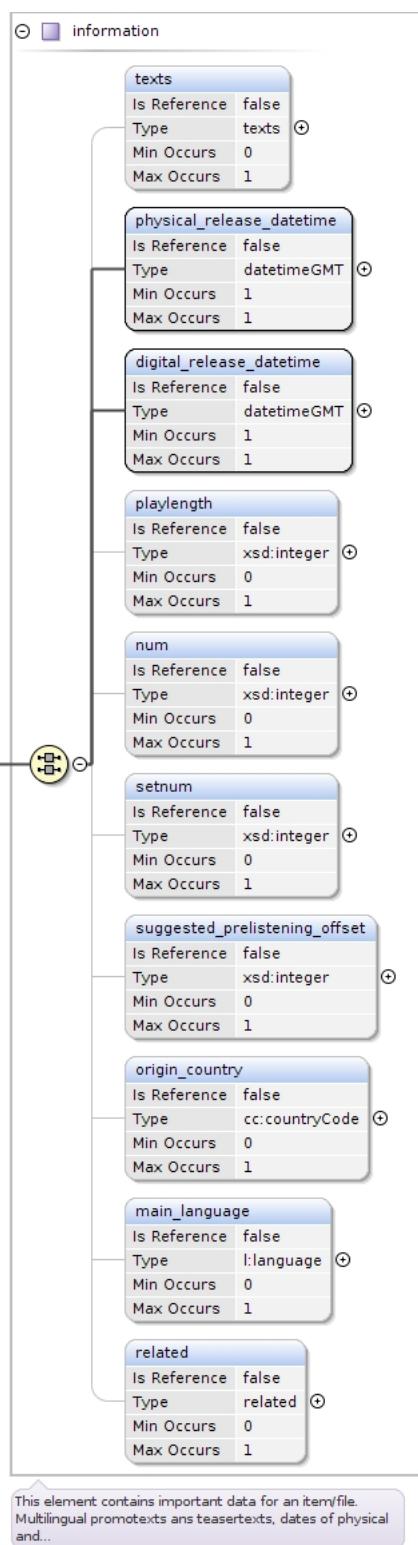
## Element bundle / contributors

Namespace	No namespace
Diagram	<pre> classDiagram     class contributors {         Is Reference : false         Type : contributors     }     class contributor {         Is Reference : false         Type : contributor         Min Occurs : 0         Max Occurs : unbounded     }     contributors "0..∞" -- "1" contributor     </pre>
Type	contributors
Properties	<p>content: complex</p> <p>minOccurs: 0</p> <p>maxOccurs: 1</p>
Model	contributor*
Children	contributor
Instance	<pre>&lt;contributors&gt;   &lt;contributor num=""&gt;{0,unbounded}&lt;/contributor&gt; &lt;/contributors&gt;</pre>
Source	<code>&lt;xsd:element name="contributors" type="contributors" maxOccurs="1" minOccurs="0" /&gt;</code>

## Element bundle / information

Namespace	No namespace
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Diagram



Type	information
Properties	<p>content: complex</p> <p>minOccurs: 0</p> <p>maxOccurs: 1</p>
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; -- territorial     timeframe &lt; -- timeframe     pricing &lt; -- pricing     streaming_allowed &lt; -- streaming_allowed     channels &lt; -- channels     territorial --o territorial     timeframe --o timeframe     pricing --o pricing     streaming_allowed --o streaming_allowed     channels --o channels     territorial "2..3"     timeframe "2..3"     pricing "2..3"     streaming_allowed "2..3"     channels "2..3" } note over license_basis: This element includes the basic rules and information under which this bundle is provided. The optional element... </pre>						
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
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Diagram	<p>The diagram shows a class named 'territorial' with a multiplicity of 0..∞. It has a reference relationship to another 'territorial' element. A note states: 'This Element is a container for territories. There should be an 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	<pre>&lt;xsd:element name="territorial" type="territorial" maxOccurs="1" minOccurs="0" /&gt;</pre>						

### Element territorial / territory

Namespace	No namespace										
Diagram	<p>The diagram shows a class named 'territory' with a reference relationship to 'cc:countryCode'. A note states: 'This element includes a list of ISO 3166-1 country codes.' Another note states: 'A territory includes one country code and the required attribute "type". Type can be "allow" or "disallow" and tells...'.</p>										
Type	territory										
Type hierarchy	<ul style="list-style-type: none"> <li>xsd:string           <ul style="list-style-type: none"> <li>countryCode</li> <li>territory</li> </ul> </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>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="territory" maxOccurs="unbounded" minOccurs="0" /&gt;</pre>										

### Element license\_basis / timeframe

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

### Element timeframe / from

Namespace	No namespace		
Diagram	<pre> classDiagram     class timeframe {         &lt;&lt;timeframe&gt;&gt;         &lt;&lt;Is Reference: false, Type: datetimeGMT&gt;&gt;         from : datetimeGMT     }     from &lt;--&gt; to   </pre>		
Type	datetimeGMT		
Properties	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="padding: 2px;">content:</td><td style="padding: 2px;">simple</td></tr> </table>	content:	simple
content:	simple		
Facets	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="padding: 2px;">pattern</td><td style="padding: 2px;">\d{4}-\d{2}-\d{2} \d{2}:\d{2}:\d{2}</td></tr> </table>	pattern	\d{4}-\d{2}-\d{2} \d{2}:\d{2}:\d{2}
pattern	\d{4}-\d{2}-\d{2} \d{2}:\d{2}:\d{2}		
Source	<xsd:element name="from" type="datetimeGMT"/>		

### Element timeframe / to

Namespace	No namespace		
Diagram	<pre> classDiagram     class timeframe {         &lt;&lt;timeframe&gt;&gt;         &lt;&lt;Is Reference: false, Type: datetimeGMT&gt;&gt;         to : datetimeGMT     }     from &lt;--&gt; to   </pre>		
Type	datetimeGMT		
Properties	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="padding: 2px;">content:</td><td style="padding: 2px;">simple</td></tr> </table>	content:	simple
content:	simple		
Facets	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="padding: 2px;">pattern</td><td style="padding: 2px;">\d{4}-\d{2}-\d{2} \d{2}:\d{2}:\d{2}</td></tr> </table>	pattern	\d{4}-\d{2}-\d{2} \d{2}:\d{2}:\d{2}
pattern	\d{4}-\d{2}-\d{2} \d{2}:\d{2}:\d{2}		
Source	<xsd:element name="to" type="datetimeGMT"/>		

### Element license\_basis / pricing

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

Diagram	<pre> classDiagram     class pricing {         &lt;&lt;pricing&gt;&gt;         Is Reference: false         Type: pricing     }     class pricecode {         &lt;&lt;pricecode&gt;&gt;         Is Reference: false         Type: xsd:string         Min Occurs: 0         Max Occurs: 1     }     class wholesale {         &lt;&lt;wholesale&gt;&gt;         Is Reference: false         Type: xsd:string         Min Occurs: 0         Max Occurs: 1     }     pricing "2" --&gt; "1" pricecode     pricing "2" --&gt; "1" wholesale   </pre> <p>Pricecode is an arbitrary-info. An explicitly given wholesale-price overrides the basic pricecode-given-wp. Most...</p>						
Type	pricing						
Properties	<table> <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(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	<pre> classDiagram     class pricecode {         &lt;&lt;pricecode&gt;&gt;         Is Reference: false         Type: xsd:string     }     class xsdstring {         &lt;&lt;xsd:string&gt;&gt;     }     pricecode "2" --&gt; "1" xsdstring   </pre> <p>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	<xsd:element name="pricecode" type="xsd:string" maxOccurs="1" minOccurs="0"/>						

### Element pricing / wholesale

Namespace	No namespace						
Diagram	<pre> classDiagram     class wholesale {         &lt;&lt;wholesale&gt;&gt;         Is Reference: false         Type: xsd:string     }     class xsdstring {         &lt;&lt;xsd:string&gt;&gt;     }     wholesale "2" --&gt; "1" xsdstring   </pre> <p>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	<xsd:element name="wholesale" type="xsd:string" maxOccurs="1" minOccurs="0"/>						

### Element license\_basis / streaming\_allowed

Namespace	No namespace
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Diagram	<p>streaming_allowed Is Reference: false Type: xsd:boolean</p> <p>xsd:boolean Built-in primitive type. It defines the boolean values true and false.</p>
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 / channels

Namespace	No namespace
Diagram	<p>channels Is Reference: false Type: channels</p> <p>channel Is Reference: false Type: channel Min Occurs: 0 Max Occurs: unbounded</p> <p>This element is a container for channels which can be either "all", "ad supported", "premium" or "ringtones".</p>
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 channels / channel

Namespace	No namespace										
Diagram	<p>channel Is Reference: false Type: channel</p> <p>xsd:string Built-in primitive type. The string datatype represents character strings in XML.</p> <p>attributes</p> <p>@ type Type allowance</p> <p>A channels can be either "all", "ad supported", "premium" or "ringtones". The required attribute "type" regards to the...</p>										
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

```
<xsd:element name="channel" type="channel" maxOccurs="unbounded" minOccurs="0" />
```

## Element bundle / license\_specifics

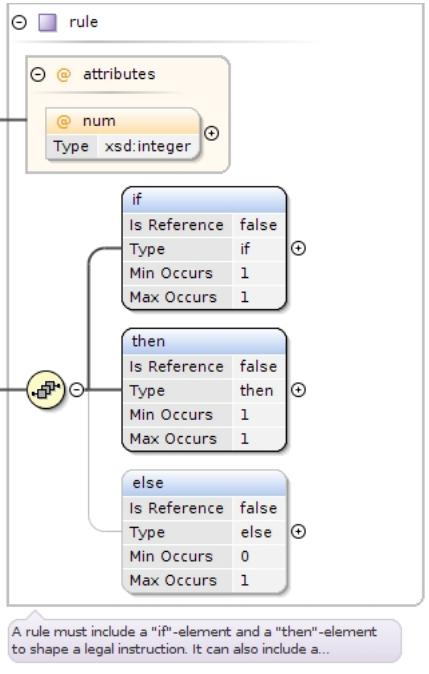
Namespace	No namespace								
Diagram	<p>The diagram shows a class named 'license_specifics' with an association to another class named 'rules'. The 'rules' class has the following properties:</p> <table border="1"> <tr> <td>Is Reference</td><td>false</td> </tr> <tr> <td>Type</td><td>rules</td> </tr> <tr> <td>Min Occurs</td><td>0</td> </tr> <tr> <td>Max Occurs</td><td>1</td> </tr> </table> <p>A callout bubble indicates: "This element includes specific rules which should be applied."</p>	Is Reference	false	Type	rules	Min Occurs	0	Max Occurs	1
Is Reference	false								
Type	rules								
Min Occurs	0								
Max Occurs	1								
Type	license_specifics								
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(rules{0,1})								
Children	rules								
Instance	<license_specifics>   <rules>{0,1}</rules> </license_specifics>								
Source	<xsd:element name="license_specifics" type="license_specifics" maxOccurs="1" minOccurs="0" />								

## Element license\_specifics / rules

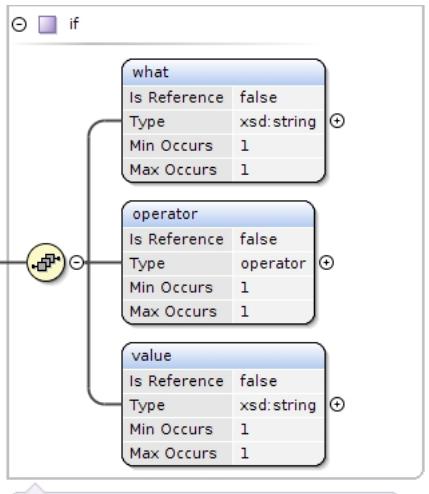
Namespace	No namespace								
Diagram	<p>The diagram shows a class named 'rules' with multiple associations to another class named 'rule'. The 'rule' class has the following properties:</p> <table border="1"> <tr> <td>Is Reference</td><td>false</td> </tr> <tr> <td>Type</td><td>rule</td> </tr> <tr> <td>Min Occurs</td><td>0</td> </tr> <tr> <td>Max Occurs</td><td>unbounded</td> </tr> </table> <p>A callout bubble indicates: "This element is a container for rules. It needs an ordered mode here - first come first match."</p>	Is Reference	false	Type	rule	Min Occurs	0	Max Occurs	unbounded
Is Reference	false								
Type	rule								
Min Occurs	0								
Max Occurs	unbounded								
Type	rules								
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	rule*								
Children	rule								
Instance	<rules>   <rule num="">{0,unbounded}</rule> </rules>								
Source	<xsd:element name="rules" type="rules" maxOccurs="1" minOccurs="0" />								

## Element rules / rule

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

Diagram	 <p>A rule must include a "if"-element and a "then"-element to shape a legal instruction. It can also include a...</p>										
Type	rule										
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	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" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 25%;">QName</th><th style="width: 25%;">Type</th><th style="width: 15%;">Fixed</th><th style="width: 15%;">Default</th><th style="width: 10%;">Use</th></tr> </thead> <tbody> <tr> <td style="padding: 2px;">num</td><td style="padding: 2px;">xsd:integer</td><td style="padding: 2px;"></td><td style="padding: 2px;"></td><td style="padding: 2px;">optional</td></tr> </tbody> </table>	QName	Type	Fixed	Default	Use	num	xsd:integer			optional
QName	Type	Fixed	Default	Use							
num	xsd:integer			optional							
Source	<code>&lt;xsd:element name="rule" type="rule" maxOccurs="unbounded" minOccurs="0" /&gt;</code>										

## Element rule / if

Namespace	No namespace
Diagram	 <p>This element must be the first element in a rule. It includes the information what is affected by the rule, an operator...</p>

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-bordered box labeled 'what'. To its right is a purple-bordered box labeled 'xsd:string'. A line connects them. Below the boxes is a note: '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-bordered box labeled 'operator'. To its right is another blue-bordered box labeled 'operator'. A line connects them.</p>										
Type	operator										
Properties	content: simple										
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										
Source	<code>&lt;xsd:element name="operator" type="operator"/&gt;</code>										

### Element if / value

Namespace	No namespace
Diagram	<p>The diagram shows a blue-bordered box labeled 'value'. To its right is a purple-bordered box labeled 'xsd:string'. A line connects them. Below the boxes is a note: '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	<pre> classDiagram     class then {         &lt;&lt;then&gt;&gt;         Is Reference false         Type then     }     class proclaim {         &lt;&lt;proclaim&gt;&gt;         Is Reference false         Type proclaim     }     class echo {         &lt;&lt;echo&gt;&gt;         Is Reference false         Type xsd:string     }     class break {         &lt;&lt;break&gt;&gt;         Is Reference false         Min Occurs 0         Max Occurs 1     }     then "0..&gt;" -- "*" proclaim     then "0..&gt;" -- "*" echo     then "0..&gt;" -- "*" break     note over proclaim, echo, break: This element must be the second in a rule and includes information "echo" for debugging output and can include an...   </pre>
Type	then
Properties	content: complex
Model	proclaim*, echo{0,1} , break{0,1}
Children	break, echo, proclaim
Instance	<pre> &lt;then&gt;   &lt;proclaim&gt;{0,unbounded}&lt;/proclaim&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 / proclaim

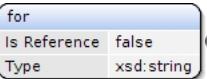
Namespace	No namespace
Diagram	<pre> classDiagram     class proclaim {         &lt;&lt;proclaim&gt;&gt;         Is Reference false         Type proclaim     }     class what {         &lt;&lt;what&gt;&gt;         Is Reference false         Type xsd:string         Min Occurs 1         Max Occurs 1     }     class for {         &lt;&lt;for&gt;&gt;         Is Reference false         Type xsd:string         Min Occurs 1         Max Occurs 1     }     proclaim "0..&gt;" -- "*" what     proclaim "0..&gt;" -- "*" for     note over what, for: This element includes the information what is affected and the corresponding value.   </pre>
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	<xsd:element name="proclaim" type="proclaim" maxOccurs="unbounded" minOccurs="0"/>

### Element proclaim / what

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

Diagram	
Type	xsd:string
Properties	content: simple
Source	<code>&lt;xsd:element name="what" type="xsd:string" /&gt;</code>

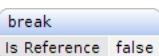
### Element proclaim / for

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

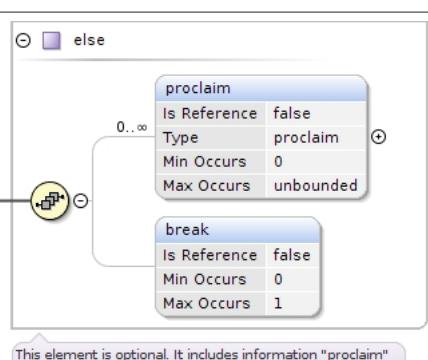
### Element then / echo

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

### Element then / break

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

### Element rule / else

Namespace	No namespace
Diagram	

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	<code>&lt;xsd:element name="else" type="else" maxOccurs="1" minOccurs="0"/&gt;</code>

### Element else / proclaim

Namespace	No namespace
Diagram	
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	<code>&lt;xsd:element name="proclaim" type="proclaim" maxOccurs="unbounded" minOccurs="0"/&gt;</code>

### Element else / break

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

### Element bundle / reporting

Namespace	No namespace
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Diagram	<pre> classDiagram     class reporting {         &lt;&gt; realtime         &lt;&gt; postponed     }     realtime &lt; -- reporting     postponed &lt; -- reporting     </pre>						
Type	reporting						
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(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> classDiagram     class realtime {         &lt;&gt; http     }     http &lt; -- realtime     </pre>		
Type	realtime		
Properties	<table border="1"> <tr> <td>content:</td> <td>complex</td> </tr> </table>	content:	complex
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> classDiagram     class http {         &lt;&lt;action&gt;&gt;         &lt;&lt;url&gt;&gt;         &lt;&lt;type&gt;&gt;         &lt;&lt;addheader&gt;&gt;         &lt;&lt;addparams&gt;&gt;     }     http &lt; -- action     http &lt; -- url     http &lt; -- type     http &lt; -- addheader     http &lt; -- 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	<pre> classDiagram     class postponed {         &lt;&lt;id&gt;&gt;     }     postponed &lt; -- action     </pre> <p>This element contains some info on reporting when doing the "usual" time-gap-reporting. Id is a ID of a reporting or...</p>
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	<p>The diagram shows the 'id' element with its properties: Is Reference: false, Type: xsd:string. A link connects it to the xsd:string primitive type. A tooltip states: 'Built-in primitive type. The string datatype represents character strings in XML.'</p>
Type	xsd:string
Properties	content: simple
Source	<xsd:element name="id" type="xsd:string"/>

## Element bundle / tags

Namespace	No namespace
Diagram	<p>The diagram shows the 'tags' element with its properties: Is Reference: false, Type: tags. It has six child elements: genres, bundle_only, explicit_lyrics, live, acoustic, and instrumental. A tooltip states: 'This element contains information about genres and more.'</p>
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	<code>&lt;xsd:element name="tags" type="tags" maxOccurs="1" minOccurs="0" /&gt;</code>
--------	--

## Element tags / genres

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

## Element genres / genre

Namespace	No namespace																																						
Diagram	<pre> classDiagram     class genre {         &lt;&lt;This element includes a list of openSDX-genres.&gt;&gt;     }     genre "0..infinity" --&gt; "0..infinity" g:genre   </pre>																																						
Type	genre																																						
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>unbounded</td> </tr> </table>	content:	simple	minOccurs:	0	maxOccurs:	unbounded																																
content:	simple																																						
minOccurs:	0																																						
maxOccurs:	unbounded																																						
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																																						
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enumeration	Rock'n'Roll																																						
enumeration	Art Rock																																						
enumeration	Classic Rock																																						
enumeration	Deutschrock																																						
enumeration	Emo																																						
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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 / Volksmusik
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	Ancient music
enumeration	Medieval music

enumeration	Renaissance
enumeration	Baroque
enumeration	Classical period
enumeration	Romantic
enumeration	Neoromanticism
enumeration	Neoclassicism
enumeration	New Music / Contemporary Music
enumeration	Modern, 20th / 21st Century
enumeration	Postmodern Music
enumeration	Music and other Media / Arts
enumeration	Music and Word
enumeration	12-Tone Composition
enumeration	Anthem
enumeration	Ballet
enumeration	Cantata
enumeration	Chamber Music
enumeration	Choral
enumeration	Crossover / Popular Classicism
enumeration	Electronic Music / Computer Music
enumeration	Madrigal
enumeration	March
enumeration	Minimal Music
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	Serialism
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	Bass
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	Enka
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 & Entrepeneurship
enumeration	Children's Audiobooks
enumeration	Popular Characters
enumeration	Animal Stories
enumeration	Children's Book Classics
enumeration	Children's 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	Literature
enumeration	Novels
enumeration	Erotica
enumeration	Romance
enumeration	Contemporary Literature
enumeration	Contemporary German Literature
enumeration	Entertainment
enumeration	Youth
enumeration	Youth Detective Stories
enumeration	Fantasy
enumeration	For Girls
enumeration	Knowledge for Teenagers
enumeration	Mystery
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	South Sudan (SS)
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)
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### Element tags / bundle\_only

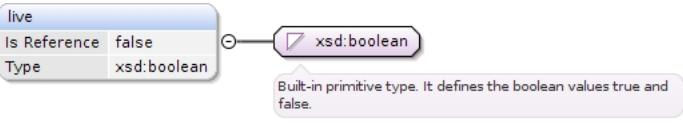
Namespace	No namespace						
Diagram	<p>The diagram shows a reference to the <code>xsd:boolean</code> type. A tooltip for <code>xsd:boolean</code> states: "Built-in primitive type. It defines the boolean values true and false."</p>						
Type	<code>xsd:boolean</code>						
Properties	<table> <tr> <td>content:</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="bundle_only" type="xsd:boolean" maxOccurs="1" minOccurs="0" /&gt;</code>						

### Element tags / explicit\_lyrics

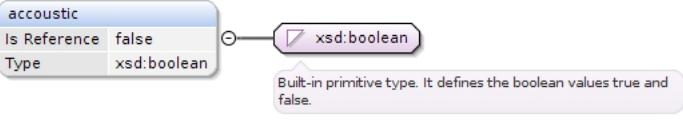
Namespace	No namespace						
Diagram							
Type	<code>explicitLyrics</code>						
Properties	<table> <tr> <td>content:</td> <td>simple</td> </tr> <tr> <td>minOccurs:</td> <td>0</td> </tr> <tr> <td>maxOccurs:</td> <td>1</td> </tr> </table>	content:	simple	minOccurs:	0	maxOccurs:	1
content:	simple			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

### Element tags / live

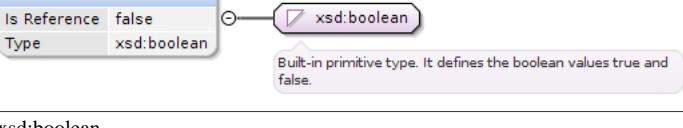
Namespace	No namespace
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Diagram							
Type	xsd:boolean						
Properties	<table border="1"> <tr> <td>content:</td> <td>simple</td> </tr> <tr> <td>minOccurs:</td> <td>0</td> </tr> <tr> <td>maxOccurs:</td> <td>1</td> </tr> </table>	content:	simple	minOccurs: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

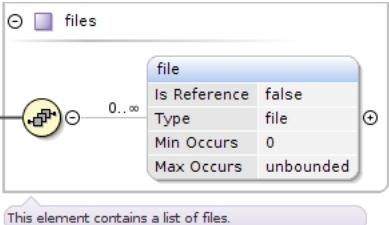
### Element tags / accoustic

Namespace	No namespace						
Diagram							
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="accoustic" type="xsd:boolean" maxOccurs="1" minOccurs="0" />						

### Element tags / instrumental

Namespace	No namespace						
Diagram							
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="instrumental" type="xsd:boolean" maxOccurs="1" minOccurs="0" />						

### Element bundle / files

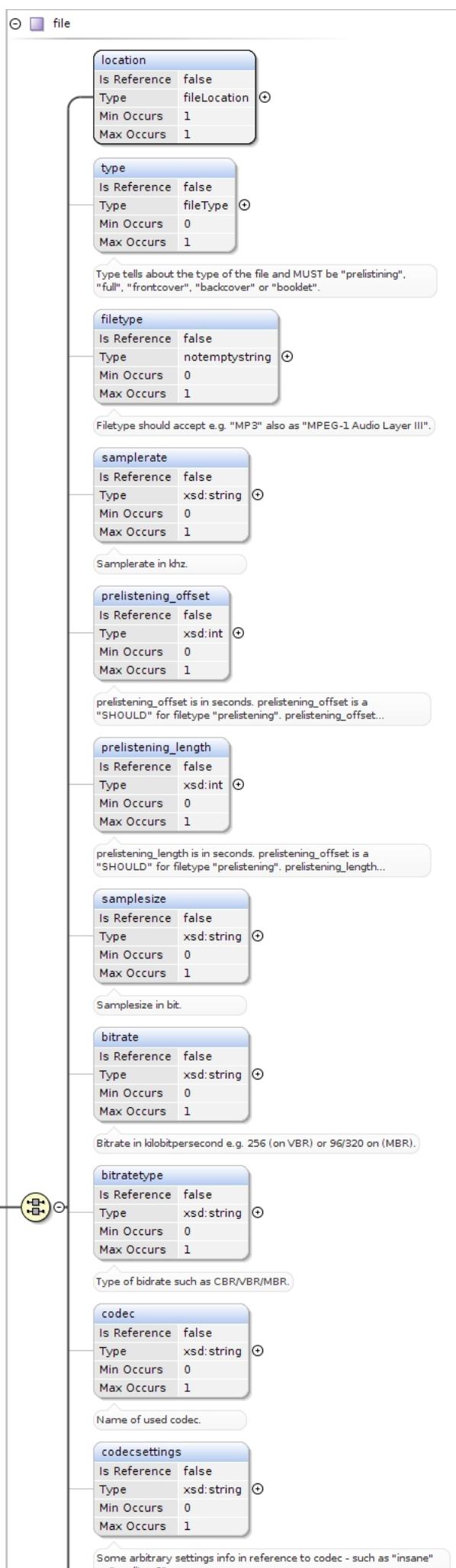
Namespace	No namespace						
Diagram							
Type	files						
Properties	<table border="1"> <tr> <td>content:</td> <td>complex</td> </tr> <tr> <td>minOccurs:</td> <td>0</td> </tr> <tr> <td>maxOccurs:</td> <td>1</td> </tr> </table>	content:	complex	minOccurs:	0	maxOccurs:	1
content:	complex						
minOccurs:	0						
maxOccurs:	1						
Model	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	<p>content: complex</p> <p>minOccurs: 0</p> <p>maxOccurs: unbounded</p>
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} no_file_given{0,1} comment{0,1})
Children	bitrate, bitratetype, bytes, channels, checksums, codec, codecsettings, comment, decryptinfo, dimension, filetype, location, no_file_given, 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;no_file_given&gt;{0,1}&lt;/no_file_given&gt;   &lt;comment&gt;{0,1}&lt;/comment&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	<p>The diagram illustrates the schema structure for the <code>fileLocation</code> element. It shows a class named <code>fileLocation</code> which has four associations: <code>origin_file</code>, <code>http</code>, <code>ftp</code>, and <code>path</code>. Each association is marked with a multiplicity of 0..1 at both ends. A callout box provides a detailed description of the <code>fileLocation</code> element:</p> <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(origin_file{0,1} http{0,1} ftp{0,1} path{0,1})
Children	ftp, http, origin_file, path
Instance	<pre>&lt;location&gt;   &lt;origin_file&gt;{0,1}&lt;/origin_file&gt;   &lt;http&gt;{0,1}&lt;/http&gt;</pre>

	<pre>&lt;ftp&gt;{0,1}&lt;/ftp&gt; &lt;path&gt;{0,1}&lt;/path&gt; &lt;/location&gt;</pre>
Source	<pre>&lt;xsd:element name="location" type="fileLocation"/&gt;</pre>

## Element fileLocation / origin\_file

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	<pre>&lt;xsd:element name="origin_file" type="xsd:string" maxOccurs="1" minOccurs="0" /&gt;</pre>						

## Element fileLocation / http

Namespace	No namespace						
Diagram							
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;</pre>						

	<pre>&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;Is Reference: false, Type: url&gt;&gt;     }     url "0..1" --&gt; "1..1" url   </pre>				
Type	url				
Properties	content: simple				
Facets	<table> <tr> <td>minLength</td> <td>1</td> </tr> <tr> <td>pattern</td> <td>(http://...*\....*)   (https://...*\....*)</td> </tr> </table>	minLength	1	pattern	(http://...*\....*)   (https://...*\....*)
minLength	1				
pattern	(http://...*\....*)   (https://...*\....*)				
Source	<code>&lt;xsd:element name="url" type="url" /&gt;</code>				

### Element fileHttp / user

Namespace	No namespace						
Diagram	<pre> classDiagram     class user {         &lt;&lt;Is Reference: false, Type: notemptystring&gt;&gt;     }     user "0..1" --&gt; "1..1" notemptystring   </pre>						
Type	notemptystring						
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						
Facets	minLength 1						
Source	<code>&lt;xsd:element name="user" type="notemptystring" maxOccurs="1" minOccurs="0" /&gt;</code>						

### Element fileHttp / pass

Namespace	No namespace						
Diagram	<pre> classDiagram     class pass {         &lt;&lt;Is Reference: false, Type: notemptystring&gt;&gt;     }     pass "0..1" --&gt; "1..1" notemptystring   </pre>						
Type	notemptystring						
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						
Facets	minLength 1						
Source	<code>&lt;xsd:element name="pass" type="notemptystring" maxOccurs="1" minOccurs="0" /&gt;</code>						

### Element fileHttp / expiresdatetime

Namespace	No namespace
Diagram	<pre> classDiagram     class expiresdatetime {         &lt;&lt;Is Reference: false, Type: datetimeGMT&gt;&gt;     }     expiresdatetime "0..1" --&gt; "1..1" datetimeGMT   </pre>
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="expiresdatetime" type="datetimeGMT" />

## Element fileLocation / ftp

Namespace	No namespace						
Diagram	<pre> classDiagram     class fileFtp {         &lt;&lt;Base Type   action&gt;&gt;     }     class action {         &lt;&lt;extension base&gt;&gt;     }     class ftp {         &lt;&lt;Is Reference: false, Type: fileFtp&gt;&gt;     }     class server {         Is Reference: false         Type: xsd:string         Min Occurs: 1         Max Occurs: 1     }     class port {         Is Reference: false         Type: xsd:string         Min Occurs: 1         Max Occurs: 1     }     class path {         Is Reference: false         Type: xsd:string         Min Occurs: 1         Max Occurs: 1     }     class user {         Is Reference: false         Type: xsd:string         Min Occurs: 0         Max Occurs: 1     }     class pass {         Is Reference: false         Type: xsd:string         Min Occurs: 0         Max Occurs: 1     }     class expiresdatetime {         Is Reference: false         Type: datetimeGMT         Min Occurs: 1         Max Occurs: 1     }      fileFtp &lt; -- action     ftp &lt; -- fileFtp     ftp --&gt; server     ftp --&gt; port     ftp --&gt; path     ftp --&gt; user     ftp --&gt; pass     ftp --&gt; expiresdatetime   </pre> <p>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	<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(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	<pre> server Is Reference false Type xsd:string   </pre> <p>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="server" type="xsd:string" /&gt;</code>

### Element fileFtp / port

Namespace	No namespace
Diagram	<pre> port Is Reference false Type xsd:string   </pre> <p>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="port" type="xsd:string" /&gt;</code>

### Element fileFtp / path

Namespace	No namespace
Diagram	<pre> path Is Reference false Type xsd:string   </pre> <p>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="path" type="xsd:string" /&gt;</code>

### Element fileFtp / user

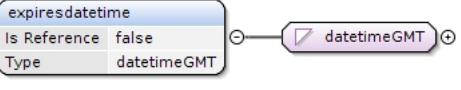
Namespace	No namespace						
Diagram	<pre> user Is Reference false Type xsd:string   </pre> <p>Built-in primitive type. The string datatype represents character strings in XML.</p>						
Type	xsd:string						
Properties	<table border="1"> <tr> <td>content:</td> <td>simple</td> </tr> <tr> <td>minOccurs:</td> <td>0</td> </tr> <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="user" type="xsd:string" maxOccurs="1" minOccurs="0" /&gt;</code>						

### Element fileFtp / pass

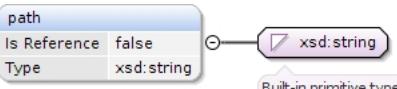
Namespace	No namespace
Diagram	<pre> pass Is Reference false Type xsd:string   </pre> <p>Built-in primitive type. The string datatype represents character strings in XML.</p>

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

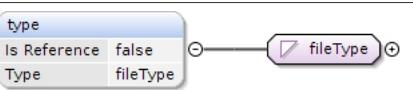
### Element fileFtp / expiresdatetime

Namespace	No namespace
Diagram	
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="expiresdatetime" type="datetimeGMT"/>

### Element fileLocation / path

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="path" type="xsd:string" maxOccurs="1" minOccurs="0"/>

### 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 "prelistening", "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	<pre>&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;</pre>
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## Element file / filetype

Namespace	No namespace						
Annotations	Filetype should accept e.g. "MP3" also as "MPEG-1 Audio Layer III".						
Diagram	<pre> classDiagram     class filetype {         attribute notemptystring     }     filetype &lt; -- notemptystring   </pre> <p>Filetype should accept e.g. "MP3" also as "MPEG-1 Audio Layer III".</p>						
Type	notemptystring						
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>minLength</td> <td>1</td> </tr> </table>	minLength	1				
minLength	1						
Source	<pre>&lt;xsd:element name="filetype" type="notemptystring" 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> classDiagram     class samplerate {         attribute xsd:string     }     samplerate &lt; -- xsd:string   </pre> <p>Built-in primitive type. The string datatype represents character strings in XML.</p> <p>Samplerate in khz.</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> classDiagram     class prelistening_offset {         attribute xsd:int     }     prelistening_offset &lt; -- xsd:int   </pre> <p>Built-in derived type. The int datatype is derived from long by setting the value of maxInclusive to be 2147483647 and...</p> <p>prelistening_offset is in seconds. prelistening_offset is a "SHOULD" for filetype "prelistening". prelistening_offset...</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>				

## 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					
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							
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	

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	<pre>&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;</pre>						

### Element file / bitratetype

Namespace	No namespace						
Annotations	Type of bitrate such as CBR/VBR/MBR.						
Diagram							
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	<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							
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	<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	

Type	xsd:string
Properties	<p>content: simple</p> <p>minOccurs: 0</p> <p>maxOccurs: 1</p>
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>

## Element file / bytes

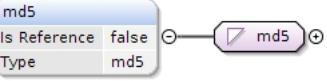
Namespace	No namespace
Annotations	Length of file in bytes.
Diagram	
Type	xsd:integer
Properties	<p>content: simple</p> <p>minOccurs: 0</p> <p>maxOccurs: 1</p>
Source	<pre>&lt;xsd:element name="bytes" type="xsd:integer" maxOccurs="1" minOccurs="0"&gt;   &lt;xsd:annotation&gt;     &lt;xsd:documentation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

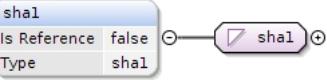
Namespace	No namespace
Diagram	
Type	checksums
Properties	content: complex
Model	ALL(md5{0,1} sha1{0,1} sha256{0,1})
Children	md5, sha1, sha256
Instance	<pre>&lt;checksums&gt;   &lt;md5&gt;{0,1}&lt;/md5&gt;   &lt;sha1&gt;{0,1}&lt;/sha1&gt;   &lt;sha256&gt;{0,1}&lt;/sha256&gt; &lt;/checksums&gt;</pre>

Source	<code>&lt;xsd:element name="checksums" type="checksums" /&gt;</code>
--------	--

### Element checksums / md5

Namespace	No namespace
Diagram	
Type	md5
Type hierarchy	<ul style="list-style-type: none"> <li>xsd:string</li> <li>notemptystring</li> <li>md5</li> </ul>
Properties	content: simple minOccurs: 0 maxOccurs: 1
Facets	minLength 8 pattern $(([A-F0-9]\{2\}:\){15}[A-F0-9]\{2\}) ([a-f0-9]\{32\})$
Source	<code>&lt;xsd:element name="md5" type="md5" maxOccurs="1" minOccurs="0" /&gt;</code>

### Element checksums / sha1

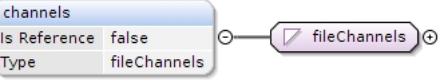
Namespace	No namespace
Diagram	
Type	sha1
Type hierarchy	<ul style="list-style-type: none"> <li>xsd:string</li> <li>notemptystring</li> <li>sha1</li> </ul>
Properties	content: simple minOccurs: 0 maxOccurs: 1
Facets	minLength 8 pattern $(([A-F0-9]\{2\}:\){19}[A-F0-9]\{2\}) ([a-f0-9]\{40\})$
Source	<code>&lt;xsd:element name="sha1" type="sha1" maxOccurs="1" minOccurs="0" /&gt;</code>

### Element checksums / sha256

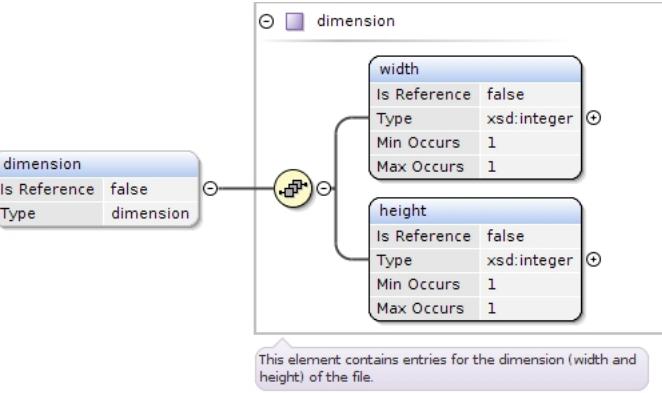
Namespace	No namespace
Diagram	
Type	sha256
Type hierarchy	<ul style="list-style-type: none"> <li>xsd:string</li> <li>notemptystring</li> <li>sha256</li> </ul>
Properties	content: simple

	minOccurs:	0
	maxOccurs:	1
Facets	minLength	8
	pattern	( [A-F0-9]{2} : ){31}[A-F0-9]{2}
Source	<xsd:element name="sha256" type="sha256" maxOccurs="1" minOccurs="0" />	

## Element file / channels

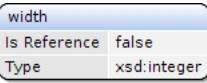
Namespace	No namespace								
Diagram									
Type	fileChannels								
Properties	<table border="1"> <tr> <td>content:</td> <td>simple</td> </tr> <tr> <td>minOccurs:</td> <td>0</td> </tr> <tr> <td>maxOccurs:</td> <td>1</td> </tr> </table>	content:	simple	minOccurs:	0	maxOccurs:	1		
content:	simple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

## Element file / dimension

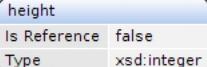
Namespace	No namespace						
Diagram							
Type	dimension						
Properties	<table border="1"> <tr> <td>content:</td> <td>complex</td> </tr> <tr> <td>minOccurs:</td> <td>0</td> </tr> <tr> <td>maxOccurs:</td> <td>1</td> </tr> </table>	content:	complex	minOccurs:	0	maxOccurs:	1
content:	complex						
minOccurs:	0						
maxOccurs:	1						
Model	width , height						
Children	height, width						
Instance	<dimension><width>{1,1}</width><height>{1,1}</height></dimension>						
Source	<xsd:element name="dimension" type="dimension" maxOccurs="1" minOccurs="0" />						

## Element dimension / width

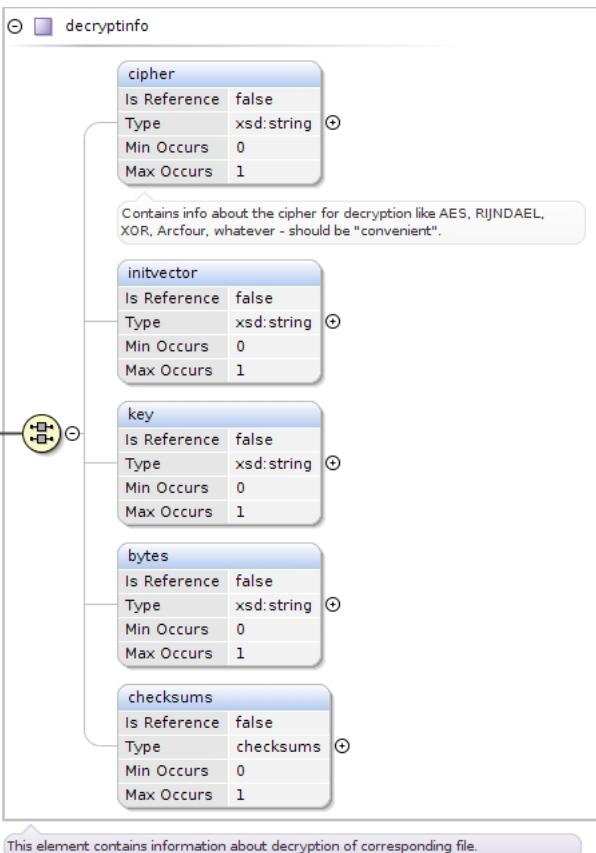
Namespace	No namespace
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Diagram	 Built-in derived type. The integer datatype is derived from decimal by fixing the value of fractionDigits to be 0. This...
Type	xsd:integer
Properties	content: simple
Source	<xsd:element name="width" type="xsd:integer"/>

### Element dimension / height

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
Source	<xsd:element name="height" type="xsd:integer"/>

### Element file / decryptinfo

Namespace	No namespace
Diagram	 This element contains information about decryption of corresponding file.
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	<code>&lt;xsd:element name="decryptinfo" type="decryptinfo" maxOccurs="1" minOccurs="0" /&gt;</code>

## 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	<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	<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	<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="initvector" type="xsd:string" minOccurs="0" maxOccurs="1" /&gt;</code>						

## Element decryptinfo / key

Namespace	No namespace						
Diagram							
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="key" type="xsd:string" minOccurs="0" maxOccurs="1" /&gt;</code>						

### Element decryptinfo / bytes

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

### Element decryptinfo / checksums

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

### Element file / no\_file\_given

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

	minOccurs:	0
	maxOccurs:	1
Source	<xsd:element name="no_file_given" type="xsd:boolean" maxOccurs="1" minOccurs="0"/>	

## Element file / comment

Namespace	No namespace				
Diagram	<p>The diagram shows the 'comment' element with its properties: Is Reference: false, Type: xsd:string. A link connects it to the 'xsd:string' type, which is described as a built-in primitive type representing 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				
Source	<xsd:element name="comment" minOccurs="0" type="xsd:string"/>				

## Element bundle / purchase

Namespace	No namespace						
Diagram	<p>The diagram shows the 'purchase' element with its properties: Is Reference: false, Type: purchase. It contains two child elements: 'pos' and 'url'. Both 'pos' and 'url' have their own properties: Is Reference: false, Type: notemptystring, Min Occurs: 1, Max Occurs: 1. A note below the 'purchase' element states: 'This element contains information about purchase. Mostly when this feeds recipient is a POS.'</p>						
Type	purchase						
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(pos url)						
Children	pos, url						
Instance	<purchase> <pos>{1,1}</pos> <url>{1,1}</url> </purchase>						
Source	<xsd:element name="purchase" type="purchase" maxOccurs="1" minOccurs="0"/>						

## Element purchase / pos

Namespace	No namespace		
Diagram	<p>The diagram shows the 'pos' element with its properties: Is Reference: false, Type: notemptystring. A link connects it to the 'notemptystring' type.</p>		
Type	notemptystring		
Properties	<table border="1"> <tr> <td>content:</td> <td>simple</td> </tr> </table>	content:	simple
content:	simple		
Facets	<table border="1"> <tr> <td>minLength</td> <td>1</td> </tr> </table>	minLength	1
minLength	1		

Source	<code>&lt;xsd:element name="pos" type="notemptystring" /&gt;</code>
--------	---

## Element purchase / url

Namespace	No namespace
Diagram	
Type	notemptystring
Properties	content: simple
Facets	minLength 1
Source	<code>&lt;xsd:element name="url" type="notemptystring" /&gt;</code>

## 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; </pre>

	</license_basis>
Source	<xsd:element name="license_basis" type="license_basis_item"/>

### Element license\_basis\_item / territorial

Namespace	No namespace						
Diagram	<pre> classDiagram     class territorial {         &lt;&lt;territorial&gt;&gt;         Is Reference false         Type territorial     }     class territory {         &lt;&lt;territory&gt;&gt;         Is Reference false         Type territory         Min Occurs 0         Max Occurs unbounded     }     territorial "0..&gt;" *-- "*" territory     </pre> <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	<territorial>   <territory type="">{0,unbounded}</territory> </territorial>						
Source	<xsd:element name="territorial" type="territorial" maxOccurs="1" minOccurs="0"/>						

### Element license\_basis\_item / timeframe

Namespace	No namespace						
Diagram	<pre> classDiagram     class timeframe {         &lt;&lt;timeframe&gt;&gt;         Is Reference false         Type timeframe     }     class from {         &lt;&lt;from&gt;&gt;         Is Reference false         Type datetimeGMT         Min Occurs 1         Max Occurs 1     }     class to {         &lt;&lt;to&gt;&gt;         Is Reference false         Type datetimeGMT         Min Occurs 1         Max Occurs 1     }     timeframe "0..&gt;" *-- "*" from     timeframe "0..&gt;" *-- "*" to     </pre> <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	<timeframe>   <from>{1,1}</from>   <to>{1,1}</to> </timeframe>						
Source	<xsd:element name="timeframe" type="timeframe" maxOccurs="1" minOccurs="0"/>						

### Element license\_basis\_item / pricing

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

Diagram	<pre> classDiagram     class pricing {         pricecode         wholesale     }     pricecode {         Is Reference: false         Type: xsd:string         Min Occurs: 0         Max Occurs: 1     }     wholesale {         Is Reference: false         Type: xsd:string         Min Occurs: 0         Max Occurs: 1     } </pre>						
Type	pricing						
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(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	<pre> classDiagram     class streaming_allowed {         xsd:boolean     }     xsd:boolean {         Built-in primitive type. It defines the boolean values true and false.     } </pre>						
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="streaming_allowed" type="xsd:boolean" maxOccurs="1" minOccurs="0" />						

### Element license\_basis\_item / channels

Namespace	No namespace						
Diagram	<pre> classDiagram     class channels {         channel     }     channel {         Is Reference: true         Type: channel         Min Occurs: 0         Max Occurs: unbounded     } </pre>						
Type	channels						
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	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						
Diagram							
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="as_on_bundle" type="xsd:boolean" maxOccurs="1" minOccurs="0"/>						

### Element item / license\_specifics

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

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

### Element item / tags

Namespace	No namespace
Diagram	

Type	tags
Properties	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	<code>&lt;xsd:element name="tags" type="tags" maxOccurs="1" minOccurs="0" /&gt;</code>

## Element item / fingerprint

Namespace	No namespace
Diagram	<p>The diagram shows a UML class diagram with a central node labeled 'fingerprint'. A line connects this node to another node labeled 'echoprint'. A callout box points to the 'echoprint' node with the text: '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>).'</p>
Type	fingerprint
Properties	content: complex minOccurs: 0 maxOccurs: 1
Model	echoprint{0,1}
Children	echoprint
Instance	<pre>&lt;fingerprint&gt;   &lt;echoprint&gt;{0,1}&lt;/echoprint&gt; &lt;/fingerprint&gt;</pre>
Source	<code>&lt;xsd:element name="fingerprint" type="fingerprint" maxOccurs="1" minOccurs="0" /&gt;</code>

## Element fingerprint / echoprint

Namespace	No namespace
Diagram	<p>The diagram shows a UML class diagram with a central node labeled 'echoprint'. A line connects this node to a rounded rectangle labeled 'xsd:string'. A callout box points to the 'xsd:string' node with 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	<code>&lt;xsd:element name="echoprint" type="xsd:string" maxOccurs="1" minOccurs="0" /&gt;</code>

## Element item / reporting

Namespace	No namespace
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Diagram	<pre> classDiagram     class reporting {         &lt;&gt; realtime         &lt;&gt; postponed     }     realtime &lt; -- reporting     postponed &lt; -- reporting     </pre> <p>This element contains information about reporting.</p>						
Type	reporting						
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(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>						

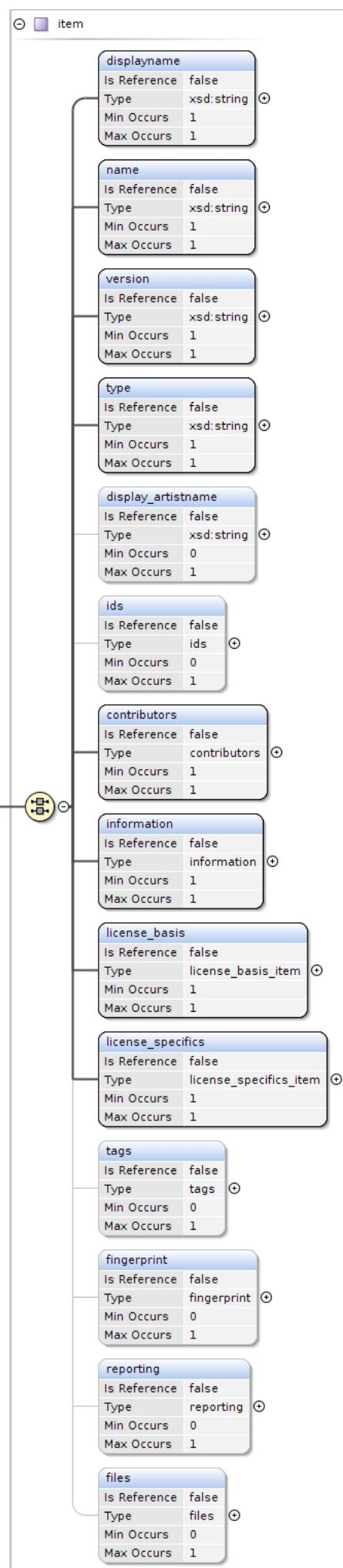
## Element item / files

Namespace	No namespace						
Diagram	<pre> classDiagram     class files {         &lt;&gt; file     }     file &lt; -- files     </pre> <p>This element contains a list of files.</p>						
Type	files						
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	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
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Diagram



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;   &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.</p> <p>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.</p> <p>The licensor is also to be stated (which in turn can also diverge from the creator and/or the sender).</p> <p>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.</p> <p>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,</p> <p>an "onerror-action" could be issued.</p> <p>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     class onlytest     class feedid     class creationdatetime     class effectivedatetime     class creator     class receiver     class sender     class licensor     class licensee     class actions      feedinfo &lt; -- onlytest     feedinfo &lt; -- feedid     feedinfo &lt; -- creationdatetime     feedinfo &lt; -- effectivedatetime     feedinfo &lt; -- creator     feedinfo &lt; -- receiver     feedinfo &lt; -- sender     feedinfo &lt; -- licensor     feedinfo &lt; -- licensee     feedinfo &lt; -- actions   </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; wether   &lt;/xsd:documentation&gt; &lt;/xsd:annotation&gt; </pre>

```
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.).</xsd:documentation>
<xsd:annotation>
<xsd:all>
  <xsd:element name="onlytest" type="xsd:boolean"/>
  <xsd:element name="feedid" type="notemptystring"/>
  <xsd:element name="creationdatetime" type="datetimeGMT"/>
  <xsd:element name="effectivedatetime" type="datetimeGMT"/>
  <xsd:element name="creator" type="creator" maxOccurs="1" minOccurs="0"/>
  <xsd:element name="receiver" type="receiver"/>
  <xsd:element name="sender" type="sender"/>
  <xsd:element name="licensor" type="licensor"/>
  <xsd:element name="licensee" type="licensee"/>
  <xsd:element name="actions" type="actions" maxOccurs="1" minOccurs="0"/>
</xsd:all>
</xsd:complexType>
```

## Complex Type creator

Namespace	No namespace
Annotations	This element contains information about the creator of that feed.
Diagram	<p>The diagram illustrates the structure of the <code>creator</code> complex type. It consists of three elements: <code>email</code>, <code>userid</code>, and <code>keyid</code>. The <code>email</code> element is a reference to the <code>email</code> type, with a note that its content should be an email address of the *user* on the sending side. The <code>userid</code> element is a reference to the <code>userid</code> type, with a note that it should be a unique id of the *user* on the sending side. The <code>keyid</code> element is a reference to the <code>xsd:string</code> type.</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>

## Complex Type receiver

Namespace	No namespace
Annotations	This element contains information about the receiver of that feed.

Diagram	<pre> classDiagram     receiver {         &lt;&lt;This element contains information about the receiver of that feed.&gt;&gt;     }     receiver "0..1" --&gt; type     receiver "0..1" --&gt; servername     receiver "0..1" --&gt; serveripv4     receiver "0..1" --&gt; serveripv6     receiver "0..1" --&gt; authtype     receiver "0..1" --&gt; username     receiver "0..1" --&gt; crypto     receiver "0..1" --&gt; keyid   </pre>
Used by	Element feedinfo/receiver
Model	ALL(type servername serveripv4 serveripv6{0,1} authtype username{0,1} crypto{0,1} keyid{0,1})
Children	authtype, crypto, keyid, 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:element name="keyid" type="xsd:string" 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> graph LR     crypto[crypto] --- relatedemail[relatedemail]     crypto --- usedkeyid[usedkeyid]     crypto --- usedpubkey[usedpubkey]     </pre> <p>This element contains crypto information for secure and authenticated transfer.</p> <table border="1"> <tr><td>relatedemail</td></tr> <tr><td>Is Reference false</td></tr> <tr><td>Type email</td></tr> <tr><td>Min Occurs 0</td></tr> <tr><td>Max Occurs 1</td></tr> <tr><td>usedkeyid</td></tr> <tr><td>Is Reference false</td></tr> <tr><td>Type keyid</td></tr> <tr><td>Min Occurs 0</td></tr> <tr><td>Max Occurs 1</td></tr> <tr><td>usedpubkey</td></tr> <tr><td>Is Reference false</td></tr> <tr><td>Type xsd:base64Binary</td></tr> <tr><td>Min Occurs 0</td></tr> <tr><td>Max Occurs 1</td></tr> </table>	relatedemail	Is Reference false	Type email	Min Occurs 0	Max Occurs 1	usedkeyid	Is Reference false	Type keyid	Min Occurs 0	Max Occurs 1	usedpubkey	Is Reference false	Type xsd:base64Binary	Min Occurs 0	Max Occurs 1
relatedemail																
Is Reference false																
Type email																
Min Occurs 0																
Max Occurs 1																
usedkeyid																
Is Reference false																
Type keyid																
Min Occurs 0																
Max Occurs 1																
usedpubkey																
Is Reference false																
Type xsd:base64Binary																
Min Occurs 0																
Max Occurs 1																
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>															

## Complex Type sender

Namespace	No namespace																				
Annotations	This element contains information about the sender of that feed.																				
Diagram	<pre> graph LR     sender[sender] --- contractpartnerid[contractpartnerid]     sender --- ourcontractpartnerid[ourcontractpartnerid]     sender --- email[email]     sender --- keyid[keyid]     </pre> <p>This element contains information about the sender of that feed.</p> <table border="1"> <tr><td>contractpartnerid</td></tr> <tr><td>Is Reference false</td></tr> <tr><td>Type xsd:string</td></tr> <tr><td>Min Occurs 1</td></tr> <tr><td>Max Occurs 1</td></tr> <tr><td>ourcontractpartnerid</td></tr> <tr><td>Is Reference false</td></tr> <tr><td>Type xsd:string</td></tr> <tr><td>Min Occurs 1</td></tr> <tr><td>Max Occurs 1</td></tr> <tr><td>email</td></tr> <tr><td>Is Reference false</td></tr> <tr><td>Type email</td></tr> <tr><td>Min Occurs 0</td></tr> <tr><td>Max Occurs 1</td></tr> <tr><td>keyid</td></tr> <tr><td>Is Reference false</td></tr> <tr><td>Type xsd:string</td></tr> <tr><td>Min Occurs 0</td></tr> <tr><td>Max Occurs 1</td></tr> </table>	contractpartnerid	Is Reference false	Type xsd:string	Min Occurs 1	Max Occurs 1	ourcontractpartnerid	Is Reference false	Type xsd:string	Min Occurs 1	Max Occurs 1	email	Is Reference false	Type email	Min Occurs 0	Max Occurs 1	keyid	Is Reference false	Type xsd:string	Min Occurs 0	Max Occurs 1
contractpartnerid																					
Is Reference false																					
Type xsd:string																					
Min Occurs 1																					
Max Occurs 1																					
ourcontractpartnerid																					
Is Reference false																					
Type xsd:string																					
Min Occurs 1																					
Max Occurs 1																					
email																					
Is Reference false																					
Type email																					
Min Occurs 0																					
Max Occurs 1																					
keyid																					
Is Reference false																					
Type xsd:string																					
Min Occurs 0																					
Max Occurs 1																					
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"/&gt;         &lt;xsd:element name="keyid" type="xsd:string"/&gt;     &lt;/xsd:all&gt; &lt;/xsd:complexType&gt; </pre>																				

```
<xsd:element name="email" type="email" maxOccurs="1" minOccurs="0"/>
<xsd:element name="keyid" type="xsd:string" maxOccurs="1" minOccurs="0"/>
</xsd:all>
</xsd:complexType>
```

## Complex Type licensor

Namespace	No namespace
Annotations	This element contains information about the licensor of that feed.
Diagram	<pre> classDiagram     class licensor     class contractpartnerid {         Is Reference: false         Type: xsd:string         Min Occurs: 1         Max Occurs: 1     }     class ourcontractpartnerid {         Is Reference: false         Type: xsd:string         Min Occurs: 1         Max Occurs: 1     }     class email {         Is Reference: false         Type: email         Min Occurs: 0         Max Occurs: 1     }     class keyid {         Is Reference: false         Type: xsd:string         Min Occurs: 0         Max Occurs: 1     }      licensor &lt; -- contractpartnerid     licensor &lt; -- ourcontractpartnerid     licensor &lt; -- email     licensor &lt; -- keyid   </pre> <p>This element contains information about the licensor of that feed.</p>
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
Annotations	This element contains information about the licensee of that feed.

Diagram	<pre> classDiagram     licensee {         &lt;&lt;This element contains information about the licensee of that feed.&gt;&gt;     }     licensee "0..1" --&gt; contractpartnerid     licensee "0..1" --&gt; ourcontractpartnerid     licensee "0..1" --&gt; email     licensee "0..1" --&gt; keyid     contractpartnerid {         Is Reference false         Type xsd:string         Min Occurs 1         Max Occurs 1     }     ourcontractpartnerid {         Is Reference false         Type xsd:string         Min Occurs 1         Max Occurs 1     }     email {         Is Reference false         Type email         Min Occurs 0         Max Occurs 1     }     keyid {         Is Reference false         Type xsd:string         Min Occurs 0         Max Occurs 1     }   </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     actions {         &lt;&lt;This element contains information about possible actions with the feed.&gt;&gt;     }     actions "0..1" --&gt; oninitialreceive     actions "0..1" --&gt; onprocessstart     actions "0..1" --&gt; onprocessend     actions "0..1" --&gt; onfullsuccess     actions "0..1" --&gt; onerror     oninitialreceive {         Is Reference false         Type event         Min Occurs 0         Max Occurs 1     }     onprocessstart {         Is Reference false         Type event         Min Occurs 0         Max Occurs 1     }     onprocessend {         Is Reference false         Type event         Min Occurs 0         Max Occurs 1     }     onfullsuccess {         Is Reference false         Type event         Min Occurs 0         Max Occurs 1     }     onerror {         Is Reference false         Type event         Min Occurs 0         Max Occurs 1     }   </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	<pre> classDiagram     class event     class mailto     class http     class fax     class letter     class nothing      event "0..∞" --&gt; mailto     event "0..∞" --&gt; http     event "0..∞" --&gt; fax     event "0..∞" --&gt; letter     event "0..∞" --&gt; nothing      note over event: This element contains information about possible events and actions.   </pre>
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*, nothing{0,1}
Children	fax, http, letter, mailto, nothing
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:element name="nothing" type="nothing" minOccurs="0" maxOccurs="1"/&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	<pre> classDiagram     class mailto {         &lt;&lt;Base Type action&gt;&gt;         &lt;&lt;This element contains information about mailto-event.&gt;&gt;     }     class receiver {         &lt;&lt;1..&gt;&gt;         &lt;&lt;Is Reference false&lt;br/&gt;Type emaillist&lt;br/&gt;Min Occurs 1&lt;br/&gt;Max Occurs unbounded&gt;&gt;     }     class subject {         &lt;&lt;Is Reference false&lt;br/&gt;Type xsd:string&lt;br/&gt;Min Occurs 1&lt;br/&gt;Max Occurs 1&gt;&gt;     }     class text {         &lt;&lt;Is Reference false&lt;br/&gt;Type xsd:string&lt;br/&gt;Min Occurs 1&lt;br/&gt;Max Occurs 1&gt;&gt;     }     mailto &lt; -- receiver     mailto &lt; -- subject     mailto &lt; -- text   </pre>
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>

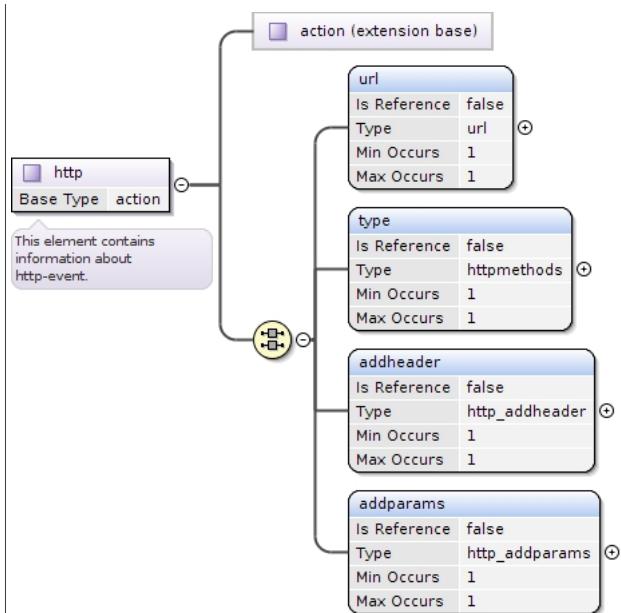
## Complex Type action

Namespace	No namespace
Diagram	<pre> classDiagram     class action   </pre>
Used by	Complex Types fax, fileFtp, fileHttp, http, mailto
Source	<pre> &lt;xsd:complexType name="action"&gt; &lt;/xsd:complexType&gt;   </pre>

## Complex Type http

Namespace	No namespace
Annotations	This element contains information about http-event.

Diagram



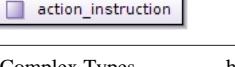
Type	extension of action
Type hierarchy	<ul style="list-style-type: none"> <li>action</li> <li>http</li> </ul>
Used by	Elements event/http, realtime/http
Model	ALL(url type addheader addparams)
Children	addheader, addparams, type, url
Source	<pre> &lt;xsd:complexType name="http"&gt;   &lt;xsd:annotation&gt;     &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

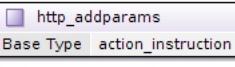
Namespace	No namespace
Diagram	<pre> classDiagram     class http_addheader {         &lt;&lt;action_type&gt;&gt;         &lt;&lt;Base Type action_instruction&gt;&gt;     }     class action_instruction {         &lt;&lt;extension base&gt;&gt;     }     class Any {         &lt;&lt;#any&gt;&gt;     }      http_addheader &lt; -- action_instruction     action_instruction &lt; -- Any   </pre>
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>

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

## Complex Type action\_instruction

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

## 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 {         registered : boolean         to : string         text : string         costscoveredby : costscoveredby     }     letter &lt; -- registered     letter &lt; -- to     letter &lt; -- text     letter &lt; -- costscoveredby     registered --&gt; "1.. This tells if letter must be registered or not."     to --&gt; "1.. This element contains information about the letter event."     text --&gt; "1.. This contains the content/text of letter."     costscoveredby --&gt; "1.."   </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;     }     class name     class department     class nameperson     class street     class postcode     class country      to "1" --&gt; name     to "1" --&gt; department     to "1" --&gt; nameperson     to "1" --&gt; street     to "1" --&gt; postcode     to "1" --&gt; country   </pre> <table border="1"> <tr><td><b>name</b></td><td>Is Reference</td><td>false</td></tr> <tr><td></td><td>Type</td><td>notemptystring</td></tr> <tr><td></td><td>Min Occurs</td><td>0</td></tr> <tr><td></td><td>Max Occurs</td><td>1</td></tr> <tr><td><b>department</b></td><td>Is Reference</td><td>false</td></tr> <tr><td></td><td>Type</td><td>notemptystring</td></tr> <tr><td></td><td>Min Occurs</td><td>0</td></tr> <tr><td></td><td>Max Occurs</td><td>1</td></tr> <tr><td><b>nameperson</b></td><td>Is Reference</td><td>false</td></tr> <tr><td></td><td>Type</td><td>notemptystring</td></tr> <tr><td></td><td>Min Occurs</td><td>0</td></tr> <tr><td></td><td>Max Occurs</td><td>1</td></tr> <tr><td><b>street</b></td><td>Is Reference</td><td>false</td></tr> <tr><td></td><td>Type</td><td>notemptystring</td></tr> <tr><td></td><td>Min Occurs</td><td>1</td></tr> <tr><td></td><td>Max Occurs</td><td>1</td></tr> <tr><td><b>postcode</b></td><td>Is Reference</td><td>false</td></tr> <tr><td></td><td>Type</td><td>notemptystring</td></tr> <tr><td></td><td>Min Occurs</td><td>1</td></tr> <tr><td></td><td>Max Occurs</td><td>1</td></tr> <tr><td><b>country</b></td><td>Is Reference</td><td>false</td></tr> <tr><td></td><td>Type</td><td>cc:countryCode</td></tr> <tr><td></td><td>Min Occurs</td><td>1</td></tr> <tr><td></td><td>Max Occurs</td><td>1</td></tr> <tr><td><b>additionaladdressinfo</b></td><td>Is Reference</td><td>false</td></tr> <tr><td></td><td>Type</td><td>notemptystring</td></tr> <tr><td></td><td>Min Occurs</td><td>0</td></tr> <tr><td></td><td>Max Occurs</td><td>1</td></tr> </table>	<b>name</b>	Is Reference	false		Type	notemptystring		Min Occurs	0		Max Occurs	1	<b>department</b>	Is Reference	false		Type	notemptystring		Min Occurs	0		Max Occurs	1	<b>nameperson</b>	Is Reference	false		Type	notemptystring		Min Occurs	0		Max Occurs	1	<b>street</b>	Is Reference	false		Type	notemptystring		Min Occurs	1		Max Occurs	1	<b>postcode</b>	Is Reference	false		Type	notemptystring		Min Occurs	1		Max Occurs	1	<b>country</b>	Is Reference	false		Type	cc:countryCode		Min Occurs	1		Max Occurs	1	<b>additionaladdressinfo</b>	Is Reference	false		Type	notemptystring		Min Occurs	0		Max Occurs	1
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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="notemptystring" minOccurs="0" maxOccurs="1"/&gt;     &lt;xsd:element name="department" type="notemptystring" minOccurs="0" maxOccurs="1"/&gt;     &lt;xsd:element name="nameperson" type="notemptystring" minOccurs="0" maxOccurs="1"/&gt;     &lt;xsd:element name="street" type="notemptystring"/&gt;     &lt;xsd:element name="postcode" type="notemptystring"/&gt;     &lt;xsd:element name="country" type="cc:countryCode"/&gt;     &lt;xsd:element name="additionaladdressinfo" type="notemptystring" minOccurs="0" maxOccurs="1"/&gt;   &lt;/xsd:all&gt; &lt;/xsd:complexType&gt;   </pre>																																																																																				

## Complex Type costscoveredby

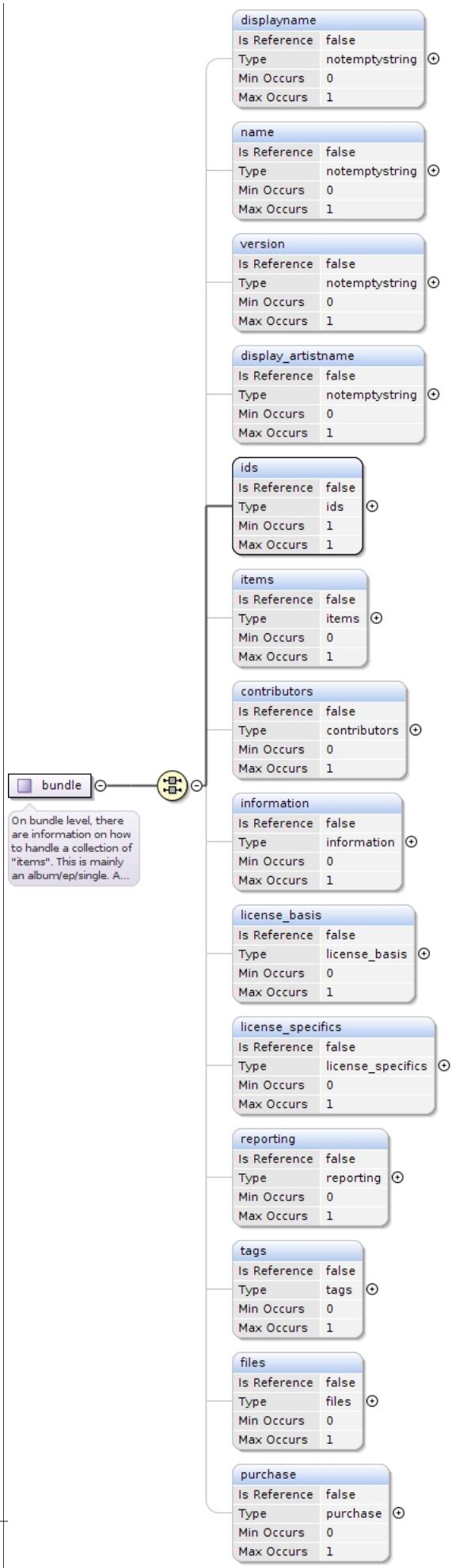
Namespace	No namespace
Annotations	This element contains information about who covered the costs of event.

Diagram	<pre> classDiagram     class costscoveredby {         &lt;&lt;This element contains information about who covered the costs of event.&gt;&gt;     }     class contractpartnerid {         Is Reference false         Type notemptystring         Min Occurs 1         Max Occurs 1     }     class ourcontractpartnerid {         Is Reference false         Type notemptystring         Min Occurs 1         Max Occurs 1     }     class maxcostscovered {         Is Reference false         Type notemptystring         Min Occurs 0         Max Occurs 1     }     costscoveredby &lt; -- contractpartnerid     costscoveredby &lt; -- ourcontractpartnerid     costscoveredby &lt; -- maxcostscovered     </pre> <p>This contains the max amount that will be covered.</p>
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="notemptystring"/&gt;     &lt;xsd:element name="ourcontractpartnerid" type="notemptystring"/&gt;     &lt;xsd:element name="maxcostscovered" type="notemptystring" 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

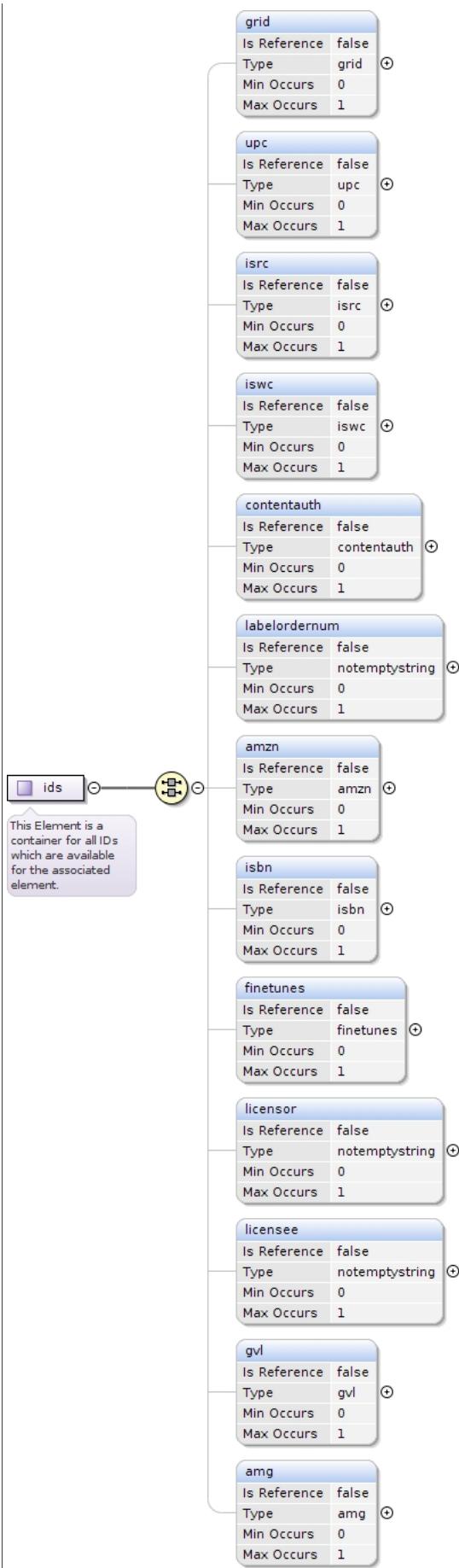


Used by	Elements feed/bundle, related/bundle
Model	ALL(displayname{0,1} name{0,1} version{0,1} display_artistname{0,1} ids items{0,1} contributors{0,1} information{0,1} license_basis{0,1} license_specifics{0,1} reporting{0,1} tags{0,1} files{0,1} purchase{0,1})
Children	contributors, display_artistname, 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="notemptystring" maxOccurs="1" minOccurs="0"/&gt;     &lt;xsd:element name="name" type="notemptystring" maxOccurs="1" minOccurs="0"/&gt;     &lt;xsd:element name="version" type="notemptystring" maxOccurs="1" minOccurs="0"/&gt;     &lt;xsd:element name="display_artistname" type="notemptystring" 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



Used by	Elements bundle/ids, contributor/ids, item/ids
Model	ALL(grid{0,1} upc{0,1} isrc{0,1} iswc{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} amg{0,1})
Children	amg, amzn, contentauth, finetunes, grid, gvl, isbn, isrc, iswc, 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="grid" 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="iswc" type="iswc" maxOccurs="1" minOccurs="0"/&gt;     &lt;xsd:element name="contentauth" type="contentauth" maxOccurs="1" minOccurs="0"/&gt;     &lt;xsd:element name="labelordernum" type="notemptystring" maxOccurs="1" minOccurs="0"/&gt;     &lt;xsd:element name="amzn" type="amzn" maxOccurs="1" minOccurs="0"/&gt;     &lt;xsd:element name="isbn" type="isbn" maxOccurs="1" minOccurs="0"/&gt;     &lt;xsd:element name="finetunes" type="finetunes" maxOccurs="1" minOccurs="0"/&gt;     &lt;xsd:element name="licensor" type="notemptystring" maxOccurs="1" minOccurs="0"/&gt;     &lt;xsd:element name="licensee" type="notemptystring" maxOccurs="1" minOccurs="0"/&gt;     &lt;xsd:element name="gvl" type="gvl" maxOccurs="1" minOccurs="0"/&gt;     &lt;xsd:element name="amg" type="amg" maxOccurs="1" minOccurs="0"/&gt;   &lt;/xsd:all&gt; &lt;/xsd:complexType&gt;</pre>

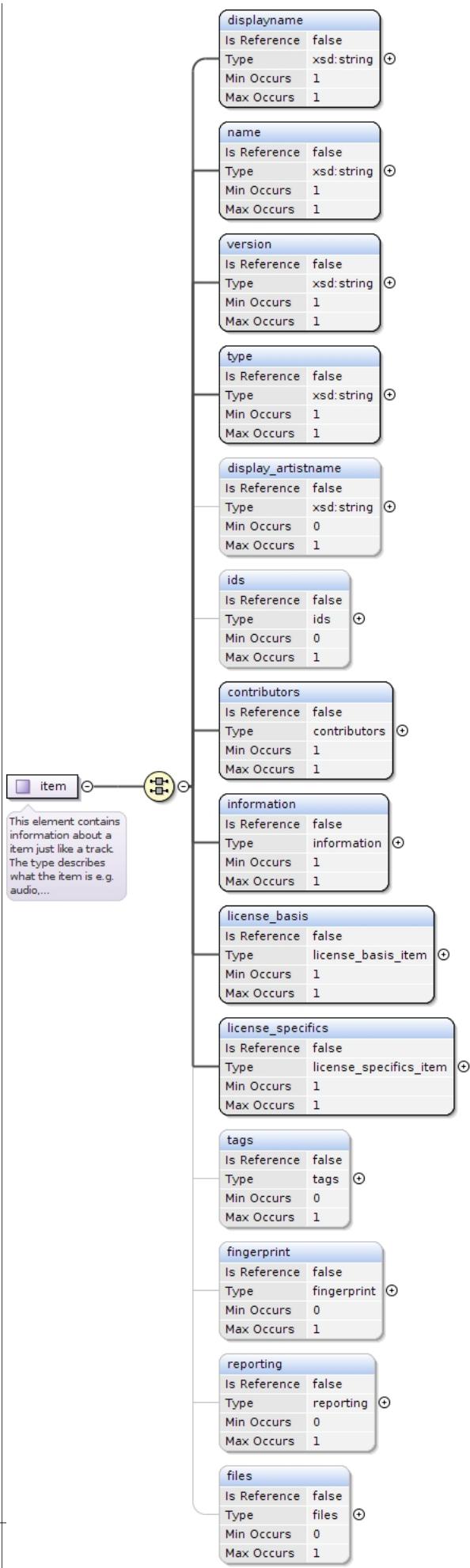
## Complex Type items

Namespace	No namespace												
Annotations	This element is a container for item-elements.												
Diagram	<table border="1"> <tr> <td>item</td> <td>Is Reference</td> <td>false</td> </tr> <tr> <td></td> <td>Type</td> <td>item</td> </tr> <tr> <td></td> <td>Min Occurs</td> <td>1</td> </tr> <tr> <td></td> <td>Max Occurs</td> <td>unbounded</td> </tr> </table>	item	Is Reference	false		Type	item		Min Occurs	1		Max Occurs	unbounded
item	Is Reference	false											
	Type	item											
	Min Occurs	1											
	Max Occurs	unbounded											
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



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 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.&lt;/xsd:documentation&gt;   &lt;/xsd:annotation&gt;   &lt;xsd:all&gt;     &lt;xsd:element name="displayname" type="xsd:string"/&gt;     &lt;xsd:element name="name" type="xsd:string"/&gt;     &lt;xsd:element name="version" type="xsd:string"/&gt;     &lt;xsd:element name="type" type="xsd:string"/&gt;     &lt;xsd:element name="display_artistname" type="xsd:string" maxOccurs="1" minOccurs="0"/&gt;     &lt;xsd:element name="ids" type="ids" maxOccurs="1" minOccurs="0"/&gt;     &lt;xsd:element name="contributors" type="contributors"/&gt;     &lt;xsd:element name="information" type="information"/&gt;     &lt;xsd:element name="license_basis" type="license_basis_item"/&gt;     &lt;xsd:element name="license_specifics" type="license_specifics_item"/&gt;     &lt;xsd:element name="tags" type="tags" maxOccurs="1" minOccurs="0"/&gt;     &lt;xsd:element name="fingerprint" type="fingerprint" maxOccurs="1" minOccurs="0"/&gt;     &lt;xsd:element name="reporting" type="reporting" maxOccurs="1" minOccurs="0"/&gt;     &lt;xsd:element name="files" type="files" maxOccurs="1" minOccurs="0"/&gt;   &lt;/xsd:all&gt; &lt;/xsd:complexType&gt;</pre>

## 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 {         Is Reference: false         Type: contributor         Min Occurs: 0         Max Occurs: unbounded     }     contributors "0..infinity" -- "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, author, arranger, 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											
Used by	Element contributors/contributor										
Model	ALL(name type year{0,1} ids www{0,1})										
Children	ids, name, type, www, year										
Attributes	<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th>QName</th><th>Type</th><th>Fixed</th><th>Default</th><th>Use</th></tr> </thead> <tbody> <tr> <td><b>num</b></td><td>xsd:integer</td><td></td><td></td><td>optional</td></tr> </tbody> </table>	QName	Type	Fixed	Default	Use	<b>num</b>	xsd:integer			optional
QName	Type	Fixed	Default	Use							
<b>num</b>	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,     mixer, producer, author, arranger, 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="notemptystring"/&gt;     &lt;xsd:element name="type" type="contributorType"/&gt;     &lt;xsd:element name="year" type="year" 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	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 whether customers of receiver are also allowed to be given this information. If publishable is not given, then this is granted.

Diagram	<pre> classDiagram     www &lt; -- facebook     www &lt; -- myspace     www &lt; -- homepage     www &lt; -- twitter     www &lt; -- blog     www &lt; -- phone     www --&gt; facebook : 0..5     www --&gt; myspace : 0..5     www --&gt; homepage : 0..5     www --&gt; twitter : 0..5     www --&gt; blog : 0..5     www --&gt; phone : 0..5   </pre> <p>This Element is a container for the important web addresses and phone of the associated element (contributor e.g.)....</p>
Used by	Element contributor/www
Model	facebook{0,1} , myspace{0,1} , homepage{0,5} , twitter{0,1} , blog{0,5} , phone{0,1}
Children	blog, 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 whether 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:sequence&gt;     &lt;xsd:element name="facebook" type="publishable_url" maxOccurs="1" minOccurs="0"/&gt;     &lt;xsd:element name="myspace" type="publishable_url" maxOccurs="1" minOccurs="0"/&gt;     &lt;xsd:element name="homepage" type="publishable_url" maxOccurs="5" minOccurs="0"/&gt;     &lt;xsd:element name="twitter" type="publishable_url" maxOccurs="1" minOccurs="0"/&gt;     &lt;xsd:element name="blog" type="publishable_url" maxOccurs="5" minOccurs="0"/&gt;     &lt;xsd:element name="phone" type="publishable_url" maxOccurs="1" minOccurs="0"/&gt;   &lt;/xsd:sequence&gt; &lt;/xsd:complexType&gt;   </pre>

## Complex Type publishable\_url

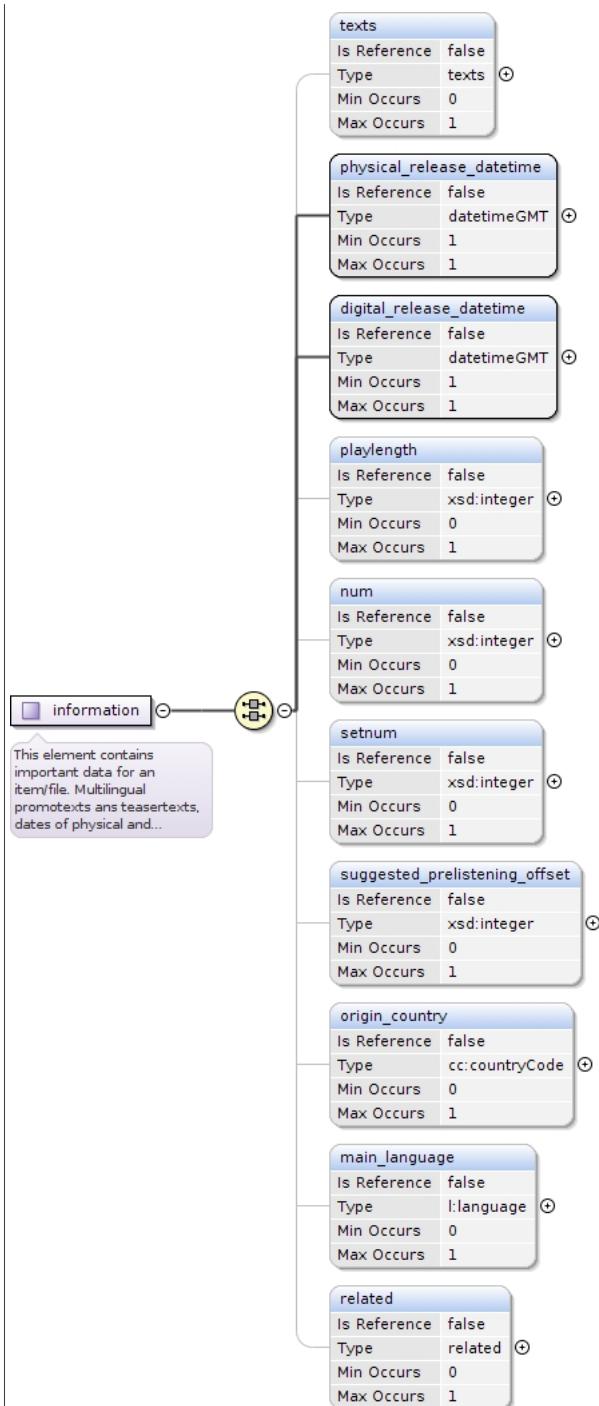
Namespace	No namespace
Diagram	<pre> classDiagram     publishable_url &lt; -- url     publishable_url --&gt; attributes : @ publishable     attributes &lt; -- xsd:boolean   </pre>
Type	extension of url
Type hierarchy	<ul style="list-style-type: none"> <li>xsd:anyURI</li> <li>url</li> <li>publishable_url</li> </ul>

Used by	Elements www/blog, www/facebook, www/homepage, www/myspace, www/phone, www/twitter				
Attributes	<b>QName</b>	<b>Type</b>	<b>Fixed</b>	<b>Default</b>	<b>Use</b>
	<b>publishable</b>	xsd:boolean			optional
Source	<pre>&lt;xsd:complexType name="publishable_url"&gt;   &lt;xsd:simpleContent&gt;     &lt;xsd:extension base="url"&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, 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.&lt;/xsd:documentation&gt;   &lt;/xsd:annotation&gt;   &lt;xsd:all&gt;     &lt;xsd:element name="texts" type="texts" maxOccurs="1" minOccurs="0"/&gt;     &lt;xsd:element name="physical_release_datetime" type="datetimeGMT" /&gt;   &lt;/xsd:all&gt; &lt;/xsd:complexType&gt; </pre>

```

<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

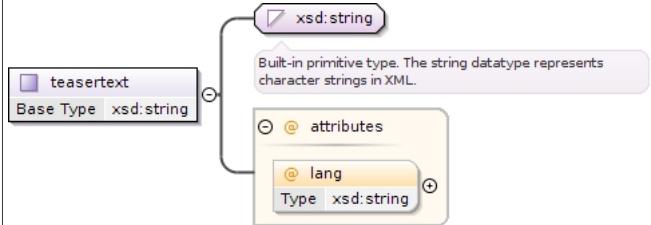
Namespace	No namespace
Annotations	This element contains multilingual promotexts ans teasertexts.
Diagram	<pre> classDiagram     class texts {         &lt;&lt;This element contains multilingual promotexts ans teasertexts.&gt;&gt;     }     class promotext {         Is Reference: false         Type: promotext         Min Occurs: 0         Max Occurs: unbounded     }     class teasertext {         Is Reference: false         Type: teasertext         Min Occurs: 0         Max Occurs: unbounded     }     texts "0..∞" --&gt;+ promotext     texts "0..∞" --&gt;+ teasertext   </pre>
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

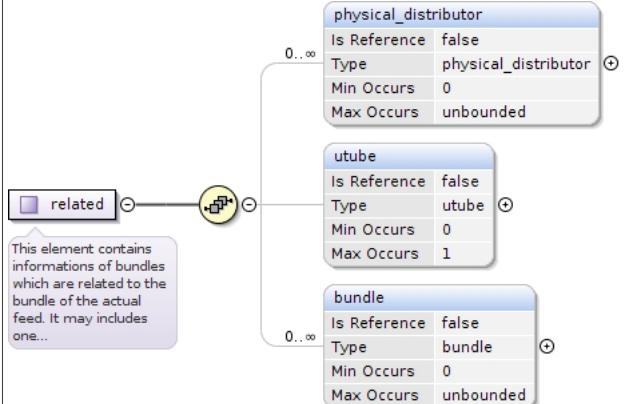
Namespace	No namespace										
Diagram	<pre> classDiagram     class promotext {         Base Type: xsd:string     }     class xsd:string {         &lt;&lt;Built-in primitive type. The string datatype represents character strings in XML.&gt;&gt;     }     promotext --&gt; xsd:string     promotext &lt; -- attributes     attribute @ lang {         Type: xsd:string     }   </pre>										
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
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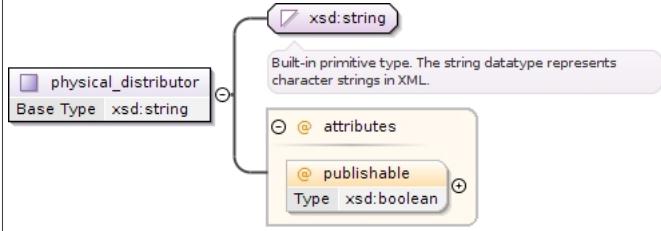
Diagram											
Type	extension of xsd:string										
Used by	Element texts/teasertext										
Attributes	<table border="1"> <thead> <tr> <th>QName</th><th>Type</th><th>Fixed</th><th>Default</th><th>Use</th></tr> </thead> <tbody> <tr> <td>lang</td><td>xsd:string</td><td></td><td></td><td>optional</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

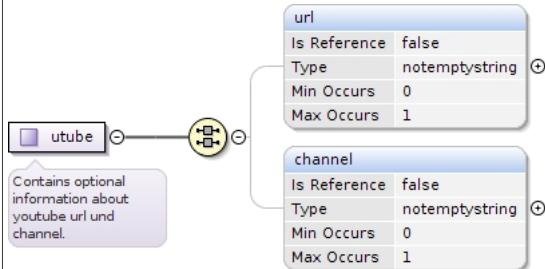
Namespace	No namespace
Annotations	This element contains informations of bundles which are related to the bundle of the actual feed. It may includes one or more physical distributors and one element "utube" which could include information about channel and url at youtube.
Diagram	
Used by	Element information/related
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="notemptystring" maxOccurs="1" minOccurs="0"/&gt;     &lt;xsd:element name="channel" type="notemptystring" 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	<pre> classDiagram     license_basis &lt; -- territorial     license_basis &lt; -- timeframe     license_basis &lt; -- pricing     license_basis &lt; -- streaming_allowed     license_basis &lt; -- channels      territorial {         Is Reference: false         Type: territorial         Min Occurs: 0         Max Occurs: 1     }     timeframe {         Is Reference: false         Type: timeframe         Min Occurs: 0         Max Occurs: 1     }     pricing {         Is Reference: false         Type: pricing         Min Occurs: 0         Max Occurs: 1     }     streaming_allowed {         Is Reference: false         Type: xsd:boolean         Min Occurs: 0         Max Occurs: 1     }     channels {         Is Reference: false         Type: channels         Min Occurs: 0         Max Occurs: 1     } </pre> <p>This element includes the basic rules and information under which this bundle is provided. The optional element...</p>
Used by	Element <code>bundle/license_basis</code>
Model	<code>ALL(territorial{0,1} timeframe{0,1} pricing{0,1} streaming_allowed{0,1} channels{0,1})</code>
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	<pre> classDiagram     territorial &lt; -- territory     territory {         Is Reference: false         Type: territory         Min Occurs: 0         Max Occurs: unbounded     } </pre> <p>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...</p>
Used by	Elements <code>license_basis/territorial, license_basis_item/territorial</code>
Model	<code>territory*</code>
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; </pre>

```
<xsd:sequence>
  <xsd:element name="territory" type="territory" maxOccurs="unbounded" minOccurs="0" />
</xsd:sequence>
</xsd:complexType>
```

## 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>The diagram illustrates the UML representation of the 'territory' complex type. It shows a class named 'territory' with a dependency arrow pointing to another class named 'cc:countryCode'. A note below 'territory' states: 'A territory includes one country code an the required attribute "type". Type can be "allow" or "disallow" and tells...'. A note next to the dependency arrow states: 'This element includes a list of ISO 3166-1 country codes.' A third note below 'cc:countryCode' states: '@ type allowance'. A note below the 'territory' class also states: 'A territory includes one country code an the required attribute "type". Type can be "allow" or "disallow" and tells...'.</p>										
Type	extension of countryCode										
Type hierarchy	<ul style="list-style-type: none"> <li>xsd:string</li> <li>countryCode</li> <li>territory</li> </ul>										
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="cc:countryCode"&gt;       &lt;xsd:attribute name="type" type="allowance" use="optional" /&gt;     &lt;/xsd:extension&gt;   &lt;/xsd:simpleContent&gt; &lt;/xsd:complexType&gt;</pre>										

## 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	<p>The diagram illustrates the UML representation of the 'timeframe' complex type. It shows a class named 'timeframe' with two attributes: 'from' and 'to'. Both attributes are of type 'datetimeGMT'. The 'from' attribute has a multiplicity of 'Min Occurs 1' and 'Max Occurs 1'. The 'to' attribute also has a multiplicity of 'Min Occurs 1' and 'Max Occurs 1'. A note below 'timeframe' states: 'Timeframe contains the most-recent-release-date from which on receiver may use this and the cancellation-date.' A note next to the 'from' attribute states: 'Is Reference false'.</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;</pre>

```
<xsd:element name="to" type="datetimeGMT" />
</xsd:sequence>
</xsd:complexType>
```

## 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]     pricing --&gt; wholesale[wholesale]     pricecode["Is Reference: false Type: xsd:string Min Occurs: 0 Max Occurs: 1"]     wholesale["Is Reference: false Type: xsd:string Min Occurs: 0 Max Occurs: 1"]     </pre>
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", "premium" or "ringtones".
Diagram	<pre> graph LR     channels[channels] --&gt; channel[channel]     channel["Is Reference: false Type: channel Min Occurs: 0 Max Occurs: unbounded"]     </pre>
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", "premium" or "ringtones".&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
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Annotations	A channels can be either "all", "ad supported", "premium" or "ringtones". The required attribute "type" regards to the allowance in reference to the channel. Type can be "allow" or "disallow".										
Diagram	<pre> classDiagram     class channel {         &lt;&lt;Base Type xsd:string&gt;&gt;         &lt;&lt;A channels can be either "all", "ad supported", "premium" or "ringtones". The required attribute "type" regards to the channel. Type can be "allow" or "disallow".&gt;&gt;         &lt;&lt;@ type&lt;br/&gt;Type allowance&gt;&gt;     }     channel &lt; -- xsd:string   </pre>										
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", "premium" or "ringtones". 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

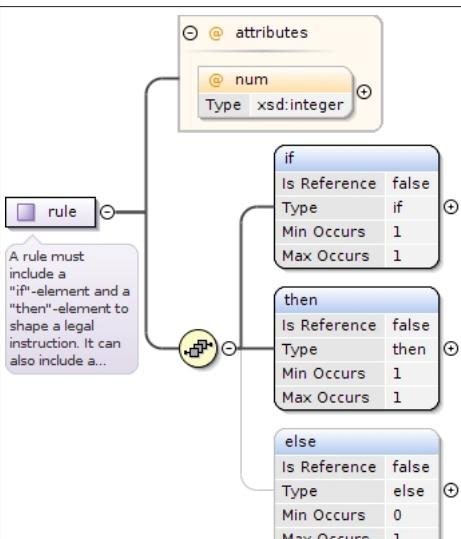
Namespace	No namespace
Annotations	This element includes specific rules which should be applied.
Diagram	<pre> classDiagram     class license_specifics {         &lt;&lt;This element includes specific rules which should be applied.&gt;&gt;     }     license_specifics --&gt; rule   </pre>
Used by	Element 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	<pre> classDiagram     class rules {         &lt;&lt;This element is a container for rules. It needs an ordered mode here - first come first match.&gt;&gt;     }     rules --&gt; rule   </pre>

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;   &lt;/xsd:annotation&gt;   &lt;xsd:sequence&gt;     &lt;xsd:element name="if" type="if"/&gt;     &lt;xsd:element name="then" type="then"/&gt;     &lt;xsd:element name="else" type="else" maxOccurs="1" minOccurs="0" /&gt;   &lt;/xsd:sequence&gt;   &lt;xsd:attribute name="num" type="xsd:integer"/&gt; &lt;/xsd:complexType&gt;</pre>										

## 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	<pre> classDiagram     class if {         what : xsd:string         operator : operator         value : xsd:string     }     note over if: 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...   </pre>
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. It also could include information "proclaim".
Diagram	<pre> classDiagram     class then {         proclaim : proclaim         echo : xsd:string         break : xsd:string     }     note over then: This element must be the second in a rule and includes information "echo" for debugging output and can include an...     class proclaim {         Is Reference: false         Type: proclaim         Min Occurs: 0         Max Occurs: unbounded     }   </pre>
Used by	Element rule/then
Model	proclaim*, echo{0,1} , break{0,1}
Children	break, echo, proclaim
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. It also could include information "proclaim".&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="echo" type="xsd:string" maxOccurs="1" minOccurs="0"/&gt;     &lt;xsd:element name="break" maxOccurs="1" minOccurs="0"/&gt;   &lt;/xsd:sequence&gt; &lt;/xsd:complexType&gt;   </pre>

</xsd:complexType>

## Complex Type proclaim

Namespace	No namespace
Annotations	This element includes the information what is affected and the corresponding value.
Diagram	<pre> classDiagram     class proclaim {         what : xsd:string         for : xsd:string     }     what {         Is Reference : false         Type : xsd:string         Min Occurs : 1         Max Occurs : 1     }     for {         Is Reference : false         Type : xsd:string         Min Occurs : 1         Max Occurs : 1     }   </pre>
Used by	Elements else/proclaim, then/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 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	<pre> classDiagram     class else {         proclaim : proclaim         break : proclaim     }     proclaim {         Is Reference : false         Type : proclaim         Min Occurs : 0         Max Occurs : unbounded     }     break {         Is Reference : false         Type : proclaim         Min Occurs : 0         Max Occurs : 1     }   </pre>
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 reporting

Namespace	No namespace
Annotations	This element contains information about reporting.

Diagram	<pre> classDiagram     class reporting {         &lt;&lt;This element contains information about reporting.&gt;&gt;     }     class realtime {         Is Reference: false         Type: realtime         Min Occurs: 1         Max Occurs: 1     }     class postponed {         Is Reference: false         Type: postponed         Min Occurs: 1         Max Occurs: 1     }      reporting --&gt; realtime     reporting --&gt; postponed   </pre>
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	<pre> classDiagram     class realtime {         &lt;&lt;This element contains http information for realtime reporting.&gt;&gt;     }     class http {         Is Reference: false         Type: http         Min Occurs: 1         Max Occurs: 1     }      realtime --&gt; http   </pre>
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	<pre> classDiagram     class postponed {         &lt;&lt;This element contains some info on reporting when doing the "usual" time-gap-reporting. Id is a ID of a reporting or...&gt;&gt;     }     class id {         Is Reference: false         Type: xsd:string         Min Occurs: 1         Max Occurs: 1     }      postponed --&gt; id   </pre>
Used by	Element      reporting/postponed
Model	id
Children	id
Source	<pre> &lt;xsd:complexType name="postponed"&gt;   </pre>

```

<xsd:annotation>
  <xsd:documentation xml:lang="en">This element contains some info on reporting when doing the
  "usual" time-gap-reporting. Id is a ID of a reporting or similar.</xsd:documentation>
</xsd:annotation>
<xsd:sequence>
  <xsd:element name="id" type="xsd:string" />
</xsd:sequence>
</xsd:complexType>

```

## Complex Type tags

Namespace	No namespace
Annotations	This element contains information about genres and more.
Diagram	<pre> classDiagram     class tags {         genres         bundle_only         explicit_lyrics         live         acoustic         instrumental     }     note over tags: This element contains information about genres and more.     </pre>
Used by	Elements bundle/tags, item/tags
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
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:element name="live" type="xsd:boolean" maxOccurs="1" minOccurs="0"/&gt;     &lt;xsd:element name="acoustic" type="xsd:boolean" maxOccurs="1" minOccurs="0"/&gt;     &lt;xsd:element name="instrumental" type="xsd:boolean" maxOccurs="1" minOccurs="0"/&gt;   &lt;/xsd:all&gt; &lt;/xsd:complexType&gt; </pre>

## Complex Type genres

Namespace	No namespace
Annotations	This element contains a list of genres.

Diagram	<pre> graph LR     genres[genres] -- "0..∞" --&gt; genre[genre]     subgraph Note [ ]         This element contains a list of genres.     end     genre["Is Reference: false&lt;br/&gt;Type: g:genre&lt;br/&gt;Min Occurs: 0&lt;br/&gt;Max Occurs: unbounded"] </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>

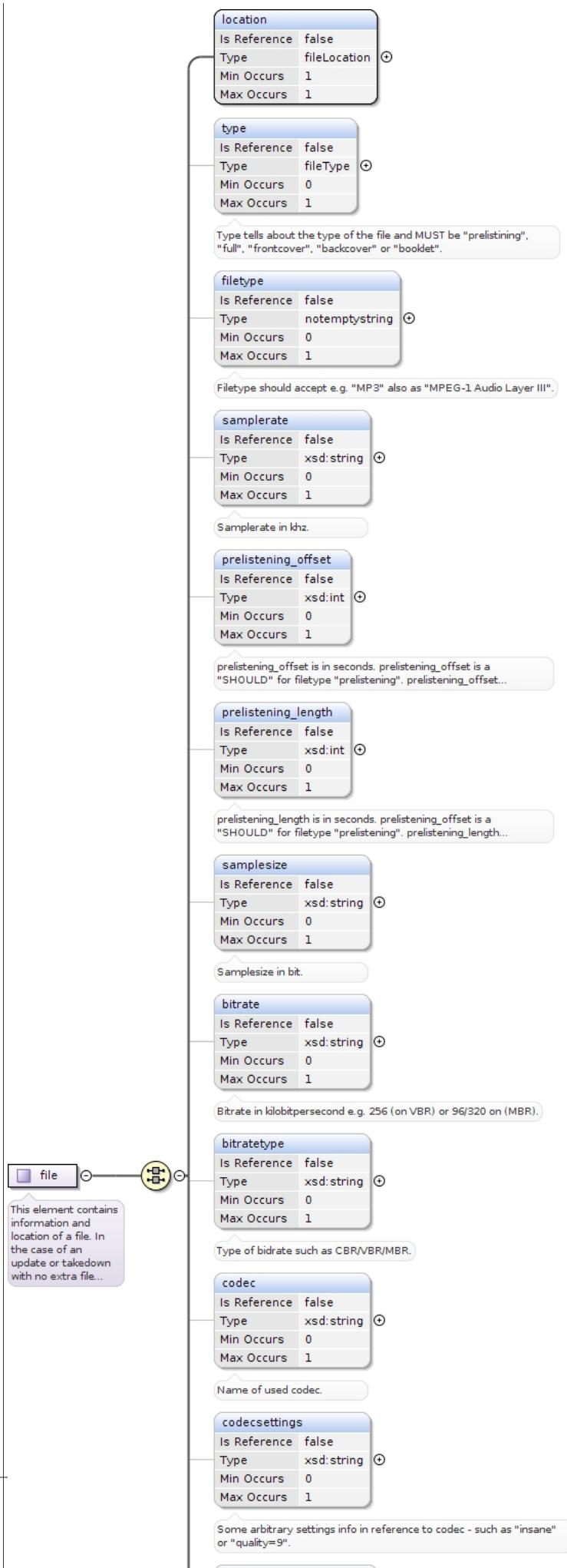
## Complex Type files

Namespace	No namespace
Annotations	This element contains a list of files.
Diagram	<pre> graph LR     files[files] -- "0..∞" --&gt; file[file]     subgraph Note [ ]         This element contains a list of files.     end     file["Is Reference: false&lt;br/&gt;Type: file&lt;br/&gt;Min Occurs: 0&lt;br/&gt;Max Occurs: unbounded"] </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. In the case of an update or takedown with no extra file given, set "no_file_given" to "true"

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} no_file_given{0,1} comment{0,1})
Children		bitrate, bitratetype, bytes, channels, checksums, codec, codecsettings, comment, decryptinfo, dimension, filetype, location, no_file_given, 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.     In the case of an update or takedown with no extra file given, set "no_file_given" to "true" &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="notemptystring" 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;   </pre>

```

<xsd:element name="dimension" type="dimension" maxOccurs="1" minOccurs="0"/>
<xsd:element name="decryptinfo" type="decryptinfo" maxOccurs="1" minOccurs="0"/>
<xsd:element name="no_file_given" type="xsd:boolean" maxOccurs="1" minOccurs="0"/>
<xsd:element name="comment" minOccurs="0" type="xsd:string"/>
</xsd:all>
</xsd:complexType>

```

## 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 {         origin_file         http         ftp         path     }     origin_file {         Is Reference: false         Type: xsd:string         Min Occurs: 0         Max Occurs: 1     }     http {         Is Reference: false         Type: fileHttp         Min Occurs: 0         Max Occurs: 1     }     ftp {         Is Reference: false         Type: fileFtp         Min Occurs: 0         Max Occurs: 1     }     path {         Is Reference: false         Type: xsd:string         Min Occurs: 0         Max Occurs: 1     }     note left of fileLocation: This element contains the path to the corresponding file. File can be accessible via path, http or ftp.   </pre>
Used by	Element file/location
Model	ALL(origin_file{0,1} http{0,1} ftp{0,1} path{0,1})
Children	ftp, http, origin_file, 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="origin_file" 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:element name="path" type="xsd:string" maxOccurs="1" minOccurs="0"/&gt;   &lt;/xsd:all&gt; &lt;/xsd:complexType&gt; </pre>

## Complex Type fileHttp

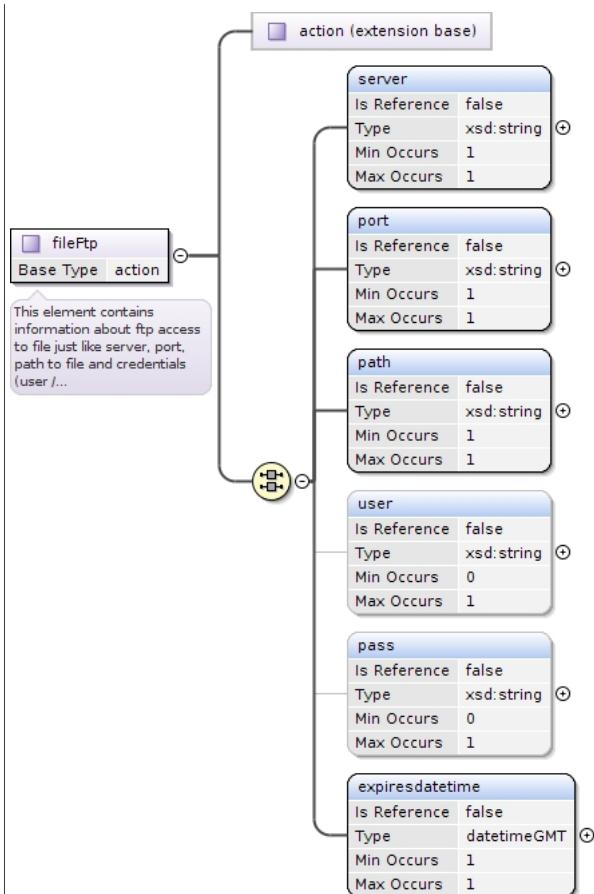
Namespace	No namespace
Annotations	This element contains information about http access to file.

Diagram	<pre> classDiagram     class action {         &lt;&lt;extension base&gt;&gt;     }     class fileHttp {         &lt;&lt;action&gt;&gt;     }     fileHttp --&gt; action     class url {         type url         minOccurs 1         maxOccurs 1     }     class user {         type notemptystring         minOccurs 0         maxOccurs 1     }     class pass {         type notemptystring         minOccurs 0         maxOccurs 1     }     class expiresdatetime {         type datetimeGMT         minOccurs 1         maxOccurs 1     }     url &lt; --&gt; user     user &lt; --&gt; pass     pass &lt; --&gt; 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="notemptystring" maxOccurs="1" minOccurs="0"/&gt;         &lt;xsd:element name="pass" type="notemptystring" 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 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



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;/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="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> graph LR     checksums[checksums] --- md5[md5]     checksums --- sha1[sha1]     checksums --- sha256[sha256]     </pre> <table border="1"> <tr><td>md5</td></tr> <tr><td>Is Reference</td><td>false</td></tr> <tr><td>Type</td><td>md5</td></tr> <tr><td>Min Occurs</td><td>0</td></tr> <tr><td>Max Occurs</td><td>1</td></tr> </table> <table border="1"> <tr><td>sha1</td></tr> <tr><td>Is Reference</td><td>false</td></tr> <tr><td>Type</td><td>sha1</td></tr> <tr><td>Min Occurs</td><td>0</td></tr> <tr><td>Max Occurs</td><td>1</td></tr> </table> <table border="1"> <tr><td>sha256</td></tr> <tr><td>Is Reference</td><td>false</td></tr> <tr><td>Type</td><td>sha256</td></tr> <tr><td>Min Occurs</td><td>0</td></tr> <tr><td>Max Occurs</td><td>1</td></tr> </table> <p>This element contains checksums for the file.</p>	md5	Is Reference	false	Type	md5	Min Occurs	0	Max Occurs	1	sha1	Is Reference	false	Type	sha1	Min Occurs	0	Max Occurs	1	sha256	Is Reference	false	Type	sha256	Min Occurs	0	Max Occurs	1
md5																												
Is Reference	false																											
Type	md5																											
Min Occurs	0																											
Max Occurs	1																											
sha1																												
Is Reference	false																											
Type	sha1																											
Min Occurs	0																											
Max Occurs	1																											
sha256																												
Is Reference	false																											
Type	sha256																											
Min Occurs	0																											
Max Occurs	1																											
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="md5" maxOccurs="1" minOccurs="0"/&gt;         &lt;xsd:element name="sha1" type="sha1" maxOccurs="1" minOccurs="0"/&gt;         &lt;xsd:element name="sha256" type="sha256" 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] --- width[width]     dimension --- height[height]     </pre> <table border="1"> <tr><td>width</td></tr> <tr><td>Is Reference</td><td>false</td></tr> <tr><td>Type</td><td>xsd:integer</td></tr> <tr><td>Min Occurs</td><td>1</td></tr> <tr><td>Max Occurs</td><td>1</td></tr> </table> <table border="1"> <tr><td>height</td></tr> <tr><td>Is Reference</td><td>false</td></tr> <tr><td>Type</td><td>xsd:integer</td></tr> <tr><td>Min Occurs</td><td>1</td></tr> <tr><td>Max Occurs</td><td>1</td></tr> </table> <p>This element contains entries for the dimension (width and height) of the file.</p>	width	Is Reference	false	Type	xsd:integer	Min Occurs	1	Max Occurs	1	height	Is Reference	false	Type	xsd:integer	Min Occurs	1	Max Occurs	1
width																			
Is Reference	false																		
Type	xsd:integer																		
Min Occurs	1																		
Max Occurs	1																		
height																			
Is Reference	false																		
Type	xsd:integer																		
Min Occurs	1																		
Max Occurs	1																		
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> classDiagram     class decryptinfo {         cipher         initvector         key         bytes         checksums     }     cipher &lt;--&gt; decryptinfo     initvector &lt;--&gt; decryptinfo     key &lt;--&gt; decryptinfo     bytes &lt;--&gt; decryptinfo     checksums &lt;--&gt; decryptinfo     cipher &lt;--&gt; cipherDoc     initvector &lt;--&gt; ivDoc     key &lt;--&gt; keyDoc     bytes &lt;--&gt; bytesDoc     checksums &lt;--&gt; checksumsDoc     </pre> <p>This element contains information about decryption of corresponding file.</p>
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:all&gt;         &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;         &lt;xsd:element name="initvector" type="xsd:string" minOccurs="0" maxOccurs="1"/&gt;         &lt;xsd:element name="key" type="xsd:string" minOccurs="0" maxOccurs="1"/&gt;         &lt;xsd:element name="bytes" type="xsd:string" minOccurs="0" maxOccurs="1"/&gt;         &lt;xsd:element name="checksums" type="checksums" minOccurs="0" maxOccurs="1"/&gt;     &lt;/xsd:all&gt; &lt;/xsd:complexType&gt;     </pre>

## 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         url     }     pos &lt;--&gt; purchase     url &lt;--&gt; purchase     pos &lt;--&gt; posDoc     url &lt;--&gt; urlDoc     </pre> <p>This element contains information about purchase. Mostly when this feeds recipient is a POS.</p>
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="notemptystring"/&gt;     &lt;xsd:element name="url" type="notemptystring"/&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     class territorial     class timeframe     class pricing     class streaming_allowed     class channels     class as_on_bundle      license_basis_item -- territorial     license_basis_item -- timeframe     license_basis_item -- pricing     license_basis_item -- streaming_allowed     license_basis_item -- channels     license_basis_item -- as_on_bundle   </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;   &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:element name="as_on_bundle" type="xsd:boolean" maxOccurs="1" minOccurs="0"/&gt;   &lt;/xsd:all&gt; &lt;/xsd:complexType&gt;</pre>

## Complex Type license\_specifics\_item

Namespace	No namespace
Annotations	This element includes specific rules which should be applied.
Diagram	<pre> graph LR     A[license_specifics_item] -- "1..2" --&gt; B[ ]     B --- C[rules]     B --- D[as_on_bundle]     C -- "Is Reference: false" --&gt; E[Min Occurs: 0]     C -- "Is Reference: false" --&gt; F[Max Occurs: 1]     D -- "Is Reference: false" --&gt; G[Min Occurs: 0]     D -- "Is Reference: false" --&gt; H[Max Occurs: 1]   </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> graph LR     A[fingerprint] -- "0..1" --&gt; B[ ]     B --- C[echoprint]     C -- "Is Reference: false" --&gt; D[Min Occurs: 0]     C -- "Is Reference: false" --&gt; E[Max Occurs: 1]   </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     class event {         &lt;&lt;extension base&gt;&gt;         &lt;&lt;oninitialreceive&gt;&gt;         mailto         http         fax         letter         nothing     }     oninitialreceive --&gt; event : Base Type     mailto "0..∞"     http "0..∞"     fax "0..∞"     letter "0..∞"     nothing "0..∞"   </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</li> <li>• oninitialreceive</li> </ul>
Model	mailto* , http* , fax* , letter* , nothing{0,1}
Children	fax, http, letter, mailto, nothing
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     class onprocessstart {         &lt;&lt;onprocessstart&gt;&gt;         &lt;&lt;event&gt;&gt;     }     event &lt; -- onprocessstart     class mailto {         &lt;&lt;mailto&gt;&gt;         &lt;&lt;event&gt;&gt;     }     class http {         &lt;&lt;http&gt;&gt;         &lt;&lt;event&gt;&gt;     }     class fax {         &lt;&lt;fax&gt;&gt;         &lt;&lt;event&gt;&gt;     }     class letter {         &lt;&lt;letter&gt;&gt;         &lt;&lt;event&gt;&gt;     }     class nothing {         &lt;&lt;nothing&gt;&gt;         &lt;&lt;event&gt;&gt;     }      onprocessstart "0..∞" --&gt; mailto     onprocessstart "0..∞" --&gt; http     onprocessstart "0..∞" --&gt; fax     onprocessstart "0..∞" --&gt; letter     onprocessstart "0..∞" --&gt; nothing   </pre> <p>This element contains information about what should be done on the start of processing the feed.</p>
Type	extension of event
Type hierarchy	<ul style="list-style-type: none"> <li>• event</li> <li>• onprocessstart</li> </ul>
Model	mailto* , http* , fax* , letter* , nothing{0,1}
Children	fax, http, letter, mailto, nothing
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>

## 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     class event {         &lt;&lt;extension base&gt;&gt;         &lt;&lt;onprocessend&gt;&gt;         &lt;&lt;event&gt;&gt;         mailto         http         fax         letter         nothing     }     event "0..&gt;" --&gt; mailto     event "0..&gt;" --&gt; http     event "0..&gt;" --&gt; fax     event "0..&gt;" --&gt; letter     event "0..&gt;" --&gt; nothing   </pre> <p>This diagram illustrates the schema's extension mechanism. The 'event' type is defined as an extension base. It has five associations: 'mailto', 'http', 'fax', 'letter', and 'nothing'. Each association is multiplicity 0..&gt; at the source end and 0..&gt; at the target end. The 'mailto', 'http', 'fax', and 'letter' associations have their 'Type' set to the corresponding event type ('mailto', 'http', 'fax', 'letter'). The 'nothing' association has its 'Type' set to 'nothing'. A note indicates that this element contains information about what should be done on the end of processing the feed.</p>
Type	extension of event
Type hierarchy	<ul style="list-style-type: none"> <li>• event</li> <li>• onprocessend</li> </ul>
Model	mailto* , http* , fax* , letter* , nothing{0,1}
Children	fax, http, letter, mailto, nothing
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     class onfullsuccess {         &lt;&lt;Base Type event&gt;&gt;         &lt;&lt;This element contains information about what should be done on full success processing the feed.&gt;&gt;         &lt;&lt;This element contains information about possible events and actions.&gt;&gt;     }     class event {         &lt;&lt;extension base&gt;&gt;     }     onfullsuccess "0..oo" --&gt; event :      onfullsuccess "0..oo" --&gt; mailto :      onfullsuccess "0..oo" --&gt; http :      onfullsuccess "0..oo" --&gt; fax :      onfullsuccess "0..oo" --&gt; letter :     class mailto {         Is Reference: false         Type: mailto         Min Occurs: 0         Max Occurs: unbounded     }     class http {         Is Reference: false         Type: http         Min Occurs: 0         Max Occurs: unbounded     }     class fax {         Is Reference: false         Type: fax         Min Occurs: 0         Max Occurs: unbounded     }     class letter {         Is Reference: false         Type: letter         Min Occurs: 0         Max Occurs: unbounded     }     class nothing {         Is Reference: false         Type: nothing         Min Occurs: 0         Max Occurs: 1     } </pre>
Type	extension of event
Type hierarchy	<ul style="list-style-type: none"> <li>• event</li> <li>• onfullsuccess</li> </ul>
Model	mailto* , http* , fax* , letter* , nothing{0,1}
Children	fax, http, letter, mailto, nothing
Source	<pre> &lt;xsd:complexType name="onfullsuccess"&gt;     &lt;xsd:annotation&gt;         &lt;xsd:documentation xml:lang="en"&gt;This element contains information about what should be done on full success 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 onerror

Namespace	No namespace
Annotations	This element contains information about what should be done on error processing the feed.

Diagram	<pre> classDiagram     event &lt; -- onerror     event --&gt; mailto     event --&gt; http     event --&gt; fax     event --&gt; letter     event --&gt; nothing     note over onerror: This element contains information about what should be done on error processing the feed.     note over event: This element contains information about possible events and actions.   </pre>
Type	extension of event
Type hierarchy	<ul style="list-style-type: none"> <li>• event</li> <li>• onerror</li> </ul>
Model	mailto*, http*, fax*, letter*, nothing{0,1}
Children	fax, http, letter, mailto, nothing
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 notemptystring

Namespace	No namespace	
Diagram	<pre> classDiagram     notemptystring &lt; -- xsd:string     note over notemptystring: Built-in primitive type. The string datatype represents character strings in XML.   </pre>	
Type	restriction of xsd:string	
Facets	minLength 1	
Used by	Elements	bundle/display_artistname, bundle/displayname, bundle/name, bundle/version, contributor/name, costscoveredby/contractpartnerid, costscoveredby/maxcostcovered, costscoveredby/ourcontractpartnerid, feedinfo/feedid, file/filetype, fileHttp/pass, fileHttp/user, ids/labelordernum, ids/licensee, ids/licensor, purchase/pos, purchase/url, to/additionaladdressinfo, to/department, to/name, to/nameperson, to/postcode, to/street, utube/channel, utube/url
	Simple Types	md5, sha1, sha256
Source	<pre> &lt;xsd:simpleType name="notemptystring"&gt;   &lt;xsd:restriction base="xsd:string"&gt;   </pre>	

```
<xsd:minLength value="1"/>
</xsd:restriction>
</xsd:simpleType>
```

### Simple Type `datetimeGMT`

Namespace	No namespace
Diagram	
Type	restriction of <code>xsd:string</code>
Facets	pattern <code>\d{4}-\d{2}-\d{2} \d{2}:\d{2}:\d{2} GMT+\d{2}:\d{2}</code>
Used by	Elements feedinfo/creationdatetime, feedinfo/effectivedatetime, fileFtp/expiredatetime, fileHttp/expiredatetime, information/digital_release_datetime, information/physical_release_datetime, timeframe/from, timeframe/to
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 NMOKENS or such ... --&gt;   &lt;/xsd:restriction&gt; &lt;/xsd:simpleType&gt;</pre>

### Simple Type `email`

Namespace	No namespace
Diagram	
Type	restriction of <code>xsd:string</code>
Facets	pattern <code>(( [a-zA-Z0-9_-]\-\. )+)@[a-zA-Z0-9-]+(\.[a-zA-Z0-9-]+)*(\.[a-zA-Z]{2,3})?</code>
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	<code>xsd:string</code>
Used by	Element creator/userid

```
<xsd:simpleType name="userid">
  <xsd:restriction base="xsd:string" />
</xsd:simpleType>
```

### Simple Type `receivertypes`

Namespace	No namespace
Diagram	
Type	restriction of <code>xsd:string</code>

Facets	enumeration	ftp
	enumeration	ftps
	enumeration	sftp
	enumeration	webdav
	enumeration	openSDX fileserver
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	<pre> graph LR     iporhostname[xporhostname] --&gt; xsdstring[xsd:string]     </pre> <p>Built-in primitive type. The string datatype represents character strings in XML.</p>
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	<pre> graph LR     ipv4[ipv4] --&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	<p>pattern</p> $(25[0-5] 2[0-4][0-9] 1[0-9][0-9] 1[0-9]{1,2})\\.(25[0-5] 2[0-4][0-9] 1[0-9][0-9] 1[0-9]{1,2}))\\.(25[0-5] 2[0-4][0-9] 1[0-9][0-9] 1[0-9]{1,2}))\\.(25[0-5] 2[0-4][0-9] 1[0-9][0-9] 1[0-9]{1,2})$
Used by	Element receiver/serveripv4
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}))\\.(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})" /&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	<pre> graph LR     ipv6[ipv6] --&gt; xsdstring[xsd:string]     </pre> <p>Built-in primitive type. The string datatype represents character strings in XML.</p>

Type	xsd:string
Used by	Element receiver/serveripv6
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	<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>login</td> </tr> <tr> <td>enumeration</td> <td>keyfile</td> </tr> <tr> <td>enumeration</td> <td>kerberos</td> </tr> <tr> <td>enumeration</td> <td>keyfile+login</td> </tr> <tr> <td>enumeration</td> <td>keyfile+username</td> </tr> </table>	enumeration	login	enumeration	keyfile	enumeration	kerberos	enumeration	keyfile+login	enumeration	keyfile+username
enumeration	login										
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

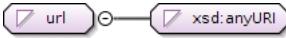
Namespace	No namespace
Diagram	<p>Built-in primitive type. The string datatype represents character strings in XML.</p>
Type	xsd:string
Used by	Element crypto/usedkeyid
Source	<pre>&lt;xsd:simpleType name="keyid"&gt;   &lt;xsd:restriction base="xsd:string"&gt;   &lt;/xsd:restriction&gt; &lt;/xsd:simpleType&gt;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

### Simple Type url

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

Diagram	 Built-in primitive type. The anyURI datatype represents a Uniform Resource Identifier Reference (URI).				
Type	restriction of xsd:anyURI				
Facets	<table> <tr> <td>minLength</td> <td>1</td> </tr> <tr> <td>pattern</td> <td>(http://...*\....*)   (https://...*\....*)</td> </tr> </table>	minLength	1	pattern	(http://...*\....*)   (https://...*\....*)
minLength	1				
pattern	(http://...*\....*)   (https://...*\....*)				
Used by	<table> <tr> <td>Elements</td> <td>fileHttp/url, http/url</td> </tr> <tr> <td>Complex Type</td> <td>publishable_url</td> </tr> </table>	Elements	fileHttp/url, http/url	Complex Type	publishable_url
Elements	fileHttp/url, http/url				
Complex Type	publishable_url				
Source	<pre>&lt;xsd:simpleType name="url"&gt;   &lt;xsd:restriction base="xsd:anyURI"&gt;     &lt;xsd:minLength value="1"/&gt;     &lt;xsd:pattern value="http://...*\....*"/&gt;     &lt;xsd:pattern value="https://...*\....*"/&gt;   &lt;/xsd:restriction&gt; &lt;/xsd:simpleType&gt;</pre>				

### Simple Type httpmethods

Namespace	No namespace						
Diagram	 Built-in primitive type. The string datatype represents character strings in XML.						
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 nothing

Namespace	No namespace
Diagram	 Built-in primitive type. The string datatype represents character strings in XML.
Type	restriction of xsd:string
Facets	length 0
Used by	Element event/nothing
Source	<pre>&lt;xsd:simpleType name="nothing"&gt;   &lt;xsd:restriction base="xsd:string"&gt;     &lt;xsd:length value="0"/&gt;   &lt;/xsd:restriction&gt; &lt;/xsd:simpleType&gt;</pre>

### Simple Type grid

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

Type	restriction of xsd:string	
Facets	minLength	18
Used by	Element	ids/grid
Source	<pre>&lt;xsd:simpleType name="grid"&gt;   &lt;!-- examples: http://en.wikipedia.org/wiki/Global_Release_Identifier     A12425GABC1234002M     A1-2425G-ABC1234002-M     Grid:A1-2425G-ABC1234002-M --&gt;   &lt;xsd:restriction base="xsd:string"&gt;     &lt;xsd:minLength value="18"/&gt;   &lt;/xsd:restriction&gt; &lt;/xsd:simpleType&gt;</pre>	

### Simple Type upc

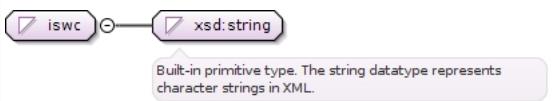
Namespace	No namespace	
Diagram	<p>Built-in primitive type. The string datatype represents character strings in XML.</p>	
Type	restriction of xsd:string	
Facets	pattern	(\d{10,13})
Used by	Element	ids/upc
Source	<pre>&lt;xsd:simpleType name="upc"&gt;   &lt;xsd:restriction base="xsd:string"&gt;     &lt;xsd:pattern 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

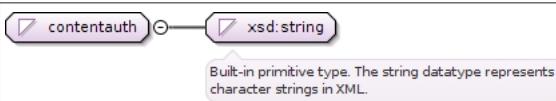
Namespace	No namespace	
Diagram	<p>Built-in primitive type. The string datatype represents character strings in XML.</p>	
Type	restriction of xsd:string	
Facets	minLength	1
	pattern	([a-zA-Z]{2}(-)?[0-9a-zA-Z]{3}(-)?\d{2}(-)?\d{5})
Used by	Element	ids/isrc
Source	<pre>&lt;xsd:simpleType name="isrc"&gt;   &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:minLength value="1"/&gt;   &lt;/xsd:restriction&gt; &lt;/xsd:simpleType&gt;</pre>	

### Simple Type iswc

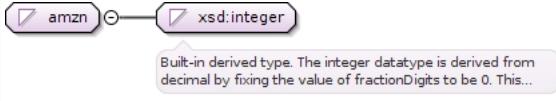
Namespace	No namespace
-----------	--------------

Diagram	
Type	restriction of xsd:string
Facets	minLength 1
Used by	Element ids/iswc
Source	<pre>&lt;xsd:simpleType name="iswc"&gt;   &lt;xsd:restriction base="xsd:string"&gt;     &lt;xsd:minLength value="1"/&gt;   &lt;/xsd:restriction&gt; &lt;/xsd:simpleType&gt;</pre>

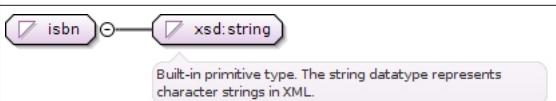
### Simple Type contentauth

Namespace	No namespace
Diagram	
Type	restriction of xsd:string
Facets	minLength 1
Used by	Element ids/contentauth
Source	<pre>&lt;xsd:simpleType name="contentauth"&gt;   &lt;xsd:restriction base="xsd:string"&gt;     &lt;xsd:minLength value="1"/&gt;   &lt;/xsd:restriction&gt; &lt;/xsd:simpleType&gt;</pre>

### Simple Type amzn

Namespace	No namespace
Diagram	
Type	restriction of xsd:integer
Facets	minExclusive 0
Used by	Element ids/amzn
Source	<pre>&lt;xsd:simpleType name="amzn"&gt;   &lt;!-- example: http://de.wikipedia.org/wiki/Amazon_Standard_Identification_Number --&gt;   &lt;xsd:restriction base="xsd:integer"&gt;     &lt;xsd:minExclusive value="0"/&gt;   &lt;/xsd:restriction&gt; &lt;/xsd:simpleType&gt;</pre>

### Simple Type isbn

Namespace	No namespace
Diagram	
Type	restriction of xsd:string
Facets	pattern (\d{1}-\d{5}-\d{3}-\d{1}  \d{1}-\d{3}-\d{5}-\d{1}  \d{1}-\d{2}-\d{6}-\d{1}  \d{3}-\d{1}-\d{6}-\d{2}-\d{1})
Used by	Element ids/isbn
Source	<pre>&lt;xsd:simpleType name="isbn"&gt;</pre>

```
<!-- 978-3-943061-03-1
      ISBN-10: 3943061035 - ISBN-13: 9783943061031 -->
<xsd:restriction base="xsd:string">
  <xsd:pattern value="(\d{1}-\d{5}-\d{3}-\d{1}|\d{1}-\d{3}-\d{5}-\d{1}|\d{1}-\d{2}-\d{6}-\d{1}|
\d{3}-\d{1}-\d{6}-\d{2}-\d{1})">
    <xsd:annotation>
      <xsd:documentation xml:lang="en">The International Standard Book Number (ISBN) is a unique
numeric commercial book identifier based upon the 9-digit Standard Book Numbering (SBN) code.</
xsd:documentation>
    </xsd:annotation>
  </xsd:pattern>
</xsd:restriction>
</xsd:simpleType>
```

## Simple Type finetunes

Namespace	No namespace								
Diagram	<p>Built-in derived type. The long datatype is derived from integer by setting the value of maxInclusive to be...</p>								
Type	restriction of xsd:long								
Facets	<table> <tr> <td>totalDigits</td> <td>13</td> </tr> <tr> <td>maxExclusive</td> <td>2000000000000</td> </tr> <tr> <td>minExclusive</td> <td>1000000000000</td> </tr> <tr> <td>pattern</td> <td>([\u00b7-+]?[0-9]+) &amp; ([0-9]{13})</td> </tr> </table>	totalDigits	13	maxExclusive	2000000000000	minExclusive	1000000000000	pattern	([\u00b7-+]?[0-9]+) & ([0-9]{13})
totalDigits	13								
maxExclusive	2000000000000								
minExclusive	1000000000000								
pattern	([\u00b7-+]?[0-9]+) & ([0-9]{13})								
Used by	Element      ids/finetunes								
Source	<pre>&lt;xsd:simpleType name="finetunes"&gt;   &lt;xsd:restriction base="xsd:long"&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:totalDigits value="13"/&gt;     &lt;xsd:minExclusive value="1000000000000"/&gt;     &lt;xsd:maxExclusive value="2000000000000"/&gt;     &lt;xsd:pattern value="[0-9]{13}" /&gt;   &lt;/xsd:restriction&gt; &lt;/xsd:simpleType&gt;</pre>								

## Simple Type gvl

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>minLength</td> <td>8</td> </tr> <tr> <td>pattern</td> <td>LC \d{5}</td> </tr> </table>	minLength	8	pattern	LC \d{5}
minLength	8				
pattern	LC \d{5}				
Used by	Element      ids/gvl				
Source	<pre>&lt;xsd:simpleType name="gvl"&gt;   &lt;xsd:restriction base="xsd:string"&gt;     &lt;xsd:minLength value="8"/&gt;     &lt;xsd:pattern value="LC \d{5}" /&gt;   &lt;/xsd:restriction&gt; &lt;/xsd:simpleType&gt;</pre>				

## Simple Type amg

Namespace	No namespace
Diagram	<p>Built-in primitive type. The string datatype represents character strings in XML.</p>

Type	restriction of xsd:string	
Facets	minLength	1
Used by	Element	ids/amg
Source	<pre>&lt;xsd:simpleType name="amg"&gt;   &lt;xsd:restriction base="xsd:string"&gt;     &lt;xsd:minLength value="1"/&gt;   &lt;/xsd:restriction&gt; &lt;/xsd:simpleType&gt;</pre>	

## Simple Type contributorType

Namespace	No namespace																																																			
Diagram	<p>A UML class diagram showing a class named 'contributorType' with a hollow diamond symbol indicating it is derived from 'xsd:string'. A callout bubble below the diagram states: '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>orchestra</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>author</td></tr> <tr><td>enumeration</td><td>arranger</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	orchestra	enumeration	display_artist	enumeration	singer	enumeration	composer	enumeration	mixer	enumeration	remixer	enumeration	producer	enumeration	author	enumeration	arranger	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	orchestra																																																			
enumeration	display_artist																																																			
enumeration	singer																																																			
enumeration	composer																																																			
enumeration	mixer																																																			
enumeration	remixer																																																			
enumeration	producer																																																			
enumeration	author																																																			
enumeration	arranger																																																			
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;   &lt;xsd:restriction base="xsd:string"&gt;     &lt;xsd:enumeration value="label"/&gt;     &lt;xsd:enumeration value="performer"/&gt;     &lt;xsd:enumeration value="texter"/&gt;     &lt;xsd:enumeration value="editor"/&gt;     &lt;xsd:enumeration value="conductor"/&gt;     &lt;xsd:enumeration value="orchestra"/&gt;     &lt;xsd:enumeration value="display_artist"/&gt;     &lt;xsd:enumeration value="singer"/&gt;     &lt;xsd:enumeration value="composer"/&gt;     &lt;xsd:enumeration value="mixer"/&gt;     &lt;xsd:enumeration value="remixer"/&gt;     &lt;xsd:enumeration value="producer"/&gt;     &lt;xsd:enumeration value="author"/&gt;</pre>																																																			

```

<xsd:enumeration value="arranger" />
<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 year

Namespace	No namespace
Diagram	<p>Built-in derived type. The integer datatype is derived from decimal by fixing the value of fractionDigits to be 0. This...</p>
Type	restriction of xsd:integer
Facets	totalDigits 4
Used by	Element contributor/year
Source	<pre> &lt;xsd:simpleType name="year"&gt;   &lt;xsd:restriction base="xsd:integer"&gt;     &lt;xsd:totalDigits value="4"/&gt;   &lt;/xsd:restriction&gt; &lt;/xsd:simpleType&gt; </pre>

## 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	<div style="border: 1px solid gray; padding: 5px; margin-top: 5px;">         Built-in primitive type. The string datatype represents character strings in XML.       </div>							
Type	restriction of xsd:string							
Facets	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="padding: 2px;">enumeration</td> <td style="padding: 2px;">true</td> </tr> <tr> <td style="padding: 2px;">enumeration</td> <td style="padding: 2px;">false</td> </tr> <tr> <td style="padding: 2px;">enumeration</td> <td style="padding: 2px;">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	<div style="border: 1px solid gray; padding: 5px; margin-top: 5px;">         Built-in primitive type. The string datatype represents character strings in XML.       </div>											
Type	restriction of xsd:string											
Facets	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="padding: 2px;">enumeration</td> <td style="padding: 2px;">full</td> </tr> <tr> <td style="padding: 2px;">enumeration</td> <td style="padding: 2px;">prelistening</td> </tr> <tr> <td style="padding: 2px;">enumeration</td> <td style="padding: 2px;">frontcover</td> </tr> <tr> <td style="padding: 2px;">enumeration</td> <td style="padding: 2px;">backcover</td> </tr> <tr> <td style="padding: 2px;">enumeration</td> <td style="padding: 2px;">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 md5

Namespace	No namespace	
Diagram		
Type	restriction of notemptystring	

Type hierarchy	<ul style="list-style-type: none"> <li>xsd:string           <ul style="list-style-type: none"> <li>notemptystring</li> <li>md5</li> </ul> </li> </ul>	
Facets	minLength	8
	pattern	(( [A-F0-9]{2}: ){15} [A-F0-9]{2} )   ([a-f0-9]{32})
Used by	Element	checksums/md5
Source	<pre>&lt;xsd:simpleType name="md5"&gt;   &lt;xsd:restriction base="notemptystring"&gt;     &lt;xsd:minLength value="8"/&gt;     &lt;xsd:pattern value="([A-F0-9]{2}: ){15} [A-F0-9]{2}" /&gt;     &lt;xsd:pattern value="[a-f0-9]{32}" /&gt;   &lt;/xsd:restriction&gt; &lt;/xsd:simpleType&gt;</pre>	

## Simple Type sha1

Namespace	No namespace	
Diagram	<pre> graph LR     sha1["sha1"] --&gt; restriction  notemptystring["notemptystring"]     style sha1 fill:#e0e0ff,stroke:#808080     style notemptystring fill:#e0e0ff,stroke:#808080   </pre>	
Type	restriction of notemptystring	
Type hierarchy	<ul style="list-style-type: none"> <li>xsd:string           <ul style="list-style-type: none"> <li>notemptystring</li> <li>sha1</li> </ul> </li> </ul>	
Facets	minLength	8
	pattern	(( [A-F0-9]{2}: ){19} [A-F0-9]{2} )   ([a-f0-9]{40})
Used by	Element	checksums/sha1
Source	<pre>&lt;xsd:simpleType name="sha1"&gt;   &lt;!-- example: E8:27:4E:86:68:9E:CC:67:F0:93:BC:AC:A6:E2:09:C1:C6:25:7D:7B 44       b2f5171e85760127d04390a7f549da3b669755 --&gt;   &lt;xsd:restriction base="notemptystring"&gt;     &lt;xsd:minLength value="8"/&gt;     &lt;xsd:pattern value="([A-F0-9]{2}: ){19} [A-F0-9]{2}" /&gt;     &lt;xsd:pattern value="[a-f0-9]{40}" /&gt;   &lt;/xsd:restriction&gt; &lt;/xsd:simpleType&gt;</pre>	

## Simple Type sha256

Namespace	No namespace	
Diagram	<pre> graph LR     sha256["sha256"] --&gt; restriction  notemptystring["notemptystring"]     style sha256 fill:#e0e0ff,stroke:#808080     style notemptystring fill:#e0e0ff,stroke:#808080   </pre>	
Type	restriction of notemptystring	
Type hierarchy	<ul style="list-style-type: none"> <li>xsd:string           <ul style="list-style-type: none"> <li>notemptystring</li> <li>sha256</li> </ul> </li> </ul>	
Facets	minLength	8
	pattern	(( [A-F0-9]{2}: ){31} [A-F0-9]{2})
Used by	Element	checksums/sha256
Source	<pre>&lt;xsd:simpleType name="sha256"&gt;   &lt;!-- example: 7E:DB:34:A2:E8:38:1C:FE:58:67:97:D0:4F:1A:37:0D:6C:CD:0D:87:62:00:75:FF:FA:71:47:80:DA:A4:8F:38 --&gt;   &lt;xsd:restriction base="notemptystring"&gt;     &lt;xsd:minLength value="8"/&gt;     &lt;xsd:pattern value="([A-F0-9]{2}: ){31} [A-F0-9]{2}" /&gt;   &lt;/xsd:restriction&gt; &lt;/xsd:simpleType&gt;</pre>	

| </xsd:simpleType> |

## Simple Type fileChannels

Namespace	No namespace								
Diagram									
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;     &lt;xsd:enumeration value="mono"/&gt;     &lt;xsd:enumeration value="stereo"/&gt;     &lt;xsd:enumeration value="joint-stereo"/&gt;     &lt;xsd:enumeration value="5.1"/&gt;   &lt;/xsd:restriction&gt; &lt;/xsd:simpleType&gt;</pre>								

## Attribute(s)

### Attribute publishable\_url / @publishable

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

### Attribute **physical\_distributor** / @publishable

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

### Attribute **territory** / @type

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

### Attribute **channel** / @type

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

### Attribute **rule** / @num

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

## 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://fnppl.org/opensdx/countrycodes																																																																																																																									
Annotations	This element includes a list of ISO 3166-1 country codes.																																																																																																																									
Diagram	<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>																																																																																																																									
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enumeration	TD	Chad
enumeration	CL	Chile
enumeration	CN	China
enumeration	CX	Christmas Island
enumeration	CC	Cocos (Keeling) Islands
enumeration	CO	Colombia
enumeration	KM	Comoros
enumeration	CG	Congo
enumeration	CD	Congo, the Democratic Republic of the
enumeration	CK	Cook Islands
enumeration	CR	Costa Rica
enumeration	CI	Côte d'Ivoire
enumeration	HR	Croatia
enumeration	CU	Cuba
enumeration	CW	Curaçao
enumeration	CY	Cyprus
enumeration	CZ	Czech Republic
enumeration	DK	Denmark
enumeration	DJ	Djibouti
enumeration	DM	Dominica
enumeration	DO	Dominican Republic
enumeration	EC	Ecuador
enumeration	EG	Egypt
enumeration	SV	El Salvador
enumeration	GQ	Equatorial Guinea
enumeration	ER	Eritrea
enumeration	EE	Estonia
enumeration	ET	Ethiopia
enumeration	FK	Falkland Islands (Malvinas)
enumeration	FO	Faroe Islands
enumeration	FJ	Fiji
enumeration	FI	Finland
enumeration	FR	France
enumeration	GF	French Guiana
enumeration	PF	French Polynesia
enumeration	TF	French Southern Territories
enumeration	GA	Gabon
enumeration	GM	Gambia
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enumeration	GN	Guinea
enumeration	GW	Guinea-Bissau
enumeration	GY	Guyana
enumeration	HT	Haiti
enumeration	HM	Heard Island and McDonald Islands
enumeration	VA	Holy See (Vatican City State)
enumeration	HN	Honduras
enumeration	HK	Hong Kong
enumeration	HU	Hungary
enumeration	IS	Iceland
enumeration	IN	India
enumeration	ID	Indonesia
enumeration	IR	Iran, Islamic Republic of
enumeration	IQ	Iraq
enumeration	IE	Ireland
enumeration	IM	Isle of Man
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enumeration	JP	Japan
enumeration	JE	Jersey
enumeration	JO	Jordan
enumeration	KZ	Kazakhstan
enumeration	KE	Kenya
enumeration	KI	Kiribati
enumeration	KP	Korea, Democratic People's Republic of
enumeration	KR	Korea, Republic of
enumeration	KW	Kuwait
enumeration	KG	Kyrgyzstan
enumeration	LA	Lao People's Democratic Republic
enumeration	LV	Latvia
enumeration	LB	Lebanon
enumeration	LS	Lesotho
enumeration	LR	Liberia
enumeration	LY	Libyan Arab Jamahiriya
enumeration	LI	Liechtenstein
enumeration	LT	Lithuania
enumeration	LU	Luxembourg
enumeration	MO	Macao
enumeration	MK	Macedonia, the former Yugoslav Republic of
enumeration	MG	Madagascar
enumeration	MW	Malawi
enumeration	MY	Malaysia
enumeration	MV	Maldives
enumeration	ML	Mali
enumeration	MT	Malta

enumeration	MH	Marshall Islands
enumeration	MQ	Martinique
enumeration	MR	Mauritania
enumeration	MU	Mauritius
enumeration	YT	Mayotte
enumeration	MX	Mexico
enumeration	FM	Micronesia, Federated States of
enumeration	MD	Moldova, Republic of
enumeration	MC	Monaco
enumeration	MN	Mongolia
enumeration	ME	Montenegro
enumeration	MS	Montserrat
enumeration	MA	Morocco
enumeration	MZ	Mozambique
enumeration	MM	Myanmar
enumeration	NA	Namibia
enumeration	NR	Nauru
enumeration	NP	Nepal
enumeration	NL	Netherlands
enumeration	NC	New Caledonia
enumeration	NZ	New Zealand
enumeration	NI	Nicaragua
enumeration	NE	Niger
enumeration	NG	Nigeria
enumeration	NU	Niue
enumeration	NF	Norfolk Island
enumeration	MP	Northern Mariana Islands
enumeration	NO	Norway
enumeration	OM	Oman
enumeration	PK	Pakistan
enumeration	PW	Palau
enumeration	PS	Palestinian Territory, Occupied
enumeration	PA	Panama
enumeration	PG	Papua New Guinea
enumeration	PY	Paraguay
enumeration	PE	Peru
enumeration	PH	Philippines
enumeration	PN	Pitcairn
enumeration	PL	Poland
enumeration	PT	Portugal
enumeration	PR	Puerto Rico
enumeration	QA	Qatar
enumeration	RE	Réunion
enumeration	RO	Romania
enumeration	RU	Russian Federation
enumeration	RW	Rwanda
enumeration	BL	Saint Barthélemy
enumeration	SH	Saint Helena, Ascension and Tristan da Cunha
enumeration	KN	Saint Kitts and Nevis

enumeration	LC	Saint Lucia
enumeration	MF	Saint Martin (French part)
enumeration	PM	Saint Pierre and Miquelon
enumeration	VC	Saint Vincent and the Grenadines
enumeration	WS	Samoa
enumeration	SM	San Marino
enumeration	ST	Sao Tome and Principe
enumeration	SA	Saudi Arabia
enumeration	SN	Senegal
enumeration	RS	Serbia
enumeration	SC	Seychelles
enumeration	SL	Sierra Leone
enumeration	SG	Singapore
enumeration	SX	Sint Maarten (Dutch part)
enumeration	SK	Slovakia
enumeration	SI	Slovenia
enumeration	SB	Solomon Islands
enumeration	SO	Somalia
enumeration	ZA	South Africa
enumeration	GS	South Georgia and the South Sandwich Islands
enumeration	SS	South Sudan
enumeration	ES	Spain
enumeration	LK	Sri Lanka
enumeration	SD	Sudan
enumeration	SR	Suriname
enumeration	SJ	Svalbard and Jan Mayen
enumeration	SZ	Swaziland
enumeration	SE	Sweden
enumeration	CH	Switzerland
enumeration	SY	Syrian Arab Republic
enumeration	TW	Taiwan, Province of China
enumeration	TJ	Tajikistan
enumeration	TZ	Tanzania, United Republic of
enumeration	TH	Thailand
enumeration	TL	Timor-Leste
enumeration	TG	Togo
enumeration	TK	Tokelau
enumeration	TO	Tonga
enumeration	TT	Trinidad and Tobago
enumeration	TN	Tunisia
enumeration	TR	Turkey
enumeration	TM	Turkmenistan
enumeration	TC	Turks and Caicos Islands
enumeration	TV	Tuvalu
enumeration	UG	Uganda
enumeration	UA	Ukraine
enumeration	AE	United Arab Emirates
enumeration	GB	United Kingdom
enumeration	US	United States

	enumeration	UM	United States Minor Outlying Islands
	enumeration	UY	Uruguay
	enumeration	UZ	Uzbekistan
	enumeration	VU	Vanuatu
	enumeration	VE	Venezuela, Bolivarian Republic of
	enumeration	VN	Viet Nam
	enumeration	VG	Virgin Islands, British
	enumeration	VI	Virgin Islands, U.S.
	enumeration	WF	Wallis and Futuna
	enumeration	WW	WorldWide
	enumeration	EH	Western Sahara
	enumeration	YE	Yemen
	enumeration	ZM	Zambia
	enumeration	ZW	Zimbabwe
Used by	Elements	information/origin_country, to/country	
	Complex Type	territory	
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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	 <div style="border: 1px solid #ccc; padding: 5px; display: inline-block;">           This element includes a list of openSDX-genres.         </div> <div style="border: 1px solid #ccc; padding: 5px; display: inline-block;">           Built-in primitive type. The string datatype represents character strings in XML.         </div>
Type	restriction of xsd:string
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 / Volksmusik
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	Ancient music
enumeration	Medieval music
enumeration	Renaissance
enumeration	Baroque
enumeration	Classical period
enumeration	Romantic
enumeration	Neoromanticism
enumeration	Neoclassicism
enumeration	New Music / Contemporary Music
enumeration	Modern, 20th / 21st Century
enumeration	Postmodern Music
enumeration	Music and other Media / Arts
enumeration	Music and Word
enumeration	12-Tone Composition
enumeration	Anthem
enumeration	Ballet
enumeration	Cantata
enumeration	Chamber Music
enumeration	Choral
enumeration	Crossover / Popular Classicism
enumeration	Electronic Music / Computer Music
enumeration	Madrigal
enumeration	March
enumeration	Minimal Music
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	Serialism
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	Bass
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	Enka
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 & Entrepeneurship
enumeration	Children's Audiobooks
enumeration	Popular Characters
enumeration	Animal Stories
enumeration	Children's Book Classics
enumeration	Children's 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	Literature
enumeration	Novels
enumeration	Erotica
enumeration	Romance
enumeration	Contemporary Literature
enumeration	Contemporary German Literature
enumeration	Entertainment

enumeration	Youth
enumeration	Youth Detective Stories
enumeration	Fantasy
enumeration	For Girls
enumeration	Knowledge for Teenagers
enumeration	Mystery
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	South Sudan (SS)
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="Grunge"/>
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<xsd:enumeration value="Indie Rock"/>
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<xsd:enumeration value="Heavy Metal"/>
<xsd:enumeration value="Power Metal"/>
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<xsd:enumeration value="Doom Metal"/>
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<xsd:enumeration value="Jewish / Yiddish Music"/>
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<xsd:enumeration value="Western Swing"/>
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<xsd:enumeration value="Folk Rock"/>
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<xsd:enumeration value="Smooth 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"/>
<xsd:enumeration value="Instrumental Hip Hop"/>
<xsd:enumeration value="Miami Bass"/>
<xsd:enumeration value="New School"/>
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```
<xsd:enumeration value="Turntablism"/>
<xsd:enumeration value="US Eastcoast"/>
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<xsd:enumeration value="Dubstep"/>
<xsd:enumeration value="Garage / UK Funky"/>
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<xsd:enumeration value="Trip-Hop"/>
<xsd:enumeration value="Trance"/>
<xsd:enumeration value="Goa Trance"/>
<xsd:enumeration value="Hard Trance"/>
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<xsd:enumeration value="Jumpstyle / Hardstyle"/>
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<xsd:enumeration value="Medieval music"/>
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<xsd:enumeration value="Music and Word"/>
<xsd:enumeration value="12-Tone Composition"/>
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<xsd:enumeration value="Ballet"/>
<xsd:enumeration value="Cantata"/>
<xsd:enumeration value="Chamber Music"/>
<xsd:enumeration value="Choral"/>
<xsd:enumeration value="Crossover / Popular Classicism"/>
<xsd:enumeration value="Electronic Music / Computer Music"/>
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<xsd:enumeration value="Opera Renaissance"/>
<xsd:enumeration value="Opera Romantic"/>
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<xsd:enumeration value="Sonata"/>
<xsd:enumeration value="Suite"/>
<xsd:enumeration value="Symphonic Music / Orchestral Music"/>
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<xsd:enumeration value="Mixed Wind Ensemble (Woodwind / Brass)"/>
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```
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<xsd:enumeration value="Griot"/>
<xsd:enumeration value="Gypsy"/>
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<xsd:enumeration value="Judaica Music / Yiddish / Klezmer"/>
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## Namespace: "http://fnppl.org/opensdx/languages"

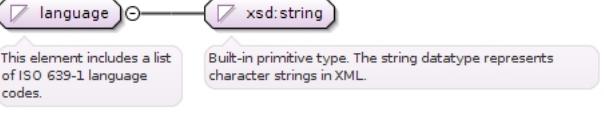
### Schema(s)

#### 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 element includes a list of ISO 639-1 language 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>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> </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
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enumeration	dz	Bhutani																																																																					

enumeration	e1	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	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	k1	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	se	Sami (Northern)
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
Used by	Element	information/main_language	
Source	<pre> &lt;xsd:simpleType name="language"&gt;   &lt;xsd:annotation&gt;     &lt;xsd:documentation xml:lang="en"&gt;This element includes a list of ISO 639-1 language codes.&lt;/xsd:documentation&gt;   &lt;/xsd:annotation&gt;   &lt;xsd:restriction base="xsd:string"&gt;     &lt;xsd:enumeration value="aa"&gt;       &lt;xsd:annotation&gt;         &lt;xsd:documentation&gt;Afar&lt;/xsd:documentation&gt;       &lt;/xsd:annotation&gt;     &lt;/xsd:enumeration&gt;     &lt;xsd:enumeration value="ab"&gt;       &lt;xsd:annotation&gt;         &lt;xsd:documentation&gt;Abkhazian&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;Afrikaans&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;Amharic&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;Arabic&lt;/xsd:documentation&gt;       &lt;/xsd:annotation&gt;     &lt;/xsd:enumeration&gt;     &lt;xsd:enumeration value="as"&gt;       &lt;xsd:annotation&gt;         &lt;xsd:documentation&gt;Assamese&lt;/xsd:documentation&gt;       &lt;/xsd:annotation&gt;     &lt;/xsd:enumeration&gt;     &lt;xsd:enumeration value="ay"&gt;       &lt;xsd:annotation&gt;         &lt;xsd:documentation&gt;Aymara&lt;/xsd:documentation&gt;       &lt;/xsd:annotation&gt;     &lt;/xsd:enumeration&gt;     &lt;xsd:enumeration value="az"&gt;       &lt;xsd:annotation&gt;         &lt;xsd:documentation&gt;Azerbaijani&lt;/xsd:documentation&gt;       &lt;/xsd:annotation&gt;     &lt;/xsd:enumeration&gt;     &lt;xsd:enumeration value="ba"&gt;       &lt;xsd:annotation&gt;</pre>		

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