

Schema documentation for tridas-1.2.2.xsd

february 2, 2011

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Namespace: "http://www.tridas.org/1.2.2"

Schema(s)

Main schema `tridas-1.2.2.xsd`

Namespace	http://www.tridas.org/1.2.2
Properties	attribute form default: unqualified element form default: qualified

Element(s)

Element `createdTimestamp`

Namespace	http://www.tridas.org/1.2.2
Annotations	
Diagram	<pre> classDiagram class createdTimestamp { <<dateTime>> } class attributes { <<@>> } class certainty { <<certainty>> } createdTimestamp < -- dateTime createdTimestamp --> attributes createdTimestamp --> certainty </pre>

Type	dateTime				
Properties	content: complex				
Used by	Complex Types baseSeries, tridasEntity Elements derivedSeries, element, measurementSeries, object, project, radius, sample				
Attributes	QName	Type	Fixed	Default	Use
	certainty	certainty			optional
Source	<pre><xs:element name="createdTimestamp" type="dateTime"> <xs:annotation> <xs:documentation xml:lang="EN"></xs:documentation> </xs:annotation> </xs:element></pre>				

Element lastModifiedTimestamp

Namespace	http://www.tridas.org/1.2.2				
Annotations					
Diagram	<pre> classDiagram class lastModifiedTimestamp { dateTime } class xs(dateTime) class attributes class certainty { certainty } lastModifiedTimestamp "0..1" --> "1..1" xs xs "*" --> "1..1" attributes attributes "*" --> "1..1" certainty </pre>				
Type	dateTime				
Properties	content: complex				
Used by	Complex Types baseSeries, tridasEntity Elements derivedSeries, element, measurementSeries, object, project, radius, sample				
Attributes	QName	Type	Fixed	Default	Use
	certainty	certainty			optional
Source	<pre><xs:element name="lastModifiedTimestamp" type="dateTime"> <xs:annotation> <xs:documentation xml:lang="EN"></xs:documentation> </xs:annotation> </xs:element></pre>				

Element title

Namespace	http://www.tridas.org/1.2.2				
Annotations					
Diagram	<pre> classDiagram class title { xs:string } class xs(string) title "*" --> "1..1" xs </pre>				
Type	xs:string				
Properties	content: simple				
Used by	Complex Types baseSeries, tridasEntity Elements derivedSeries, element, measurementSeries, object, project, radius, sample				
Source	<pre><xs:element name="title" type="xs:string"> <xs:annotation> <xs:documentation xml:lang="EN"></xs:documentation> </xs:annotation> </xs:element></pre>				

Element identifier

Namespace	http://www.tridas.org/1.2.2				
-----------	-----------------------------	--	--	--	--

Annotations																
Diagram	<pre> graph LR identifier[identifier Type: extension of 'xs:string'] --> xsString(xs:string) xsString --> attributes[attributes @ domain] xsString --> ref[ref Type: xs:IDREF] </pre>															
Type	extension of xs:string															
Properties	content: complex															
Used by	Complex Types: baseSeries, seriesLink, tridasEntity Elements: derivedSeries, element, laboratory, measurementSeries, object, project, radius, research, sample															
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>domain</td> <td></td> <td></td> <td></td> <td>required</td> </tr> <tr> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> </tbody> </table>	QName	Type	Fixed	Default	Use	domain				required					
QName	Type	Fixed	Default	Use												
domain				required												
Source	<pre> <xs:element name="identifier"> <xs:annotation> <xs:documentation xml:lang="EN"></xs:documentation> </xs:annotation> <xs:complexType> <xs:simpleContent> <xs:extension base="xs:string"> <xs:attribute name="domain" use="required"> <xs:annotation> <xs:documentation xml:lang="EN"></xs:documentation> </xs:annotation> </xs:attribute> </xs:extension> </xs:simpleContent> </xs:complexType> </xs:element> </pre>															

Element comments

Namespace	http://www.tridas.org/1.2.2
Annotations	
Diagram	<pre> graph LR comments[comments Type: xs:string] --> xsString(xs:string) </pre>
Type	xs:string
Properties	content: simple
Used by	Complex Types: baseSeries, tridasEntity Elements: derivedSeries, element, measurementSeries, object, project, radius, sample
Source	<pre> <xs:element name="comments" type="xs:string"> <xs:annotation> <xs:documentation xml:lang="EN"></xs:documentation> </xs:annotation> </xs:element> </pre>

Element seriesLink / idRef

Namespace	http://www.tridas.org/1.2.2															
Diagram	<pre> graph LR idRef[idRef] --> attributes[attributes @ ref] attributes --> ref[ref Type: xs:IDREF] </pre>															
Properties	content: complex															
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>ref</td> <td>xs:IDREF</td> <td></td> <td></td> <td>optional</td> </tr> <tr> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> </tbody> </table>	QName	Type	Fixed	Default	Use	ref	xs:IDREF			optional					
QName	Type	Fixed	Default	Use												
ref	xs:IDREF			optional												
Source	<pre> <xs:element name="idRef"> </pre>															

```

<xs:complexType>
  <xs:attribute name="ref" type="xs:IDREF" />
</xs:complexType>
</xs:element>

```

Element seriesLink / xlink

Namespace	http://www.tridas.org/1.2.2														
Diagram	<p>The diagram shows a class named 'seriesLink' with an attribute 'xlink:href' of type 'anyURI'. The attribute is marked with a multiplicity of 0..1.</p>														
Properties	content: complex														
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>xlink:href</td><td>anyURI</td><td></td><td></td><td>optional</td></tr> </tbody> </table>					QName	Type	Fixed	Default	Use	xlink:href	anyURI			optional
QName	Type	Fixed	Default	Use											
xlink:href	anyURI			optional											
Source	<pre> <xs:element name="xLink"> <xs:complexType> <xs:attribute ref="xlink:href" /> </xs:complexType> </xs:element> </pre>														

Element seriesLinks / series

Namespace	http://www.tridas.org/1.2.2										
Diagram	<p>The diagram shows a class named 'series' containing a sequence of elements: 'idRef', 'xLink', and 'identifier'. The 'idRef' and 'xLink' elements are marked with a multiplicity of 0..1, while 'identifier' is marked with 0..unbounded.</p>										
Type	seriesLink										
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	idRef xLink identifier										
Children	idRef, identifier, xLink										
Instance	<pre> <series> <idRef ref="" /> <xLink xlink:href="" /> <identifier domain="" /> </series> </pre>										
Source	<pre> <xs:element name="series" type="seriesLink" minOccurs="0" maxOccurs="unbounded" /> </pre>										

Element seriesLinksWithPreferred / preferredSeries

Namespace	http://www.tridas.org/1.2.2								
Diagram	<p>The diagram shows a class named 'preferredSeries' containing a sequence of elements: 'idRef', 'xLink', and 'identifier'. The 'idRef' and 'xLink' elements are marked with a multiplicity of 0..1, while 'identifier' is marked with 0..unbounded.</p>								
Type	seriesLink								
Properties	<table border="1"> <tr> <td>content:</td><td>complex</td></tr> <tr> <td>minOccurs:</td><td>0</td></tr> </table>					content:	complex	minOccurs:	0
content:	complex								
minOccurs:	0								

	maxOccurs: 1
Model	idRef xLink identifier
Children	idRef, identifier, xLink
Instance	<preferredSeries> <idRef ref="" /></idRef> <xLink xlink:href="" /></xLink> <identifier domain="" /></identifier> </preferredSeries>
Source	<xs:element name="preferredSeries" type="seriesLink" minOccurs="0" maxOccurs="1" />

Element type

Namespace	http://www.tridas.org/1.2.2																									
Annotations																										
Diagram	<pre> classDiagram class controlledVoc { <<Base Type xs:string>> <<@ attributes>> @ normalStd @ normalId @ normal @ lang <<Type xs:language>> } type controlledVoc </pre>																									
Type	controlledVoc																									
Properties	content: complex																									
Used by	<table> <tr> <td>Elements</td> <td>derivedSeries, element, object, project, sample, statFoundation, vocabulary/derivedSeries.type, vocabulary/element.type, vocabulary/object.type, vocabulary/project.type, vocabulary/sample.type</td> </tr> <tr> <td>Complex Type</td> <td>baseSeries</td> </tr> </table>	Elements	derivedSeries, element, object, project, sample, statFoundation, vocabulary/derivedSeries.type, vocabulary/element.type, vocabulary/object.type, vocabulary/project.type, vocabulary/sample.type	Complex Type	baseSeries																					
Elements	derivedSeries, element, object, project, sample, statFoundation, vocabulary/derivedSeries.type, vocabulary/element.type, vocabulary/object.type, vocabulary/project.type, vocabulary/sample.type																									
Complex Type	baseSeries																									
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>xs:language</td> <td></td> <td></td> <td>optional</td> </tr> <tr> <td>normal</td> <td></td> <td></td> <td></td> <td>optional</td> </tr> <tr> <td>normalId</td> <td></td> <td></td> <td></td> <td>optional</td> </tr> <tr> <td>normalStd</td> <td></td> <td></td> <td></td> <td>optional</td> </tr> </tbody> </table>	QName	Type	Fixed	Default	Use	lang	xs:language			optional	normal				optional	normalId				optional	normalStd				optional
QName	Type	Fixed	Default	Use																						
lang	xs:language			optional																						
normal				optional																						
normalId				optional																						
normalStd				optional																						
Source	<pre> <xs:element name="type" type="controlledVoc"> <xs:annotation> <xs:documentation xml:lang="EN"></xs:documentation> </xs:annotation> </xs:element> </pre>																									

Element description

Namespace	http://www.tridas.org/1.2.2
Annotations	
Diagram	<pre> classDiagram class description { <<Type xs:string>> } </pre>
Type	xs:string
Properties	content: simple
Used by	element, object, project, research, sample
Source	<pre> <xs:element name="description" type="xs:string"> </pre>

```

<xs:annotation>
  <xs:documentation xml:lang="EN"></xs:documentation>
</xs:annotation>
</xs:element>

```

Element location

Namespace	http://www.tridas.org/1.2.2	
Annotations		
Diagram	<pre> classDiagram class location { locationGeometry "1.." locationType "0..1" locationPrecision "0..1" locationComment "0..1" address "0..1" } location < -- locationGeometry location < -- locationType location < -- locationPrecision location < -- locationComment location < -- address </pre>	
Properties	content: complex	
Used by	Elements derivedSeries, element, object Complex Type baseSeries	
Model	locationGeometry{0,1} , locationType{0,1} , locationPrecision{0,1} , locationComment{0,1} , address{0,1}	
Children	address, locationComment, locationGeometry, locationPrecision, locationType	
Instance	<location> <locationGeometry></locationGeometry> <locationType></locationType> <locationPrecision></locationPrecision> <locationComment></locationComment> <address></address> </location>	
Source	<xs:element name="location"> <xs:annotation> <xs:documentation xml:lang="EN"></xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence> <xs:element ref="locationGeometry" minOccurs="0" /> <xs:element ref="locationType" minOccurs="0" /> <xs:element ref="locationPrecision" minOccurs="0" /> <xs:element ref="locationComment" minOccurs="0" /> <xs:element ref="address" minOccurs="0" /> </xs:sequence> </xs:complexType> </xs:element>	

Element locationGeometry

Namespace	http://www.tridas.org/1.2.2	
Annotations		
Diagram	<pre> classDiagram class locationGeometry { gml:Point "0..1" gml:Polygon "0..1" } locationGeometry < -- gml:Point locationGeometry < -- gml:Polygon </pre>	
Properties	content: complex	
Used by	Element location	
Model	gml:Point gml:Polygon	
Children	gml:Point, gml:Polygon	
Instance	<locationGeometry> <gml:Point gml:id="" srsName=""></gml:Point> <gml:Polygon gml:id="" srsName=""></gml:Polygon> </locationGeometry>	

Source	<pre><xs:element name="locationGeometry"> <xs:annotation> <xs:documentation xml:lang="EN"></xs:documentation> </xs:annotation> <xs:complexType> <xs:choice> <xs:element ref="gml:Point"/> <xs:element ref="gml:Polygon"/> </xs:choice> </xs:complexType> </xs:element></pre>
--------	--

Element locationType

Namespace	http://www.tridas.org/1.2.2													
Annotations														
Diagram	<pre> classDiagram class locationType { <<normalTridasLocationType>> } class normalTridasLocationType locationType o-- normalTridasLocationType </pre>													
Type	normalTridasLocationType													
Properties	content: simple													
Facets	<table border="1"> <tr> <td>enumeration</td> <td>growth location</td> </tr> <tr> <td>enumeration</td> <td>location of use (static)</td> </tr> <tr> <td>enumeration</td> <td>location of use (mobile)</td> </tr> <tr> <td>enumeration</td> <td>current location</td> </tr> <tr> <td>enumeration</td> <td>manufacture location</td> </tr> <tr> <td>enumeration</td> <td>find location</td> </tr> </table>		enumeration	growth location	enumeration	location of use (static)	enumeration	location of use (mobile)	enumeration	current location	enumeration	manufacture location	enumeration	find location
enumeration	growth location													
enumeration	location of use (static)													
enumeration	location of use (mobile)													
enumeration	current location													
enumeration	manufacture location													
enumeration	find location													
Used by	Elements	location, vocabulary/location.type												
Source	<pre><xs:element name="locationType" type="normalTridasLocationType"> <xs:annotation> <xs:documentation xml:lang="EN"></xs:documentation> </xs:annotation> </xs:element></pre>													

Element locationPrecision

Namespace	http://www.tridas.org/1.2.2	
Annotations		
Diagram	<pre> classDiagram class locationPrecision { <<xs:string>> } class xsstring locationPrecision o-- xsstring </pre>	
Type	xs:string	
Properties	content: simple	
Used by	Element	location
Source	<pre><xs:element name="locationPrecision" type="xs:string"> <xs:annotation> <xs:documentation xml:lang="EN"></xs:documentation> </xs:annotation> </xs:element></pre>	

Element locationComment

Namespace	http://www.tridas.org/1.2.2	
Annotations		
Diagram	<pre> classDiagram class locationComment { <<xs:string>> } class xsstring locationComment o-- xsstring </pre>	
Type	xs:string	

Properties	content: simple
Used by	Element location
Source	<pre><xs:element name="locationComment" type="xs:string"> <xs:annotation> <xs:documentation xml:lang="EN"></xs:documentation> </xs:annotation> </xs:element></pre>

Element address

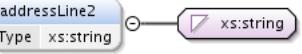
Namespace	http://www.tridas.org/1.2.2
Annotations	
Diagram	<pre> classDiagram class address { addressLine1 addressLine2 cityOrTown stateProvinceRegion postalCode country } address < -- addressLine1 address < -- addressLine2 address < -- cityOrTown address < -- stateProvinceRegion address < -- postalCode address < -- country </pre>
Properties	content: complex
Used by	Elements laboratory, location
Model	addressLine1{0,1} , addressLine2{0,1} , cityOrTown{0,1} , stateProvinceRegion{0,1} , postalCode{0,1} , country{0,1}
Children	addressLine1, addressLine2, cityOrTown, country, postalCode, stateProvinceRegion
Instance	<pre> <address> <addressLine1></addressLine1> <addressLine2></addressLine2> <cityOrTown></cityOrTown> <stateProvinceRegion></stateProvinceRegion> <postalCode></postalCode> <country></country> </address> </pre>
Source	<pre><xs:element name="address"> <xs:annotation> <xs:documentation xml:lang="EN"></xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence> <xs:element name="addressLine1" type="xs:string" minOccurs="0"/> <xs:element name="addressLine2" type="xs:string" minOccurs="0"/> <xs:element name="cityOrTown" type="xs:string" minOccurs="0"/> <xs:element name="stateProvinceRegion" type="xs:string" minOccurs="0"/> <xs:element name="postalCode" type="xs:string" minOccurs="0"/> <xs:element name="country" type="xs:string" minOccurs="0"/> </xs:sequence> </xs:complexType> </xs:element></pre>

Element address / addressLine1

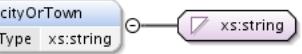
Namespace	http://www.tridas.org/1.2.2
Diagram	<pre> class addressLine1 { < -- xs:string } </pre>
Type	xs:string
Properties	content: simple

	minOccurs: 0
Source	<xs:element name="addressLine1" type="xs:string" minOccurs="0"/>

Element address / addressLine2

Namespace	http://www.tridas.org/1.2.2
Diagram	
Type	xs:string
Properties	content: simple minOccurs: 0
Source	<xs:element name="addressLine2" type="xs:string" minOccurs="0"/>

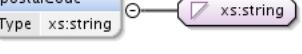
Element address / cityOrTown

Namespace	http://www.tridas.org/1.2.2
Diagram	
Type	xs:string
Properties	content: simple minOccurs: 0
Source	<xs:element name="cityOrTown" type="xs:string" minOccurs="0"/>

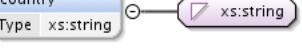
Element address / stateProvinceRegion

Namespace	http://www.tridas.org/1.2.2
Diagram	
Type	xs:string
Properties	content: simple minOccurs: 0
Source	<xs:element name="stateProvinceRegion" type="xs:string" minOccurs="0"/>

Element address / postalCode

Namespace	http://www.tridas.org/1.2.2
Diagram	
Type	xs:string
Properties	content: simple minOccurs: 0
Source	<xs:element name="postalCode" type="xs:string" minOccurs="0"/>

Element address / country

Namespace	http://www.tridas.org/1.2.2
Diagram	
Type	xs:string

Properties	content: simple minOccurs: 0
Source	<xs:element name="country" type="xs:string" minOccurs="0"/>

Element file

Namespace	http://www.tridas.org/1.2.2				
Annotations					
Diagram	<pre> graph LR file((file)) --- href[xlink:href] href --- attributes[attributes] </pre>				
Properties	content: complex				
Used by	Elements element, object, project, sample				
Attributes	QName	Type	Fixed	Default	Use
	xlink:href	anyURI			required
Source	<xs:element name="file"> <xs:annotation> <xs:documentation xml:lang="EN"></xs:documentation> </xs:annotation> <xs:complexType> <xs:attribute ref="xlink:href" use="required" /> </xs:complexType> </xs:element>				

Element genericField

Namespace	http://www.tridas.org/1.2.2				
Annotations					
Diagram	<pre> graph LR genericField["genericField Type extension of 'xs:string'"] --- xsString["xs:string"] genericField --- attributes[attributes] genericField --- name["name"] genericField --- type["type Type restriction of 'xs:string'"] </pre>				
Type	extension of xs:string				
Properties	content: complex				
Used by	Elements derivedSeries, element, measurementSeries, object, project, radius, sample Complex Type baseSeries				
Attributes	QName	Type	Fixed	Default	Use
	name				required
	type	restriction of xs:string			optional
Source	<xs:element name="genericField"> <xs:annotation> <xs:documentation xml:lang="EN"></xs:documentation> </xs:annotation> <xs:complexType> <xs:simpleContent> <xs:extension base="xs:string"> <xs:attribute name="name" use="required"> <xs:annotation> <xs:documentation></xs:documentation> </xs:annotation> </xs:attribute> <xs:attribute name="type" use="optional"> <xs:annotation> <xs:documentation></xs:documentation> </xs:annotation> </xs:attribute> </xs:extension> </xs:simpleContent> </xs:complexType> </xs:element>				

```

</xs:annotation>
<xs:simpleType>
  <xs:restriction base="xs:string">
    <xs:enumeration value="xs:string"/>
    <xs:enumeration value="xs:boolean"/>
    <xs:enumeration value="xs:int"/>
    <xs:enumeration value="xs:float"/>
    <xs:enumeration value="xs:date"/>
    <xs:enumeration value="xs:dateTime"/>
    <xs:enumeration value="xs:duration"/>
  </xs:restriction>
</xs:simpleType>
</xs:attribute>
</xs:extension>
</xs:simpleContent>
</xs:complexType>
</xs:element>

```

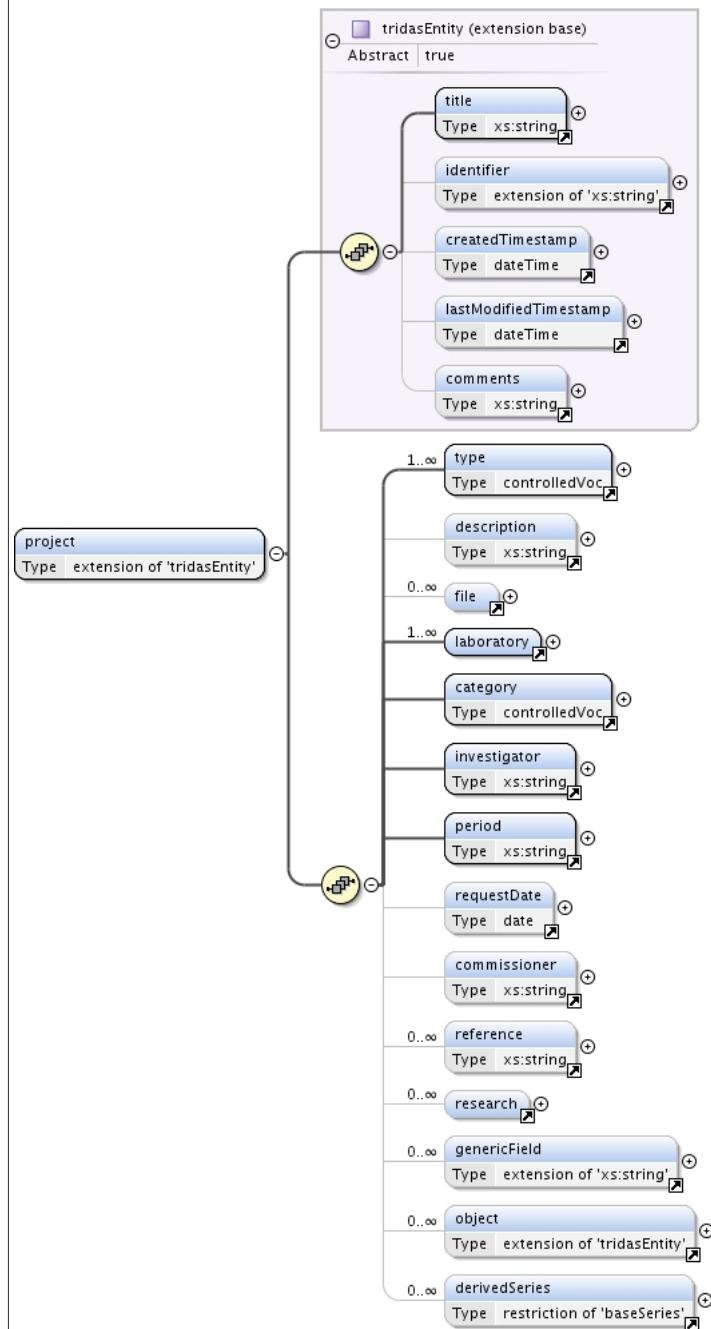
Element tridas

Namespace	http://www.tridas.org/1.2.2
Diagram	
Properties	content: complex
Model	project*, vocabulary{0,1}
Children	project, vocabulary
Instance	<tridas> <project></project> <vocabulary></vocabulary> </tridas>
Source	<xs:element name="tridas"> <xs:complexType> <xs:sequence> <xs:element ref="project" minOccurs="0" maxOccurs="unbounded"/> <xs:element ref="vocabulary" minOccurs="0" maxOccurs="1"/> </xs:sequence> </xs:complexType> </xs:element>

Element project

Namespace	http://www.tridas.org/1.2.2
Annotations	

Diagram



Type	extension of <code>tridasEntity</code>
Type hierarchy	• <code>tridasEntity</code>
Properties	content: complex
Used by	Element <code>tridas</code>
Model	<code>title , identifier{0,1} , createdTimestamp{0,1} , lastModifiedTimestamp{0,1} , comments{0,1} , type+ , description{0,1} , file* , laboratory+ , category , investigator , period , requestDate{0,1} , commissioner{0,1} , reference* , research* , genericField* , object* , derivedSeries*</code>
Children	<code>category, comments, commissioner, createdTimestamp, derivedSeries, description, file, genericField, identifier, investigator, laboratory, lastModifiedTimestamp, object, period, reference, requestDate, research, title, type</code>
Instance	<pre> <project> <title></title> <identifierdomain=""></identifier> <createdTimestampcertainty=""></createdTimestamp> <lastModifiedTimestampcertainty=""></lastModifiedTimestamp> <comments></comments> </project> </pre>

Source	<pre> <xs:element name="project"> <xs:annotation> <xs:documentation xml:lang="EN"></xs:documentation> </xs:annotation> <xs:complexType> <xs:complexContent> <xs:extension base="tridasEntity"> <xs:sequence> <xs:element ref="type" maxOccurs="unbounded"/> <xs:element ref="description" minOccurs="0"/> <xs:element ref="file" minOccurs="0" maxOccurs="unbounded"/> <xs:element ref="laboratory" maxOccurs="unbounded"/> <xs:element ref="category"/> <xs:element ref="investigator"/> <xs:element ref="period"/> <xs:element ref="requestDate" minOccurs="0"/> <xs:element ref="commissioner" minOccurs="0"/> <xs:element ref="reference" minOccurs="0" maxOccurs="unbounded"/> <xs:element ref="research" minOccurs="0" maxOccurs="unbounded"/> <xs:element ref="genericField" minOccurs="0" maxOccurs="unbounded"/> <xs:element ref="object" minOccurs="0" maxOccurs="unbounded"/> <xs:element ref="derivedSeries" minOccurs="0" maxOccurs="unbounded"/> </xs:sequence> </xs:extension> </xs:complexContent> </xs:complexType> </xs:element></pre>
--------	--

Element laboratory

Namespace	http://www.tridas.org/1.2.2
Annotations	
Diagram	<pre> classDiagram class laboratory class identifier class name class address laboratory "0..1" -- "1..1" identifier : identifier laboratory "0..1" -- "1..1" name : name laboratory "1..1" -- "1..1" address : address </pre>
Properties	content: complex
Used by	Element project
Model	identifier{0,1} , name , address
Children	address, identifier, name
Instance	<pre> <laboratory> <identifierdomain="" /></identifier> <nameacronym="" /></name> <address></address> </laboratory></pre>
Source	<pre> <xs:element name="laboratory"> <xs:annotation> <xs:documentation xml:lang="EN"></xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence> <xs:element ref="identifier" minOccurs="0"> <xs:annotation> <xs:documentation xml:lang="EN"></xs:documentation> </xs:annotation> </xs:element> <xs:element name="name"> <xs:complexType> <xs:annotation> <xs:documentation xml:lang="EN"></xs:documentation> </xs:annotation> <xs:simpleContent> <xs:extension base="xs:string"> <xs:attribute name="acronym" use="optional"> <xs:annotation> <xs:documentation></xs:documentation> </xs:annotation> </xs:attribute> </xs:extension> </xs:simpleContent> </xs:complexType> </xs:element> </xs:sequence> </xs:complexType> </xs:element></pre>

```

</xs:element>
<xs:element ref="address" />
</xs:sequence>
</xs:complexType>
</xs:element>

```

Element laboratory / name

Namespace	http://www.tridas.org/1.2.2				
Diagram	<pre> graph LR name["name
Type: extension of 'xs:string'"] --> xsString["xs:string"] acronym["@ acronym"] --> name acronym -- "optional" --> acronym </pre>				
Type	extension of xs:string				
Properties	content: complex				
Attributes	QName	Type	Fixed	Default	Use
	acronym				optional
Source	<pre> <xs:element name="name"> <xs:complexType> <xs:annotation> <xs:documentation xml:lang="EN"></xs:documentation> </xs:annotation> <xs:simpleContent> <xs:extension base="xs:string"> <xs:attribute name="acronym" use="optional"> <xs:annotation> <xs:documentation></xs:documentation> </xs:annotation> </xs:attribute> </xs:extension> </xs:simpleContent> </xs:complexType> </xs:element> </pre>				

Element category

Namespace	http://www.tridas.org/1.2.2				
Annotations					
Diagram	<pre> graph LR category["category
Type: controlledVoc"] --> controlledVoc["controlledVoc
Base Type: xs:string"] controlledVoc --> xsString["xs:string"] lang["@ lang
Type: xs:language"] --> controlledVoc normal["@ normal"] --> controlledVoc normalId["@ normalId"] --> controlledVoc normalStd["@ normalStd"] --> controlledVoc </pre>				
Type	controlledVoc				
Properties	content: complex				
Used by	Elements project, vocabulary/project.category				
Attributes	QName	Type	Fixed	Default	Use
	lang	xs:language			optional
	normal				optional
	normalId				optional

	QName	Type	Fixed	Default	Use
	normalStd				optional
Source		<xs:element name="category" type="controlledVoc"> <xs:annotation> <xs:documentation xml:lang="EN"></xs:documentation> </xs:annotation> </xs:element>			

Element investigator

Namespace	http://www.tridas.org/1.2.2				
Annotations					
Diagram	<pre> classDiagram class investigator { <<xs:string>> } investigator < -- xs:string </pre>				
Type	xs:string				
Properties	content: simple				
Used by	Element	project			
Source	<xs:element name="investigator" type="xs:string"> <xs:annotation> <xs:documentation xml:lang="EN"></xs:documentation> </xs:annotation> </xs:element>				

Element period

Namespace	http://www.tridas.org/1.2.2				
Annotations					
Diagram	<pre> classDiagram class period { <<xs:string>> } period < -- xs:string </pre>				
Type	xs:string				
Properties	content: simple				
Used by	Element	project			
Source	<xs:element name="period" type="xs:string"> <xs:annotation> <xs:documentation xml:lang="EN"></xs:documentation> </xs:annotation> </xs:element>				

Element requestData

Namespace	http://www.tridas.org/1.2.2											
Annotations												
Diagram	<pre> classDiagram class requestData { <<date>> <<certainty>> <<@ attributes>> } requestData < -- date requestData < -- certainty requestData < -- attributes </pre>											
Type	date											
Properties	content: complex											
Used by	Element	project										
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>certainty</td> <td>certainty</td> <td></td> <td></td> <td>optional</td> </tr> </tbody> </table>	QName	Type	Fixed	Default	Use	certainty	certainty			optional	
QName	Type	Fixed	Default	Use								
certainty	certainty			optional								

Source	<pre><xs:element name="requestDate" type="date"> <xs:annotation> <xs:documentation xml:lang="EN"></xs:documentation> </xs:annotation> </xs:element></pre>
--------	---

Element commissioner

Namespace	http://www.tridas.org/1.2.2
Annotations	
Diagram	<pre> graph LR commissioner[commissioner Type xs:string] --> string[xs:string] </pre>
Type	xs:string
Properties	content: simple
Used by	Element project
Source	<pre><xs:element name="commissioner" type="xs:string"> <xs:annotation> <xs:documentation xml:lang="EN"></xs:documentation> </xs:annotation> </xs:element></pre>

Element reference

Namespace	http://www.tridas.org/1.2.2
Annotations	
Diagram	<pre> graph LR reference[reference Type xs:string] --> string[xs:string] </pre>
Type	xs:string
Properties	content: simple
Used by	Element project
Source	<pre><xs:element name="reference" type="xs:string"> <xs:annotation> <xs:documentation xml:lang="EN"></xs:documentation> </xs:annotation> </xs:element></pre>

Element research

Namespace	http://www.tridas.org/1.2.2
Annotations	
Diagram	<pre> graph LR research[research] --> identifier[identifier Type extension of 'xs:string'] research --> description[description Type xs:string] </pre>
Properties	content: complex
Used by	Element project
Model	identifier, description
Children	description, identifier
Instance	<pre><research> <identifier></identifier> <description></description> </research></pre>
Source	<pre><xs:element name="research"> <xs:annotation> <xs:documentation xml:lang="EN"></xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence></pre>

```

<xs:element ref="identifier" />
<xs:element ref="description" />
</xs:sequence>
</xs:complexType>
</xs:element>

```

Element object

Namespace	http://www.tridas.org/1.2.2
Annotations	
Diagram	
Type	extension of tridasEntity
Type hierarchy	<ul style="list-style-type: none"> • tridasEntity
Properties	content: complex
Used by	Elements object, project
Model	title , identifier{0,1} , createdTimestamp{0,1} , lastModifiedTimestamp{0,1} , comments{0,1} , type , description{0,1} , linkSeries{0,1} , file* , creator{0,1} , owner{0,1} , coverage{0,1} , location{0,1} , genericField* , object* , element*

Children	comments, coverage, createdTimestamp, creator, description, element, file, genericField, identifier, lastModifiedTimestamp, linkSeries, location, object, owner, title, type
Instance	<pre><object> <title></title> <identifier domain=""></identifier> <createdTimestamp certainty=""></createdTimestamp> <lastModifiedTimestamp certainty=""></lastModifiedTimestamp> <comments></comments> </object></pre>
Source	<pre><xs:element name="object"> <xs:annotation> <xs:documentation xml:lang="EN"></xs:documentation> </xs:annotation> <xs:complexType> <xs:complexContent> <xs:extension base="tridasEntity"> <xs:sequence> <xs:element ref="type"/> <xs:element ref="description" minOccurs="0"/> <xs:element name="linkSeries" type="seriesLinksWithPreferred" minOccurs="0" maxOccurs="1"> <xs:element ref="file" minOccurs="0" maxOccurs="unbounded"/> <xs:element ref="creator" minOccurs="0"/> <xs:element ref="owner" minOccurs="0"/> <xs:element ref="coverage" minOccurs="0"/> <xs:element ref="location" minOccurs="0"/> <xs:element ref="genericField" minOccurs="0" maxOccurs="unbounded"/> <xs:element ref="object" minOccurs="0" maxOccurs="unbounded"/> <xs:element ref="element" minOccurs="0" maxOccurs="unbounded"/> </xs:sequence> </xs:extension> </xs:complexContent> </xs:complexType> </xs:element></pre>

Element object / linkSeries

Namespace	http://www.tridas.org/1.2.2						
Diagram	<pre> classDiagram class linkSeries { <<seriesLinksWithPreferred>> } class preferredSeries { <<seriesLink>> } linkSeries "0..1" -- "1..1" preferredSeries </pre>						
Type	seriesLinksWithPreferred						
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	preferredSeries{0,1}						
Children	preferredSeries						
Instance	<pre><linkSeries> <preferredSeries></preferredSeries> </linkSeries></pre>						
Source	<pre><xs:element name="linkSeries" type="seriesLinksWithPreferred" minOccurs="0" maxOccurs="1"/></pre>						

Element creator

Namespace	http://www.tridas.org/1.2.2		
Annotations			
Diagram	<pre> classDiagram class creator { <<xs:string>> } class xsString { <<xs:string>> } creator "0..1" -- "1..1" xsString </pre>		
Type	xs:string		
Properties	<table border="1"> <tr> <td>content:</td> <td>simple</td> </tr> </table>	content:	simple
content:	simple		
Used by	Element object		
Source	<pre><xs:element name="creator" type="xs:string"></pre>		

```

<xs:annotation>
  <xs:documentation xml:lang="EN"></xs:documentation>
</xs:annotation>
</xs:element>

```

Element owner

Namespace	http://www.tridas.org/1.2.2
Annotations	
Diagram	<pre> classDiagram class owner { <<xs:string>> } xs:string < -- owner </pre>
Type	xs:string
Properties	content: simple
Used by	Element object
Source	<pre> <xs:element name="owner" type="xs:string"> <xs:annotation> <xs:documentation xml:lang="EN"></xs:documentation> </xs:annotation> </xs:element> </pre>

Element coverage

Namespace	http://www.tridas.org/1.2.2
Annotations	
Diagram	<pre> classDiagram class coverage { <<coverageTemporal>> <<coverageTemporalFoundation>> } coverage <--> coverageTemporal + coverage <--> coverageTemporalFoundation + </pre>
Properties	content: complex
Used by	Element object
Model	coverageTemporal , coverageTemporalFoundation
Children	coverageTemporal, coverageTemporalFoundation
Instance	<pre> <coverage> <coverageTemporal></coverageTemporal> <coverageTemporalFoundation></coverageTemporalFoundation> </coverage> </pre>
Source	<pre> <xs:element name="coverage"> <xs:annotation> <xs:documentation xml:lang="EN"></xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence> <xs:element ref="coverageTemporal"/> <xs:element ref="coverageTemporalFoundation"/> </xs:sequence> </xs:complexType> </xs:element> </pre>

Element coverageTemporal

Namespace	http://www.tridas.org/1.2.2
Annotations	
Diagram	<pre> classDiagram class coverageTemporal { <<xs:string>> } xs:string < -- coverageTemporal </pre>
Type	xs:string
Properties	content: simple
Used by	Element coverage

Source	<pre><xs:element name="coverageTemporal" type="xs:string"> <xs:annotation> <xs:documentation xml:lang="EN"></xs:documentation> </xs:annotation> </xs:element></pre>
--------	---

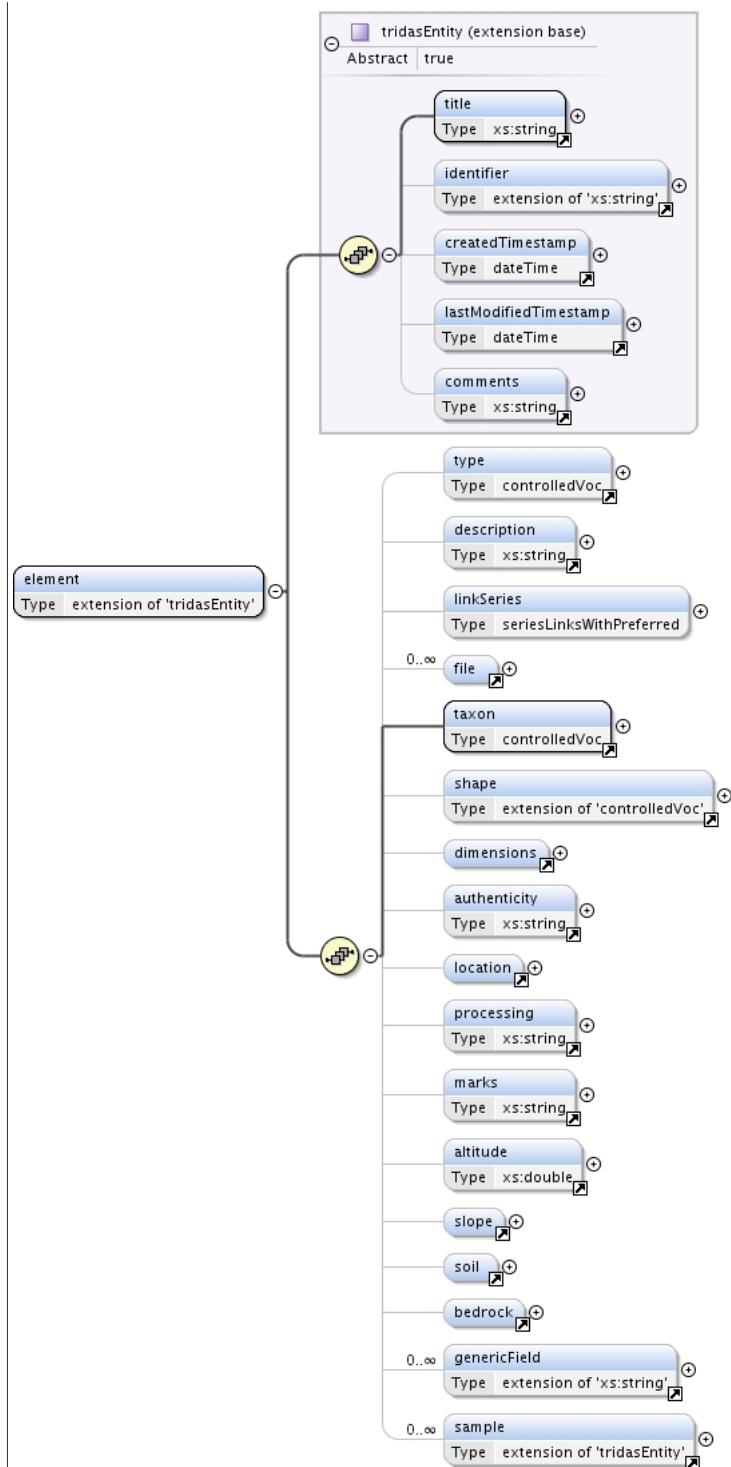
Element coverageTemporalFoundation

Namespace	http://www.tridas.org/1.2.2
Annotations	
Diagram	<p>The diagram shows a class named "coverageTemporalFoundation" with a multiplicity of 1..* and a type of "xs:string".</p>
Type	xs:string
Properties	content: simple
Used by	Element coverage
Source	<pre><xs:element name="coverageTemporalFoundation" type="xs:string"> <xs:annotation> <xs:documentation xml:lang="EN"></xs:documentation> </xs:annotation> </xs:element></pre>

Element element

Namespace	http://www.tridas.org/1.2.2
Annotations	

Diagram



Type	extension of <code>tridasEntity</code>
Type hierarchy	• <code>tridasEntity</code>
Properties	content: complex
Used by	Element object
Model	<code>title</code> , <code>identifier{0,1}</code> , <code>createdTimestamp{0,1}</code> , <code>lastModifiedTimestamp{0,1}</code> , <code>comments{0,1}</code> , <code>type{0,1}</code> , <code>description{0,1}</code> , <code>linkSeries{0,1}</code> , <code>file*</code> , <code>taxon</code> , <code>shape{0,1}</code> , <code>dimensions{0,1}</code> , <code>authenticity{0,1}</code> , <code>location{0,1}</code> , <code>processing{0,1}</code> , <code>marks{0,1}</code> , <code>altitude{0,1}</code> , <code>slope{0,1}</code> , <code>soil{0,1}</code> , <code>bedrock{0,1}</code> , <code>genericField*</code> , <code>sample*</code>
Children	<code>altitude</code> , <code>authenticity</code> , <code>bedrock</code> , <code>comments</code> , <code>createdTimestamp</code> , <code>description</code> , <code>dimensions</code> , <code>file</code> , <code>genericField</code> , <code>identifier</code> , <code>lastModifiedTimestamp</code> , <code>linkSeries</code> , <code>location</code> , <code>marks</code> , <code>processing</code> , <code>sample</code> , <code>shape</code> , <code>slope</code> , <code>soil</code> , <code>taxon</code> , <code>title</code> , <code>type</code>
Instance	<code><element></code> <code><title></title></code>

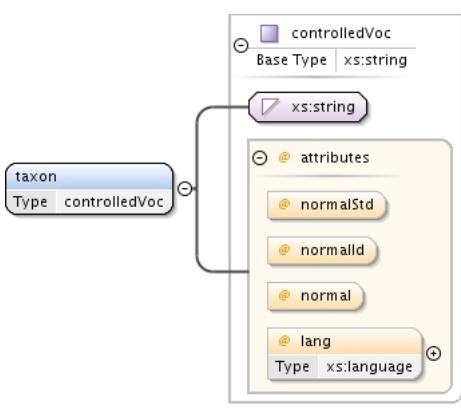
	<pre> <identifierdomain=""></identifier> <createdTimestampcertainty=""></createdTimestamp> <lastModifiedTimestampcertainty=""></lastModifiedTimestamp> <comments></comments> </element> </pre>
Source	<pre> <xs:element name="element"> <xs:annotation> <xs:documentation xml:lang="EN"></xs:documentation> </xs:annotation> <xs:complexType> <xs:complexContent> <xs:extension base="tridasEntity"> <xs:sequence> <xs:element ref="type" minOccurs="0"/> <xs:element ref="description" minOccurs="0"/> <xs:element name="linkSeries" type="seriesLinksWithPreferred" minOccurs="0" maxOccurs="1"/> <xs:element ref="file" minOccurs="0" maxOccurs="unbounded"/> <xs:element ref="taxon"/> <xs:element ref="shape" minOccurs="0"/> <xs:element ref="dimensions" minOccurs="0"/> <xs:element ref="authenticity" minOccurs="0"/> <xs:element ref="location" minOccurs="0"/> <xs:element ref="processing" minOccurs="0"/> <xs:element ref="marks" minOccurs="0"/> <xs:element ref="altitude" minOccurs="0"/> <xs:element ref="slope" minOccurs="0"/> <xs:element ref="soil" minOccurs="0"/> <xs:element ref="bedrock" minOccurs="0"/> <xs:element ref="genericField" minOccurs="0" maxOccurs="unbounded"/> <xs:element ref="sample" minOccurs="0" maxOccurs="unbounded"/> </xs:sequence> </xs:extension> </xs:complexContent> </xs:complexType> </xs:element> </pre>

Element element / linkSeries

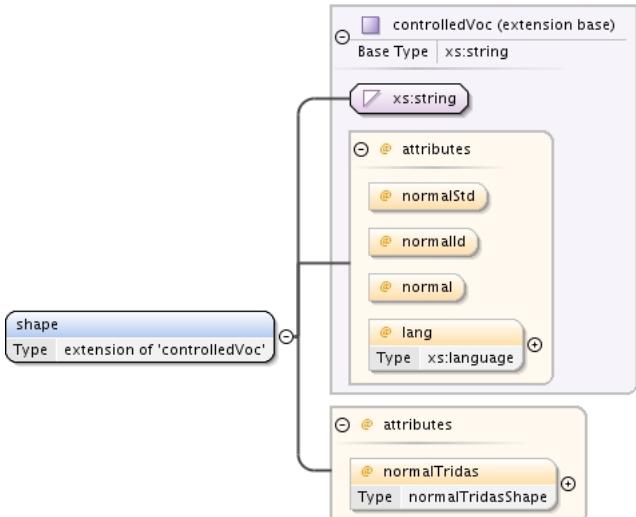
Namespace	http://www.tridas.org/1.2.2						
Diagram	<pre> classDiagram class linkSeries { <<seriesLinksWithPreferred>> } class preferredSeries { <<seriesLinksWithPreferred>> } linkSeries "0..1" *-- "0..1" preferredSeries linkSeries <<seriesLinksWithPreferred>> preferredSeries <<seriesLinksWithPreferred>> </pre>						
Type	seriesLinksWithPreferred						
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	preferredSeries{0,1}						
Children	preferredSeries						
Instance	<pre> <linkSeries> <preferredSeries></preferredSeries> </linkSeries> </pre>						
Source	<pre> <xs:element name="linkSeries" type="seriesLinksWithPreferred" minOccurs="0" maxOccurs="1"/> </pre>						

Element taxon

Namespace	http://www.tridas.org/1.2.2
Annotations	

Diagram																										
Type	controlledVoc																									
Properties	content: complex																									
Used by	Elements element, vocabulary/element.taxon																									
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>xs:language</td><td></td><td></td><td>optional</td></tr> <tr> <td>normal</td><td></td><td></td><td></td><td>optional</td></tr> <tr> <td>normalId</td><td></td><td></td><td></td><td>optional</td></tr> <tr> <td>normalStd</td><td></td><td></td><td></td><td>optional</td></tr> </tbody> </table>	QName	Type	Fixed	Default	Use	lang	xs:language			optional	normal				optional	normalId				optional	normalStd				optional
QName	Type	Fixed	Default	Use																						
lang	xs:language			optional																						
normal				optional																						
normalId				optional																						
normalStd				optional																						
Source	<pre><xs:element name="taxon" type="controlledVoc"> <xs:annotation> <xs:documentation xml:lang="EN"></xs:documentation> </xs:annotation> </xs:element></pre>																									

Element shape

Namespace	http://www.tridas.org/1.2.2
Annotations	
Diagram	
Type	extension of controlledVoc
Type hierarchy	<ul style="list-style-type: none"> • xs:string • controlledVoc
Properties	content: complex
Used by	Elements element, vocabulary/element.shape

Attributes	QName	Type	Fixed	Default	Use
	lang	xs:language			optional
	normal				optional
	normalId				optional
	normalStd				optional
	normalTridas	normalTridasShape			optional
Source	<pre><xs:element name="shape"> <xs:annotation> <xs:documentation></xs:documentation> </xs:annotation> <xs:complexType> <xs:complexContent> <xs:extension base="controlledVoc"> <xs:attribute name="normalTridas" type="normalTridasShape"/> </xs:extension> </xs:complexContent> </xs:complexType> </xs:element></pre>				

Element dimensions

Namespace	http://www.tridas.org/1.2.2
Annotations	
Diagram	<pre> classDiagram class dimensions { <<dimensions>> <<unit>> <<height>> <<diameter>> <<width>> <<depth>> } dimensions < -- unit dimensions < -- height dimensions < -- choice { diameter width / depth } </pre>
Properties	content: complex
Used by	Element element
Model	unit , height , ((diameter) (width , depth))
Children	depth, diameter, height, unit, width
Instance	<pre><dimensions> <unit lang="" normal="" normalId="" normalStd="" normalTridas="" /></unit> <height></height> </dimensions></pre>
Source	<pre><xs:element name="dimensions"> <xs:annotation> <xs:documentation xml:lang="EN"></xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence> <xs:element ref="unit" /> <xs:element name="height" type="xs:decimal"> <xs:annotation> <xs:documentation></xs:documentation> </xs:annotation> </xs:element> </xs:sequence> <xs:choice> <xs:sequence> <xs:element name="diameter" type="xs:decimal"> <xs:annotation> <xs:documentation></xs:documentation> </xs:annotation> </xs:element> </xs:sequence> <xs:sequence> <xs:element name="width" type="xs:decimal"> <xs:annotation> </xs:annotation> </xs:sequence> </xs:choice> </xs:complexType> </xs:element></pre>

```

        <xs:documentation></xs:documentation>
    </xs:annotation>
</xs:element>
<xs:element name="depth" type="xs:decimal">
    <xs:annotation>
        <xs:documentation></xs:documentation>
    </xs:annotation>
</xs:element>
</xs:sequence>
</xs:choice>
</xs:sequence>
</xs:complexType>
</xs:element>

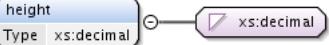
```

Element unit

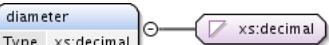
Namespace	http://www.tridas.org/1.2.2																														
Annotations																															
Diagram																															
Type	extension of controlledVoc																														
Type hierarchy	<ul style="list-style-type: none"> • xs:string • controlledVoc 																														
Properties	content: complex																														
Used by	Elements dimensions, values, vocabulary/global.unit																														
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>xs:language</td><td></td><td></td><td>optional</td></tr> <tr> <td>normal</td><td></td><td></td><td></td><td>optional</td></tr> <tr> <td>normalId</td><td></td><td></td><td></td><td>optional</td></tr> <tr> <td>normalStd</td><td></td><td></td><td></td><td>optional</td></tr> <tr> <td>normalTridas</td><td>normalTridasUnit</td><td></td><td></td><td>optional</td></tr> </tbody> </table>	QName	Type	Fixed	Default	Use	lang	xs:language			optional	normal				optional	normalId				optional	normalStd				optional	normalTridas	normalTridasUnit			optional
QName	Type	Fixed	Default	Use																											
lang	xs:language			optional																											
normal				optional																											
normalId				optional																											
normalStd				optional																											
normalTridas	normalTridasUnit			optional																											
Source	<pre> <xs:element name="unit"> <xs:annotation> <xs:documentation xml:lang="EN"></xs:documentation> </xs:annotation> <xs:complexType> <xs:complexContent> <xs:extension base="controlledVoc"> <xs:attribute name="normalTridas" type="normalTridasUnit" /> </xs:extension> </xs:complexContent> </xs:complexType> </xs:element> </pre>																														

Element dimensions / height

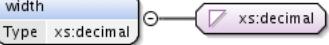
Namespace	http://www.tridas.org/1.2.2
-----------	-----------------------------

Annotations	
Diagram	
Type	xs:decimal
Properties	content: simple
Source	<pre><xs:element name="height" type="xs:decimal"> <xs:annotation> <xs:documentation></xs:documentation> </xs:annotation> </xs:element></pre>

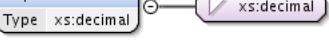
Element dimensions / diameter

Namespace	http://www.tridas.org/1.2.2
Annotations	
Diagram	
Type	xs:decimal
Properties	content: simple
Source	<pre><xs:element name="diameter" type="xs:decimal"> <xs:annotation> <xs:documentation></xs:documentation> </xs:annotation> </xs:element></pre>

Element dimensions / width

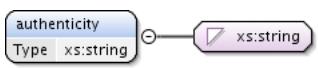
Namespace	http://www.tridas.org/1.2.2
Annotations	
Diagram	
Type	xs:decimal
Properties	content: simple
Source	<pre><xs:element name="width" type="xs:decimal"> <xs:annotation> <xs:documentation></xs:documentation> </xs:annotation> </xs:element></pre>

Element dimensions / depth

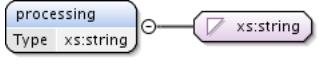
Namespace	http://www.tridas.org/1.2.2
Annotations	
Diagram	
Type	xs:decimal
Properties	content: simple
Source	<pre><xs:element name="depth" type="xs:decimal"> <xs:annotation> <xs:documentation></xs:documentation> </xs:annotation> </xs:element></pre>

Element authenticity

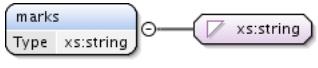
Namespace	http://www.tridas.org/1.2.2
Annotations	

Diagram	
Type	xs:string
Properties	content: simple
Used by	Element element
Source	<pre><xs:element name="authenticity" type="xs:string"> <xs:annotation> <xs:documentation xml:lang="EN"></xs:documentation> </xs:annotation> </xs:element></pre>

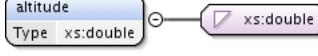
Element processing

Namespace	http://www.tridas.org/1.2.2
Annotations	
Diagram	
Type	xs:string
Properties	content: simple
Used by	Element element
Source	<pre><xs:element name="processing" type="xs:string"> <xs:annotation> <xs:documentation xml:lang="EN"></xs:documentation> </xs:annotation> </xs:element></pre>

Element marks

Namespace	http://www.tridas.org/1.2.2
Annotations	
Diagram	
Type	xs:string
Properties	content: simple
Used by	Element element
Source	<pre><xs:element name="marks" type="xs:string"> <xs:annotation> <xs:documentation xml:lang="EN"></xs:documentation> </xs:annotation> </xs:element></pre>

Element altitude

Namespace	http://www.tridas.org/1.2.2
Annotations	
Diagram	
Type	xs:double
Properties	content: simple
Used by	Element element
Source	<pre><xs:element name="altitude" type="xs:double"> <xs:annotation> <xs:documentation xml:lang="EN"></xs:documentation> </xs:annotation> </xs:element></pre>

Element slope

Namespace	http://www.tridas.org/1.2.2
Annotations	
Diagram	<pre> classDiagram class slope { <<angle : xs:int>> <<azimuth : xs:int>> } </pre>
Properties	content: complex
Used by	Element element
Model	angle{0,1} , azimuth{0,1}
Children	angle, azimuth
Instance	<slope> <angle></angle> <azimuth></azimuth> </slope>
Source	<pre> <xs:element name="slope"> <xs:annotation> <xs:documentation xml:lang="EN"></xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence> <xs:element name="angle" type="xs:int" minOccurs="0"> <xs:annotation> <xs:documentation xml:lang="EN"></xs:documentation> </xs:annotation> </xs:element> <xs:element name="azimuth" type="xs:int" minOccurs="0"> <xs:annotation> <xs:documentation xml:lang="EN"></xs:documentation> </xs:annotation> </xs:element> </xs:sequence> </xs:complexType> </xs:element> </pre>

Element slope / angle

Namespace	http://www.tridas.org/1.2.2
Annotations	
Diagram	<pre> classDiagram class angle { <<xs:int>> } </pre>
Type	xs:int
Properties	content: simple minOccurs: 0
Source	<pre> <xs:element name="angle" type="xs:int" minOccurs="0"> <xs:annotation> <xs:documentation xml:lang="EN"></xs:documentation> </xs:annotation> </xs:element> </pre>

Element slope / azimuth

Namespace	http://www.tridas.org/1.2.2
Annotations	
Diagram	<pre> classDiagram class azimuth { <<xs:int>> } </pre>
Type	xs:int
Properties	content: simple minOccurs: 0

Source	<pre><xs:element name="azimuth" type="xs:int" minOccurs="0"> <xs:annotation> <xs:documentation xml:lang="EN"></xs:documentation> </xs:annotation> </xs:element></pre>
--------	---

Element soil

Namespace	http://www.tridas.org/1.2.2
Annotations	
Diagram	<pre> classDiagram class soil { description : xs:string depth : xs:double } </pre>
Properties	content: complex
Used by	Element element
Model	description{0,1} , depth{0,1}
Children	depth, description
Instance	<pre><soil> <description></description> <depth></depth> </soil></pre>
Source	<pre><xs:element name="soil"> <xs:annotation> <xs:documentation xml:lang="EN"></xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence> <xs:element name="description" type="xs:string" minOccurs="0"> <xs:annotation> <xs:documentation xml:lang="EN"></xs:documentation> </xs:annotation> </xs:element> <xs:element name="depth" type="xs:double" minOccurs="0"> <xs:annotation> <xs:documentation xml:lang="EN"></xs:documentation> </xs:annotation> </xs:element> </xs:sequence> </xs:complexType> </xs:element></pre>

Element soil / description

Namespace	http://www.tridas.org/1.2.2
Annotations	
Diagram	<pre> classDiagram class description { Type xs:string } </pre>
Type	xs:string
Properties	<p>content: simple</p> <p>minOccurs: 0</p>
Source	<pre><xs:element name="description" type="xs:string" minOccurs="0"> <xs:annotation> <xs:documentation xml:lang="EN"></xs:documentation> </xs:annotation> </xs:element></pre>

Element soil / depth

Namespace	http://www.tridas.org/1.2.2
Annotations	
Diagram	<pre> classDiagram class depth { Type xs:double } </pre>

Type	xs:double
Properties	<p>content: simple</p> <p>minOccurs: 0</p>
Source	<pre><xs:element name="depth" type="xs:double" minOccurs="0"> <xs:annotation> <xs:documentation xml:lang="EN"></xs:documentation> </xs:annotation> </xs:element></pre>

Element bedrock

Namespace	http://www.tridas.org/1.2.2
Annotations	
Diagram	
Properties	content: complex
Used by	Element element
Model	description{0,1}
Children	description
Instance	<pre><bedrock> <description></description> </bedrock></pre>
Source	<pre><xs:element name="bedrock"> <xs:annotation> <xs:documentation xml:lang="EN"></xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence> <xs:element name="description" type="xs:string" minOccurs="0"> <xs:annotation> <xs:documentation xml:lang="EN"></xs:documentation> </xs:annotation> </xs:element> </xs:sequence> </xs:complexType> </xs:element></pre>

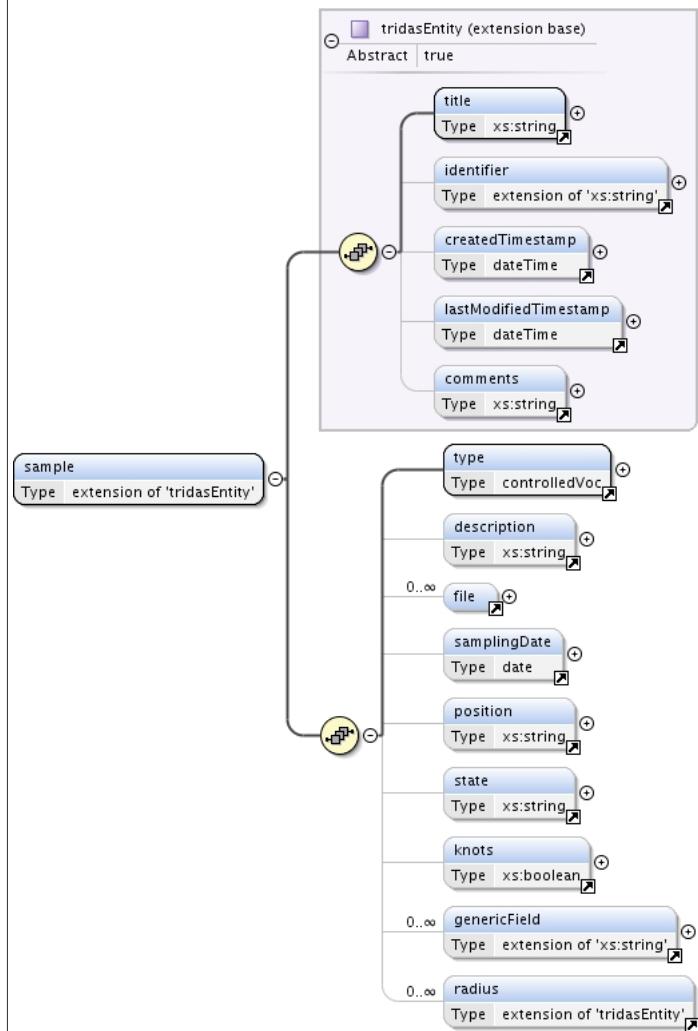
Element bedrock / description

Namespace	http://www.tridas.org/1.2.2
Annotations	
Diagram	
Type	xs:string
Properties	<p>content: simple</p> <p>minOccurs: 0</p>
Source	<pre><xs:element name="description" type="xs:string" minOccurs="0"> <xs:annotation> <xs:documentation xml:lang="EN"></xs:documentation> </xs:annotation> </xs:element></pre>

Element sample

Namespace	http://www.tridas.org/1.2.2
Annotations	

Diagram



Type	extension of <code>tridasEntity</code>
Type hierarchy	• <code>tridasEntity</code>
Properties	content: complex
Used by	Element element
Model	<code>title</code> , <code>identifier{0,1}</code> , <code>createdTimestamp{0,1}</code> , <code>lastModifiedTimestamp{0,1}</code> , <code>comments{0,1}</code> , <code>type</code> , <code>description{0,1}</code> , <code>file*</code> , <code>samplingDate{0,1}</code> , <code>position{0,1}</code> , <code>state{0,1}</code> , <code>knots{0,1}</code> , <code>genericField*</code> , <code>radius*</code>
Children	<code>comments</code> , <code>createdTimestamp</code> , <code>description</code> , <code>file</code> , <code>genericField</code> , <code>identifier</code> , <code>knots</code> , <code>lastModifiedTimestamp</code> , <code>position</code> , <code>radius</code> , <code>samplingDate</code> , <code>state</code> , <code>type</code>
Instance	<pre> <sample> <title></title> <identifierdomain=""></identifier> <createdTimestampcertainty=""></createdTimestamp> <lastModifiedTimestampcertainty=""></lastModifiedTimestamp> <comments></comments> </sample> </pre>
Source	<pre> <xs:element name="sample"> <xs:annotation> <xs:documentation xml:lang="EN"></xs:documentation> </xs:annotation> <xs:complexType> <xs:complexContent> <xs:extension base="tridasEntity"> <xs:sequence> <xs:element ref="type"/> <xs:element ref="description" minOccurs="0"/> <xs:element ref="file" minOccurs="0" maxOccurs="unbounded"/> <xs:element ref="samplingDate" minOccurs="0"/> <xs:element ref="position" minOccurs="0"/> <xs:element ref="state" minOccurs="0"/> <xs:element ref="knots" minOccurs="0"/> </xs:sequence> </xs:extension> </xs:complexContent> </xs:complexType> </xs:element> </pre>

```

<xs:element ref="genericField" minOccurs="0" maxOccurs="unbounded"/>
<xs:element ref="radius" minOccurs="0" maxOccurs="unbounded"/>
</xs:sequence>
</xs:extension>
</xs:complexContent>
</xs:complexType>
</xs:element>

```

Element samplingDate

Namespace	http://www.tridas.org/1.2.2				
Annotations					
Diagram	<pre> graph TD samplingDate[samplingDate Type date] --> date date[Base Type xs:date] date --> attributes attributes[attributes] attributes --> certainty[certainty Type certainty] </pre>				
Type	date				
Properties	content: complex				
Used by	Element sample				
Attributes	QName	Type	Fixed	Default	Use
	certainty	certainty			optional
Source	<xs:element name="samplingDate" type="date"> <xs:annotation> <xs:documentation xml:lang="EN"></xs:documentation> </xs:annotation> </xs:element>				

Element position

Namespace	http://www.tridas.org/1.2.2				
Annotations					
Diagram	<pre> graph TD position[position Type xs:string] --> xsString[xs:string] </pre>				
Type	xs:string				
Properties	content: simple				
Used by	Element sample				
Source	<xs:element name="position" type="xs:string"> <xs:annotation> <xs:documentation xml:lang="EN"></xs:documentation> </xs:annotation> </xs:element>				

Element state

Namespace	http://www.tridas.org/1.2.2				
Annotations					
Diagram	<pre> graph TD state[state Type xs:string] --> xsString[xs:string] </pre>				
Type	xs:string				
Properties	content: simple				
Used by	Element sample				

Source	<pre><xs:element name="state" type="xs:string"> <xs:annotation> <xs:documentation xml:lang="EN"></xs:documentation> </xs:annotation> </xs:element></pre>
--------	--

Element knots

Namespace	http://www.tridas.org/1.2.2
Annotations	
Diagram	
Type	xs:boolean
Properties	content: simple
Used by	Element sample
Source	<pre><xs:element name="knots" type="xs:boolean"> <xs:annotation> <xs:documentation xml:lang="EN"></xs:documentation> </xs:annotation> </xs:element></pre>

Element radius

Namespace	http://www.tridas.org/1.2.2
Annotations	
Diagram	
Type	extension of tridasEntity
Type hierarchy	• tridasEntity
Properties	content: complex
Used by	Element sample
Model	title , identifier{0,1} , createdTimestamp{0,1} , lastModifiedTimestamp{0,1} , comments{0,1} , woodCompleteness{0,1} , azimuth{0,1} , genericField* , measurementSeries*
Children	azimuth, comments, createdTimestamp, genericField, identifier, lastModifiedTimestamp, measurementSeries, title, woodCompleteness
Instance	<pre><radius> <title></title></pre>

	<pre> <identifierdomain=""></identifier> <createdTimestampcertainty=""></createdTimestamp> <lastModifiedTimestampcertainty=""></lastModifiedTimestamp> <comments></comments> </radius> </pre>
Source	<pre> <xs:element name="radius"> <xs:annotation> <xs:documentation xml:lang="EN"></xs:documentation> </xs:annotation> <xs:complexType> <xs:complexContent> <xs:extension base="tridasEntity"> <xs:sequence> <xs:element ref="woodCompleteness" minOccurs="0" maxOccurs="1"/> <xs:element ref="azimuth" minOccurs="0"/> <xs:element ref="genericField" minOccurs="0" maxOccurs="unbounded"/> <xs:element ref="measurementSeries" minOccurs="0" maxOccurs="unbounded"/> </xs:sequence> </xs:extension> </xs:complexContent> </xs:complexType> </xs:element> </pre>

Element woodCompleteness

Namespace	http://www.tridas.org/1.2.2				
Annotations					
Diagram	<pre> classDiagram class woodCompleteness { ringCount : xs:int averageRingWidth : xs:double nrOfUnmeasuredInnerRings : xs:int nrOfUnmeasuredOuterRings : xs:int pith : xs:string heartwood : xs:string sapwood : xs:string bark : xs:string } </pre>				
Properties	content: complex				
Used by	<table border="1"> <tr> <td>Elements</td><td>measurementSeries, radius</td></tr> <tr> <td>Complex Type</td><td>baseSeries</td></tr> </table>	Elements	measurementSeries, radius	Complex Type	baseSeries
Elements	measurementSeries, radius				
Complex Type	baseSeries				
Model	ringCount{0,1} , averageRingWidth{0,1} , nrOfUnmeasuredInnerRings{0,1} , nrOfUnmeasuredOuterRings{0,1} , pith , heartwood , sapwood , bark				
Children	averageRingWidth, bark, heartwood, nrOfUnmeasuredInnerRings, nrOfUnmeasuredOuterRings, pith, ringCount, sapwood				
Instance	<pre> <woodCompleteness> <ringCount></ringCount> <averageRingWidth></averageRingWidth> <nrOfUnmeasuredInnerRings></nrOfUnmeasuredInnerRings> <nrOfUnmeasuredOuterRings></nrOfUnmeasuredOuterRings> <pithpresence=""></pith> <heartwoodpresence=""></heartwood> <sapwoodpresence=""></sapwood> <barkpresence=""></bark> </woodCompleteness> </pre>				
Source	<pre> <xs:element name="woodCompleteness"> <xs:annotation> <xs:documentation xml:lang="EN"></xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence> <xs:element ref="ringCount" minOccurs="0"/> <xs:element ref="averageRingWidth" minOccurs="0"/> <xs:element ref="nrOfUnmeasuredInnerRings" minOccurs="0"/> </xs:sequence> </xs:complexType> </xs:element> </pre>				

```

<xs:element ref="nrOfUnmeasuredOuterRings" minOccurs="0" />
<xs:element ref="pith" />
<xs:element ref="heartwood" />
<xs:element ref="sapwood" />
<xs:element ref="bark" />
</xs:sequence>
</xs:complexType>
</xs:element>

```

Element ringCount

Namespace	http://www.tridas.org/1.2.2
Annotations	
Diagram	
Type	xs:int
Properties	content: simple
Used by	Element woodCompleteness
Source	<pre> <xs:element name="ringCount" type="xs:int"> <xs:annotation> <xs:documentation></xs:documentation> </xs:annotation> </xs:element> </pre>

Element averageRingWidth

Namespace	http://www.tridas.org/1.2.2
Annotations	
Diagram	
Type	xs:double
Properties	content: simple
Used by	Element woodCompleteness
Source	<pre> <xs:element name="averageRingWidth" type="xs:double"> <xs:annotation> <xs:documentation></xs:documentation> </xs:annotation> </xs:element> </pre>

Element nrOfUnmeasuredInnerRings

Namespace	http://www.tridas.org/1.2.2
Annotations	
Diagram	
Type	xs:int
Properties	content: simple
Used by	Element woodCompleteness
Source	<pre> <xs:element name="nrOfUnmeasuredInnerRings" type="xs:int"> <xs:annotation> <xs:documentation></xs:documentation> </xs:annotation> </xs:element> </pre>

Element nrOfUnmeasuredOuterRings

Namespace	http://www.tridas.org/1.2.2
-----------	---

Annotations	
Diagram	
Type	xs:int
Properties	content: simple
Used by	Element woodCompleteness
Source	<pre><xs:element name="nrOfUnmeasuredOuterRings" type="xs:int"> <xs:annotation> <xs:documentation></xs:documentation> </xs:annotation> </xs:element></pre>

Element pith

Namespace	http://www.tridas.org/1.2.2														
Annotations															
Diagram															
Properties	content: complex														
Used by	Element woodCompleteness														
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>presence</td> <td>complexPresenceAbsence</td> <td></td> <td></td> <td>required</td> </tr> </tbody> </table>					QName	Type	Fixed	Default	Use	presence	complexPresenceAbsence			required
QName	Type	Fixed	Default	Use											
presence	complexPresenceAbsence			required											
Source	<pre><xs:element name="pith"> <xs:annotation> <xs:documentation xml:lang="EN"></xs:documentation> </xs:annotation> <xs:complexType> <xs:attribute name="presence" use="required" type="complexPresenceAbsence"/> </xs:complexType> </xs:element></pre>														

Element heartwood

Namespace	http://www.tridas.org/1.2.2														
Annotations															
Diagram															
Properties	content: complex														
Used by	Element woodCompleteness														
Model	missingHeartwoodRingsToPith{0,1} , missingHeartwoodRingsToPithFoundation{0,1}														
Children	missingHeartwoodRingsToPith, missingHeartwoodRingsToPithFoundation														
Instance	<pre><heartwoodpresence=""> <missingHeartwoodRingsToPith></missingHeartwoodRingsToPith> <missingHeartwoodRingsToPithFoundation></missingHeartwoodRingsToPithFoundation> </heartwood></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>presence</td> <td>complexPresenceAbsence</td> <td></td> <td></td> <td>required</td> </tr> </tbody> </table>					QName	Type	Fixed	Default	Use	presence	complexPresenceAbsence			required
QName	Type	Fixed	Default	Use											
presence	complexPresenceAbsence			required											

Source	<pre><xs:element name="heartwood"> <xs:annotation> <xs:documentation xml:lang="EN"></xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence> <xs:element ref="missingHeartwoodRingsToPith" minOccurs="0" /> <xs:element ref="missingHeartwoodRingsToPithFoundation" minOccurs="0" /> </xs:sequence> <xs:attribute name="presence" use="required" type="complexPresenceAbsence" /> </xs:complexType> </xs:element></pre>
--------	---

Element missingHeartwoodRingsToPith

Namespace	http://www.tridas.org/1.2.2
Annotations	
Diagram	<p>The diagram shows a class named 'missingHeartwoodRingsToPith' with a multiplicity of 0..1. It is associated with a type 'xs:int' via a directed edge.</p>
Type	xs:int
Properties	content: simple
Used by	Element heartwood
Source	<pre><xs:element name="missingHeartwoodRingsToPith" type="xs:int"> <xs:annotation> <xs:documentation xml:lang="EN"></xs:documentation> </xs:annotation> </xs:element></pre>

Element missingHeartwoodRingsToPithFoundation

Namespace	http://www.tridas.org/1.2.2
Annotations	
Diagram	<p>The diagram shows a class named 'missingHeartwoodRingsToPithFoundation' with a multiplicity of 0..1. It is associated with a type 'xs:string' via a directed edge.</p>
Type	xs:string
Properties	content: simple
Used by	Element heartwood
Source	<pre><xs:element name="missingHeartwoodRingsToPithFoundation" type="xs:string"> <xs:annotation> <xs:documentation xml:lang="EN"></xs:documentation> </xs:annotation> </xs:element></pre>

Element sapwood

Namespace	http://www.tridas.org/1.2.2
Annotations	
Diagram	<p>The diagram shows a class named 'sapwood' with a multiplicity of 0..1. It has several attributes:</p> <ul style="list-style-type: none"> 'presence' (Type: complexPresenceAbsence) 'nrOfSapwoodRings' (Type: xs:int) 'lastRingUnderBark' (Type: xs:int) 'missingSapwoodRingsToBark' (Type: xs:int) 'missingSapwoodRingsToBarkFoundation' (Type: xs:string)

Properties	content: complex										
Used by	Element woodCompleteness										
Model	nrOfSapwoodRings{0,1} , lastRingUnderBark{0,1} , missingSapwoodRingsToBark{0,1} , missingSapwoodRingsToBarkFoundation{0,1}										
Children	lastRingUnderBark, missingSapwoodRingsToBark, missingSapwoodRingsToBarkFoundation, nrOfSapwoodRings										
Instance	<pre><sapwoodpresence=" "> <nrOfSapwoodRings></nrOfSapwoodRings> <lastRingUnderBarkpresence=" "></lastRingUnderBark> <missingSapwoodRingsToBark></missingSapwoodRingsToBark> <missingSapwoodRingsToBarkFoundation></missingSapwoodRingsToBarkFoundation> </sapwood></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>presence</td><td>complexPresenceAbsence</td><td></td><td></td><td>required</td></tr> </tbody> </table>	QName	Type	Fixed	Default	Use	presence	complexPresenceAbsence			required
QName	Type	Fixed	Default	Use							
presence	complexPresenceAbsence			required							
Source	<pre><xs:element name="sapwood"> <xs:annotation> <xs:documentation xml:lang="EN"></xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence> <xs:element ref="nrOfSapwoodRings" minOccurs="0" /> <xs:element ref="lastRingUnderBark" minOccurs="0" /> <xs:element ref="missingSapwoodRingsToBark" minOccurs="0" /> <xs:element ref="missingSapwoodRingsToBarkFoundation" minOccurs="0" /> </xs:sequence> <xs:attribute name="presence" use="required" type="complexPresenceAbsence"> <xs:annotation> <xs:documentation xml:lang="EN"></xs:documentation> </xs:annotation> </xs:attribute> </xs:complexType> </xs:element></pre>										

Element nrOfSapwoodRings

Namespace	http://www.tridas.org/1.2.2
Annotations	
Diagram	<pre> classDiagram class nrOfSapwoodRings { Type xs:int } xs:int nrOfSapwoodRings "0..1" -- "1..1" xs:int </pre>
Type	xs:int
Properties	content: simple
Used by	Element sapwood
Source	<pre><xs:element name="nrOfSapwoodRings" type="xs:int"> <xs:annotation> <xs:documentation xml:lang="EN"></xs:documentation> </xs:annotation> </xs:element></pre>

Element lastRingUnderBark

Namespace	http://www.tridas.org/1.2.2
Annotations	
Diagram	<pre> classDiagram class lastRingUnderBark { @ attributes presence Type presenceAbsence } presenceAbsence lastRingUnderBark "0..1" -- "1..1" presenceAbsence </pre>
Properties	<p>content: complex</p> <p>mixed: true</p>
Used by	Element sapwood
Model	

Attributes	QName	Type	Fixed	Default	Use
	presence	presenceAbsence			required
Source	<pre><xs:element name="lastRingUnderBark"> <xs:annotation> <xs:documentation xml:lang="EN"></xs:documentation> </xs:annotation> <xs:complexType mixed="true"> <xs:attribute name="presence" type="presenceAbsence" use="required"/> </xs:complexType> </xs:element></pre>				

Element missingSapwoodRingsToBark

Namespace	http://www.tridas.org/1.2.2
Annotations	
Diagram	
Type	xs:int
Properties	content: simple
Used by	Element sapwood
Source	<pre><xs:element name="missingSapwoodRingsToBark" type="xs:int"> <xs:annotation> <xs:documentation xml:lang="EN"></xs:documentation> </xs:annotation> </xs:element></pre>

Element missingSapwoodRingsToBarkFoundation

Namespace	http://www.tridas.org/1.2.2
Annotations	
Diagram	
Type	xs:string
Properties	content: simple
Used by	Element sapwood
Source	<pre><xs:element name="missingSapwoodRingsToBarkFoundation" type="xs:string"> <xs:annotation> <xs:documentation xml:lang="EN"></xs:documentation> </xs:annotation> </xs:element></pre>

Element bark

Namespace	http://www.tridas.org/1.2.2				
Annotations					
Diagram					
Properties	content: complex				
Used by	Element woodCompleteness				
Attributes	QName	Type	Fixed	Default	Use
	presence	presenceAbsence			required
Source	<pre><xs:element name="bark"> <xs:annotation></pre>				

```

<xs:documentation xml:lang="EN"></xs:documentation>
</xs:annotation>
<xs:complexType>
  <xs:attribute name="presence" use="required" type="presenceAbsence" />
</xs:complexType>
</xs:element>

```

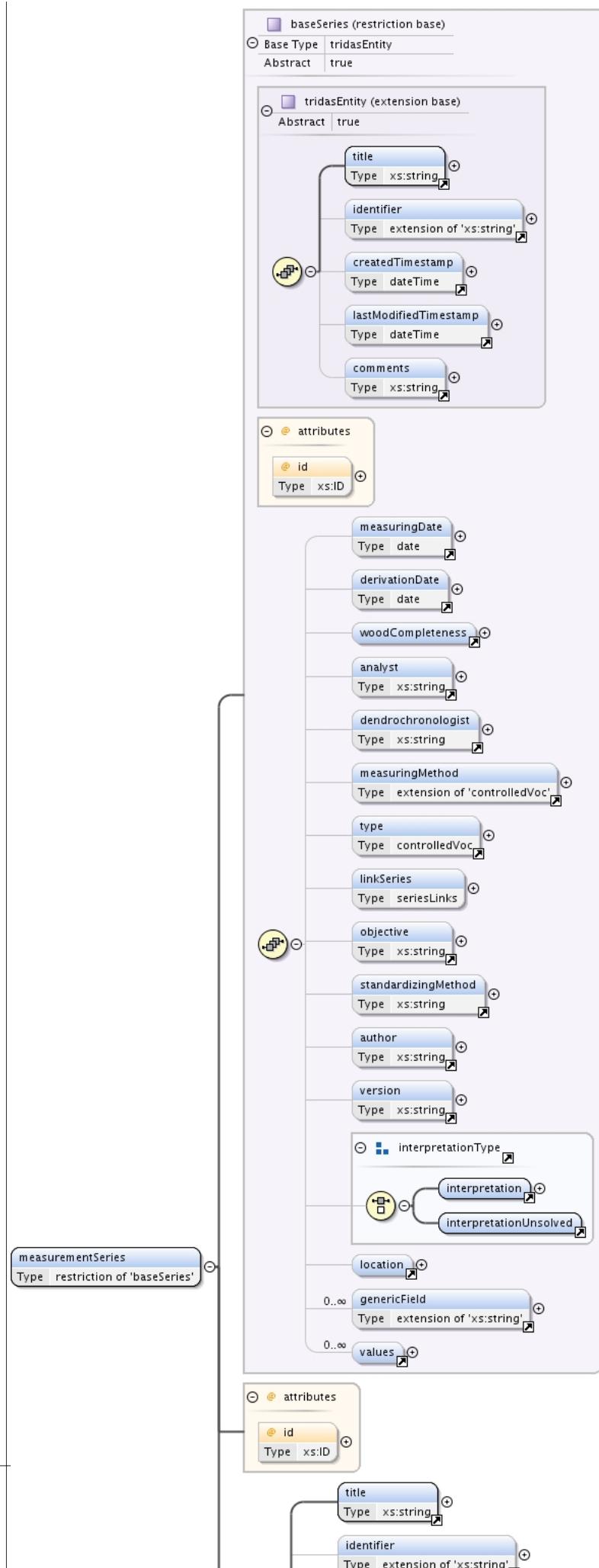
Element azimuth

Namespace	http://www.tridas.org/1.2.2
Annotations	
Diagram	
Type	xs:decimal
Properties	content: simple
Used by	Element radius
Source	<pre> <xs:element name="azimuth" type="xs:decimal"> <xs:annotation> <xs:documentation xml:lang="EN"></xs:documentation> </xs:annotation> </xs:element> </pre>

Element measurementSeries

Namespace	http://www.tridas.org/1.2.2
Annotations	

Diagram



Type	restriction of baseSeries										
Type hierarchy	<ul style="list-style-type: none"> • tridasEntity • baseSeries 										
Properties	content: complex										
Used by	Element radius										
Model	title , identifier{0,1} , createdTimestamp{0,1} , lastModifiedTimestamp{0,1} , comments{0,1} , measuringDate{0,1} , woodCompleteness{0,1} , analyst{0,1} , dendrochronologist{0,1} , measuringMethod , (interpretation interpretationUnsolved) , genericField* , values*										
Children	analyst, comments, createdTimestamp, dendrochronologist, genericField, identifier, interpretation, interpretationUnsolved, lastModifiedTimestamp, measuringDate, measuringMethod, title, values, woodCompleteness										
Instance	<pre><measurementSeries id=""> <title></title> <identifier domain=""></identifier> <createdTimestamp certainty=""></createdTimestamp> <lastModifiedTimestamp certainty=""></lastModifiedTimestamp> <comments></comments> <measuringDate certainty=""></measuringDate> <woodCompleteness></woodCompleteness> <analyst></analyst> <dendrochronologist></dendrochronologist> <measuringMethod lang="normal" normalId="" normalStd="" normalTridas=""></measuringMethod> <genericField name="" type=""></genericField> <values></values> </measurementSeries></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>id</td><td>xs:ID</td><td></td><td></td><td>optional</td></tr> </tbody> </table>	QName	Type	Fixed	Default	Use	id	xs:ID			optional
QName	Type	Fixed	Default	Use							
id	xs:ID			optional							
Source	<pre><xs:element name="measurementSeries"> <xs:annotation> <xs:documentation xml:lang="EN"></xs:documentation> </xs:annotation> <xs:complexType> <xs:complexContent> <xs:restriction base="baseSeries"> <xs:sequence> <xs:element ref="title"/> <xs:element ref="identifier" minOccurs="0"/> <xs:element ref="createdTimestamp" minOccurs="0"/> <xs:element ref="lastModifiedTimestamp" minOccurs="0"/> <xs:element ref="comments" minOccurs="0"/> <xs:element ref="measuringDate" minOccurs="0" maxOccurs="1"/> <xs:element ref="woodCompleteness" minOccurs="0" maxOccurs="1"/> <xs:element ref="analyst" minOccurs="0"/> <xs:element ref="dendrochronologist" minOccurs="0"/> <xs:element ref="measuringMethod" minOccurs="1"/> <xs:group ref="interpretationType" minOccurs="0"/> <xs:element ref="genericField" minOccurs="0" maxOccurs="unbounded"/> <xs:element ref="values" minOccurs="0" maxOccurs="unbounded"/> </xs:sequence> <xs:attribute name="id" type="xs:ID" /> </xs:restriction> </xs:complexContent> </xs:complexType> </xs:element></pre>										

Element measuringDate

Namespace	http://www.tridas.org/1.2.2
Annotations	
Diagram	<pre> classDiagram class measuringDate { <<date>> } class xs:date { <<Base Type>> } class certainty { <<certainty>> } measuringDate < -- xs:date xs:date < -- certainty </pre>

Type	date				
Properties	content: complex				
Used by	Complex Type	baseSeries			
	Element	measurementSeries			
Attributes	QName	Type	Fixed	Default	Use
	certainty	certainty			optional
Source	<pre><xs:element name="measuringDate" type="date"> <xs:annotation> <xs:documentation></xs:documentation> </xs:annotation> </xs:element></pre>				

Element derivationDate

Namespace	http://www.tridas.org/1.2.2				
Annotations					
Diagram	<pre> classDiagram class derivationDate { <<date>> <<@certainty>> } derivationDate < -- xs:date derivationDate < -- attributes { <<@certainty>> } </pre>				
Type	date				
Properties	content: complex				
Used by	Complex Type	baseSeries			
	Element	derivedSeries			
Attributes	QName	Type	Fixed	Default	Use
	certainty	certainty			optional
Source	<pre><xs:element name="derivationDate" type="date"> <xs:annotation> <xs:documentation xml:lang="EN"></xs:documentation> </xs:annotation> </xs:element></pre>				

Element analyst

Namespace	http://www.tridas.org/1.2.2				
Annotations					
Diagram	<pre> classDiagram class analyst { <<xs:string>> } </pre>				
Type	xs:string				
Properties	content: simple				
Used by	Complex Type	baseSeries			
	Element	measurementSeries			
Source	<pre><xs:element name="analyst" type="xs:string"> <xs:annotation> <xs:documentation xml:lang="EN"></xs:documentation> </xs:annotation> </xs:element></pre>				

Element dendrochronologist

Namespace	http://www.tridas.org/1.2.2				
-----------	-----------------------------	--	--	--	--

Annotations	
Diagram	<pre> classDiagram dendrochronologist < -- xs:string </pre>
Type	xs:string
Properties	content: simple
Used by	Complex Type baseSeries Element measurementSeries
Source	<pre> <xs:element name="dendrochronologist" type="xs:string"> <xs:annotation> <xs:documentation xml:lang="EN"></xs:documentation> </xs:annotation> </xs:element> </pre>

Element measuringMethod

Namespace	http://www.tridas.org/1.2.2																														
Annotations																															
Diagram	<pre> classDiagram controlledVoc < -- xs:string controlledVoc < -- measuringMethod controlledVoc < -- attributes controlledVoc < -- normalStd controlledVoc < -- normalId controlledVoc < -- normal controlledVoc < -- lang controlledVoc < -- attributes controlledVoc < -- normalTridas </pre>																														
Type	extension of controlledVoc																														
Type hierarchy	<ul style="list-style-type: none"> • xs:string • controlledVoc 																														
Properties	content: complex																														
Used by	Complex Type baseSeries Elements measurementSeries, vocabulary/measurementSeries.measuringMethod																														
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>xs:language</td> <td></td> <td></td> <td>optional</td> </tr> <tr> <td>normal</td> <td></td> <td></td> <td></td> <td>optional</td> </tr> <tr> <td>normalId</td> <td></td> <td></td> <td></td> <td>optional</td> </tr> <tr> <td>normalStd</td> <td></td> <td></td> <td></td> <td>optional</td> </tr> <tr> <td>normalTridas</td> <td>normalTridasMeasuringMethod</td> <td></td> <td></td> <td>optional</td> </tr> </tbody> </table>	QName	Type	Fixed	Default	Use	lang	xs:language			optional	normal				optional	normalId				optional	normalStd				optional	normalTridas	normalTridasMeasuringMethod			optional
QName	Type	Fixed	Default	Use																											
lang	xs:language			optional																											
normal				optional																											
normalId				optional																											
normalStd				optional																											
normalTridas	normalTridasMeasuringMethod			optional																											
Source	<pre> <xs:element name="measuringMethod"> <xs:annotation> <xs:documentation xml:lang="EN"></xs:documentation> </xs:annotation> <xs:complexType> <xs:complexContent> <xs:extension base="controlledVoc"> <xs:attribute name="normalTridas" type="normalTridasMeasuringMethod"> </pre>																														

```

<xs:annotation>
  <xs:documentation></xs:documentation>
</xs:annotation>
</xs:attribute>
</xs:extension>
</xs:complexContent>
</xs:complexType>
</xs:element>

```

Element baseSeries / linkSeries

Namespace	http://www.tridas.org/1.2.2
Diagram	<pre> classDiagram class linkSeries { <<seriesLinks>> } class seriesLinks { <<seriesLink>> } linkSeries "0..1" *-- "1" seriesLinks </pre>
Type	seriesLinks
Properties	<p>content: complex</p> <p>minOccurs: 0</p> <p>maxOccurs: 1</p>
Model	series*
Children	series
Instance	<linkSeries> <series></series> </linkSeries>
Source	<xs:element name="linkSeries" type="seriesLinks" minOccurs="0" maxOccurs="1"/>

Element objective

Namespace	http://www.tridas.org/1.2.2
Annotations	
Diagram	<pre> classDiagram class objective { <<xs:string>> } objective --> xs:string </pre>
Type	xs:string
Properties	content: simple
Used by	Complex Type baseSeries Element derivedSeries
Source	<xs:element name="objective" type="xs:string"> <xs:annotation> <xs:documentation xml:lang="EN"></xs:documentation> </xs:annotation> </xs:element>

Element standardizingMethod

Namespace	http://www.tridas.org/1.2.2
Annotations	
Diagram	<pre> classDiagram class standardizingMethod { <<xs:string>> } standardizingMethod --> xs:string </pre>
Type	xs:string
Properties	content: simple
Used by	Complex Type baseSeries Element derivedSeries
Source	<xs:element name="standardizingMethod" type="xs:string"> <xs:annotation> <xs:documentation xml:lang="EN"></xs:documentation> </xs:annotation> </xs:element>

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

Element author

Namespace	http://www.tridas.org/1.2.2
Annotations	
Diagram	<pre>author Type xs:string</pre>
Type	xs:string
Properties	content: simple
Used by	Complex Type baseSeries Element derivedSeries
Source	<pre><xs:element name="author" type="xs:string"> <xs:annotation> <xs:documentation xml:lang="EN"></xs:documentation> </xs:annotation> </xs:element></pre>

Element version

Namespace	http://www.tridas.org/1.2.2
Annotations	
Diagram	<pre>version Type xs:string</pre>
Type	xs:string
Properties	content: simple
Used by	Complex Type baseSeries Element derivedSeries
Source	<pre><xs:element name="version" type="xs:string"> <xs:annotation> <xs:documentation xml:lang="EN"></xs:documentation> </xs:annotation> </xs:element></pre>

Element interpretation

Namespace	http://www.tridas.org/1.2.2
Annotations	
Diagram	<pre>interpretation + dating + firstYear Type year + lastYear Type year + datingReference + 0..∞ statFoundation + pithYear Type year + deathYear Type year + provenance Type xs:string</pre>
Properties	content: complex

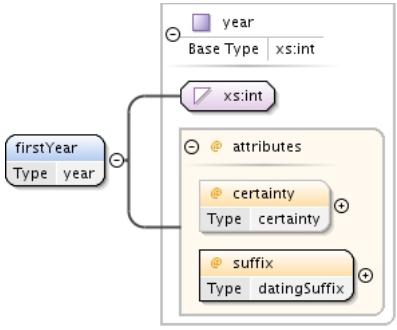
Used by	Element Group interpretationType
Model	dating{0,1} , firstYear{0,1} , lastYear{0,1} , datingReference{0,1} , statFoundation* , pithYear{0,1} , deathYear{0,1} , provenance{0,1}
Children	dating, datingReference, deathYear, firstYear, lastYear, pithYear, provenance, statFoundation
Instance	<pre><interpretation> <dating type="" /> <firstYear certainty="" suffix="" /> <lastYear certainty="" suffix="" /> <datingReference /> <statFoundation /> <pithYear certainty="" suffix="" /> <deathYear certainty="" suffix="" /> <provenance /> </interpretation></pre>
Source	<pre><xs:element name="interpretation"> <xs:annotation> <xs:documentation xml:lang="EN"></xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence> <xs:element ref="dating" minOccurs="0" /> <xs:element ref="firstYear" minOccurs="0" /> <xs:element ref="lastYear" minOccurs="0" /> <xs:element ref="datingReference" minOccurs="0" /> <xs:element ref="statFoundation" minOccurs="0" maxOccurs="unbounded" /> <xs:element ref="pithYear" minOccurs="0" /> <xs:element ref="deathYear" minOccurs="0" /> <xs:element ref="provenance" minOccurs="0" /> </xs:sequence> </xs:complexType> </xs:element></pre>

Element dating

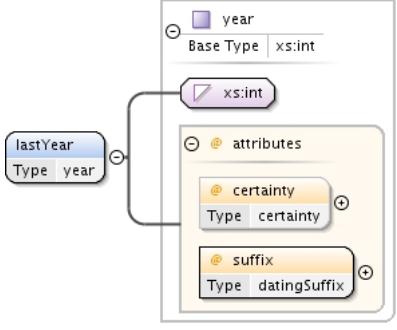
Namespace	http://www.tridas.org/1.2.2														
Annotations															
Diagram	<pre> classDiagram class dating { <<type normalTridasDatingType>> } dating "1" -- "*" type type <<normalTridasDatingType>> </pre>														
Properties	content: complex														
Used by	Element interpretation														
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>normalTridasDatingType</td> <td></td> <td></td> <td>required</td> </tr> </tbody> </table>					QName	Type	Fixed	Default	Use	type	normalTridasDatingType			required
QName	Type	Fixed	Default	Use											
type	normalTridasDatingType			required											
Source	<pre><xs:element name="dating"> <xs:annotation> <xs:documentation xml:lang="EN"></xs:documentation> </xs:annotation> <xs:complexType> <xs:attribute name="type" type="normalTridasDatingType" use="required"> <xs:annotation> <xs:documentation xml:lang="EN"></xs:documentation> </xs:annotation> </xs:attribute> </xs:complexType> </xs:element></pre>														

Element firstYear

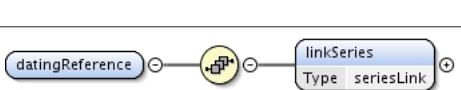
Namespace	http://www.tridas.org/1.2.2	
Annotations		

Diagram																
Type	year															
Properties	content: complex															
Used by	Element interpretation															
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>certainty</td><td>certainty</td><td></td><td></td><td>optional</td></tr> <tr> <td>suffix</td><td>datingSuffix</td><td></td><td></td><td>required</td></tr> </tbody> </table>	QName	Type	Fixed	Default	Use	certainty	certainty			optional	suffix	datingSuffix			required
QName	Type	Fixed	Default	Use												
certainty	certainty			optional												
suffix	datingSuffix			required												
Source	<pre><xs:element name="firstYear" type="year"> <xs:annotation> <xs:documentation xml:lang="EN"></xs:documentation> </xs:annotation> </xs:element></pre>															

Element lastYear

Namespace	http://www.tridas.org/1.2.2															
Annotations																
Diagram																
Type	year															
Properties	content: complex															
Used by	Element interpretation															
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>certainty</td><td>certainty</td><td></td><td></td><td>optional</td></tr> <tr> <td>suffix</td><td>datingSuffix</td><td></td><td></td><td>required</td></tr> </tbody> </table>	QName	Type	Fixed	Default	Use	certainty	certainty			optional	suffix	datingSuffix			required
QName	Type	Fixed	Default	Use												
certainty	certainty			optional												
suffix	datingSuffix			required												
Source	<pre><xs:element name="lastYear" type="year"> <xs:annotation> <xs:documentation xml:lang="EN"></xs:documentation> </xs:annotation> </xs:element></pre>															

Element datingReference

Namespace	http://www.tridas.org/1.2.2
Annotations	
Diagram	

Properties	content: complex
Used by	Element interpretation
Model	linkSeries
Children	linkSeries
Instance	<datingReference> <linkSeries></linkSeries> </datingReference>
Source	<xss:element name="datingReference"> <xss:annotation> <xss:documentation xml:lang="EN"></xss:documentation> </xss:annotation> <xss:complexType> <xss:sequence> <xss:element name="linkSeries" type="seriesLink"/> </xss:sequence> </xss:complexType> </xss:element>

Element datingReference / linkSeries

Namespace	http://www.tridas.org/1.2.2
Diagram	
Type	seriesLink
Properties	content: complex
Model	idRef xLink identifier
Children	idRef, identifier, xLink
Instance	<linkSeries> <idRef ref="" /></idRef> <xLink xlink:href="" /></xLink> <identifier domain="" /></identifier> </linkSeries>
Source	<xss:element name="linkSeries" type="seriesLink"/>

Element statFoundation

Namespace	http://www.tridas.org/1.2.2
Annotations	
Diagram	
Properties	content: complex
Used by	Element interpretation
Model	statValue , type , significanceLevel{0,1} , usedSoftware
Children	significanceLevel, statValue, type, usedSoftware
Instance	<statFoundation> <statValue></statValue> <type lang="normal" normalId="" normalStd="" /></type>

	<pre><significanceLevel></significanceLevel> <usedSoftware></usedSoftware> </statFoundation></pre>
Source	<pre><xs:element name="statFoundation"> <xs:annotation> <xs:documentation xml:lang="EN"></xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence> <xs:element ref="statValue" /> <xs:element ref="type" /> <xs:element ref="significanceLevel" minOccurs="0" /> <xs:element ref="usedSoftware" /> </xs:sequence> </xs:complexType> </xs:element></pre>

Element statValue

Namespace	http://www.tridas.org/1.2.2
Annotations	
Diagram	<p>The diagram shows a class named 'statValue' with a multiplicity of 1..1. A directed association line connects it to another class labeled 'xs:decimal' with a multiplicity of 0..1. There is also a self-loop association on the 'statValue' class.</p>
Type	xs:decimal
Properties	content: simple
Used by	Element statFoundation
Source	<pre><xs:element name="statValue" type="xs:decimal"> <xs:annotation> <xs:documentation xml:lang="EN"></xs:documentation> </xs:annotation> </xs:element></pre>

Element significanceLevel

Namespace	http://www.tridas.org/1.2.2
Annotations	
Diagram	<p>The diagram shows a class named 'significanceLevel' with a multiplicity of 1..1. A directed association line connects it to another class labeled 'xs:decimal' with a multiplicity of 0..1. There is also a self-loop association on the 'significanceLevel' class.</p>
Type	xs:decimal
Properties	content: simple
Used by	Element statFoundation
Source	<pre><xs:element name="significanceLevel" type="xs:decimal"> <xs:annotation> <xs:documentation xml:lang="EN"></xs:documentation> </xs:annotation> </xs:element></pre>

Element usedSoftware

Namespace	http://www.tridas.org/1.2.2
Annotations	
Diagram	<p>The diagram shows a class named 'usedSoftware' with a multiplicity of 1..1. A directed association line connects it to another class labeled 'xs:string' with a multiplicity of 0..1. There is also a self-loop association on the 'usedSoftware' class.</p>
Type	xs:string
Properties	content: simple
Used by	Element statFoundation
Source	<pre><xs:element name="usedSoftware" type="xs:string"> <xs:annotation> <xs:documentation xml:lang="EN"></xs:documentation> </xs:annotation> </xs:element></pre>

Element pithYear

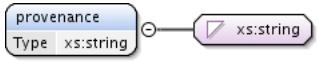
Namespace	http://www.tridas.org/1.2.2																			
Annotations																				
Diagram	<pre> classDiagram class year { <<Base Type xs:int>> } class pithYear { <<Type year>> } class xsint { <<xs:int>> } class attributes { <<@ attributes>> } class certainty { <<@ certainty Type certainty>> } class suffix { <<@ suffix Type datingSuffix>> } year < -- pithYear pithYear < -- xsint xsint < -- attributes attributes < -- certainty attributes < -- suffix </pre>																			
Type	year																			
Properties	content: complex																			
Used by	Element interpretation																			
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>certainty</td> <td>certainty</td> <td></td> <td></td> <td>optional</td> </tr> <tr> <td>suffix</td> <td>datingSuffix</td> <td></td> <td></td> <td>required</td> </tr> </tbody> </table>					QName	Type	Fixed	Default	Use	certainty	certainty			optional	suffix	datingSuffix			required
QName	Type	Fixed	Default	Use																
certainty	certainty			optional																
suffix	datingSuffix			required																
Source	<pre> <xss:element name="pithYear" type="year"> <xss:annotation> <xss:documentation xml:lang="EN"></xss:documentation> </xss:annotation> </xss:element> </pre>																			

Element deathYear

Namespace	http://www.tridas.org/1.2.2																			
Annotations																				
Diagram	<pre> classDiagram class year { <<Base Type xs:int>> } class deathYear { <<Type year>> } class xsint { <<xs:int>> } class attributes { <<@ attributes>> } class certainty { <<@ certainty Type certainty>> } class suffix { <<@ suffix Type datingSuffix>> } year < -- deathYear deathYear < -- xsint xsint < -- attributes attributes < -- certainty attributes < -- suffix </pre>																			
Type	year																			
Properties	content: complex																			
Used by	Element interpretation																			
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>certainty</td> <td>certainty</td> <td></td> <td></td> <td>optional</td> </tr> <tr> <td>suffix</td> <td>datingSuffix</td> <td></td> <td></td> <td>required</td> </tr> </tbody> </table>					QName	Type	Fixed	Default	Use	certainty	certainty			optional	suffix	datingSuffix			required
QName	Type	Fixed	Default	Use																
certainty	certainty			optional																
suffix	datingSuffix			required																
Source	<pre> <xss:element name="deathYear" type="year"> <xss:annotation> <xss:documentation xml:lang="EN"></xss:documentation> </xss:annotation> </xss:element> </pre>																			

Element provenance

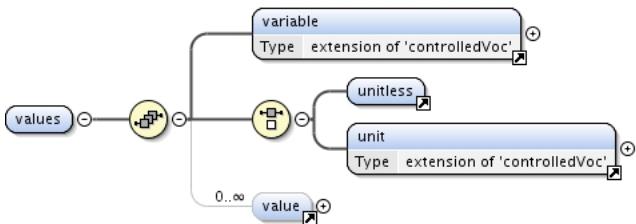
Namespace	http://www.tridas.org/1.2.2				
Annotations					

Diagram	
Type	xs:string
Properties	content: simple
Used by	Element interpretation
Source	<pre><xs:element name="provenance" type="xs:string"> <xs:annotation> <xs:documentation xml:lang="EN"></xs:documentation> </xs:annotation> </xs:element></pre>

Element interpretationUnsolved

Namespace	http://www.tridas.org/1.2.2
Diagram	
Properties	content: complex
Used by	Element Group interpretationType
Source	<pre><xs:element name="interpretationUnsolved"> <xs:complexType/> </xs:element></pre>

Element values

Namespace	http://www.tridas.org/1.2.2
Annotations	
Diagram	
Properties	content: complex
Used by	Complex Type baseSeries Elements derivedSeries, measurementSeries
Model	variable , (unitless unit) , value*
Children	unit, unitless, value, variable
Instance	<pre><values> <variable lang="" normal="" normalId="" normalStd="" normalTridas="" /> <value count="" value="" /> </values></pre>
Source	<pre><xs:element name="values"> <xs:annotation> <xs:documentation xml:lang="EN"></xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence> <xs:element ref="variable" minOccurs="1" maxOccurs="1" /> <xs:choice> <xs:element ref="unitless" /> <xs:element ref="unit" /> </xs:choice> <xs:element ref="value" minOccurs="0" maxOccurs="unbounded" /> </xs:sequence> </xs:complexType> </xs:element></pre>

Element variable

Namespace	http://www.tridas.org/1.2.2
-----------	-----------------------------

Annotations																															
Diagram	<pre> classDiagram variable <--> controlledVoc variable { @ normalStd @ normalId @ normal @ lang : xs:language --> normalTridasVariable } class controlledVoc { <extension base="controlledVoc"> <attribute name="normalTridas" type="normalTridasVariable"/> </extension> } </pre>																														
Type	extension of controlledVoc																														
Type hierarchy	<ul style="list-style-type: none"> • xs:string • controlledVoc 																														
Properties	content: complex																														
Used by	Elements values, vocabulary/values.variable																														
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>xs:language</td><td></td><td></td><td>optional</td></tr> <tr> <td>normal</td><td></td><td></td><td></td><td>optional</td></tr> <tr> <td>normalId</td><td></td><td></td><td></td><td>optional</td></tr> <tr> <td>normalStd</td><td></td><td></td><td></td><td>optional</td></tr> <tr> <td>normalTridas</td><td>normalTridasVariable</td><td></td><td></td><td>optional</td></tr> </tbody> </table>	QName	Type	Fixed	Default	Use	lang	xs:language			optional	normal				optional	normalId				optional	normalStd				optional	normalTridas	normalTridasVariable			optional
QName	Type	Fixed	Default	Use																											
lang	xs:language			optional																											
normal				optional																											
normalId				optional																											
normalStd				optional																											
normalTridas	normalTridasVariable			optional																											
Source	<pre> <xs:element name="variable"> <xs:annotation> <xs:documentation xml:lang="EN"></xs:documentation> </xs:annotation> <xs:complexType> <xs:complexContent> <xs:extension base="controlledVoc"> <xs:attribute name="normalTridas" type="normalTridasVariable"/> </xs:extension> </xs:complexContent> </xs:complexType> </xs:element> </pre>																														

Element unitless

Namespace	http://www.tridas.org/1.2.2
Annotations	
Diagram	<pre> classDiagram unitless </pre>
Properties	content: complex
Used by	Element values
Source	<pre> <xs:element name="unitless"> <xs:annotation> <xs:documentation xml:lang="EN"></xs:documentation> </xs:annotation> <xs:complexType/> </xs:element> </pre>

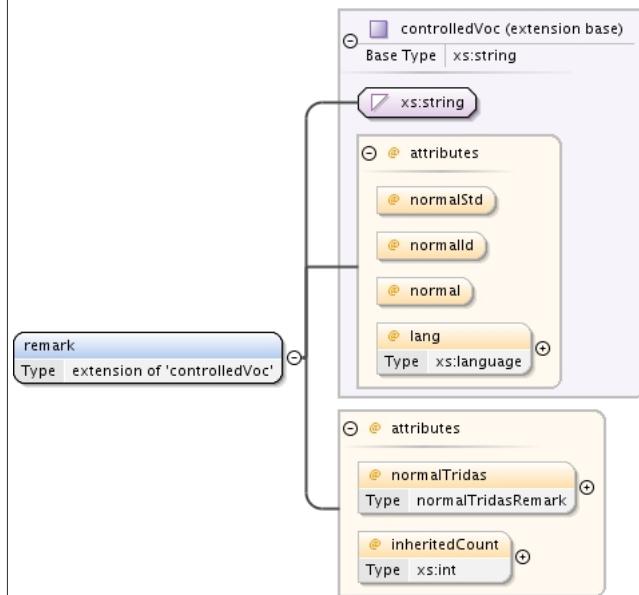
Element value

Namespace	http://www.tridas.org/1.2.2																			
Diagram	<pre> classDiagram class value { @ value Type xs:string @ count Type xs:int } class remark { <<extension of 'controlledVoc'>> } value "0..∞" -- "remark" </pre>																			
Properties	content: complex																			
Used by	Element values																			
Model	remark*																			
Children	remark																			
Instance	<pre> <value count="" value=""> <remark inheritedCount="" lang="" normal="" normalId="" normalStd="" normalTridas=""></remark> </value> </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>count</td> <td>xs:int</td> <td></td> <td></td> <td>optional</td> </tr> <tr> <td>value</td> <td>xs:string</td> <td></td> <td></td> <td>required</td> </tr> </tbody> </table>					QName	Type	Fixed	Default	Use	count	xs:int			optional	value	xs:string			required
QName	Type	Fixed	Default	Use																
count	xs:int			optional																
value	xs:string			required																
Source	<pre> <xss:element name="value"> <xss:complexType> <xss:sequence> <xss:element ref="remark" minOccurs="0" maxOccurs="unbounded"/> </xss:sequence> <xss:attribute name="value" type="xs:string" use="required"> <xss:annotation> <xss:documentation xml:lang="EN"></xss:documentation> </xss:annotation> </xss:attribute> <xss:attribute name="count" type="xs:int" use="optional"> <xss:annotation> <xss:documentation xml:lang="EN"></xss:documentation> </xss:annotation> </xss:attribute> </xss:complexType> </xss:element> </pre>																			

Element remark

Namespace	http://www.tridas.org/1.2.2	
Annotations		

Diagram

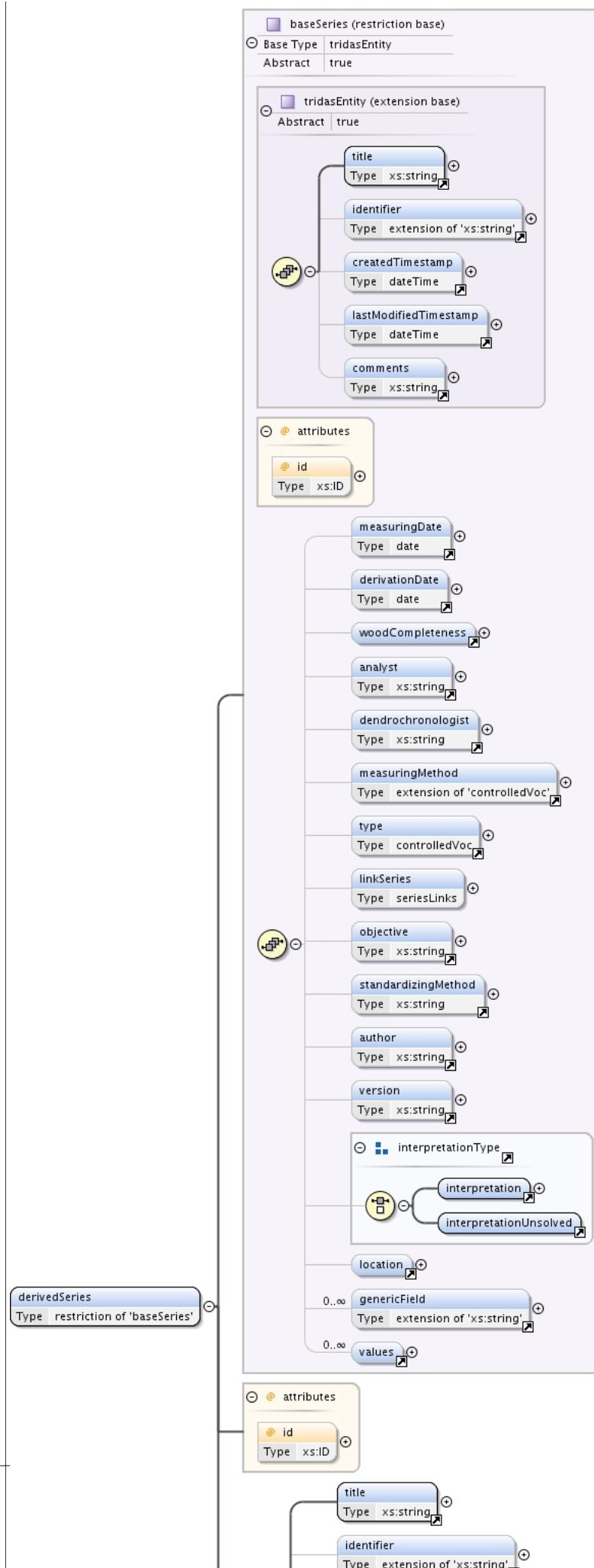


Type	extension of controlledVoc				
Type hierarchy	<ul style="list-style-type: none"> • xs:string • controlledVoc 				
Properties	content: complex				
Used by	Elements value, vocabulary/values.remark				
Attributes	QName	Type	Fixed	Default	Use
	inheritedCount	xs:int			optional
	lang	xs:language			optional
	normal				optional
	normalId				optional
	normalStd				optional
	normalTridas	normalTridasRemark			optional
Source	<pre> <xs:element name="remark"> <xs:annotation> <xs:documentation xml:lang="EN"></xs:documentation> </xs:annotation> <xs:complexType> <xs:complexContent> <xs:extension base="controlledVoc"> <xs:attribute name="normalTridas" type="normalTridasRemark"> <xs:annotation> <xs:documentation xml:lang="EN"></xs:documentation> </xs:annotation> </xs:attribute> <xs:attribute name="inheritedCount" type="xs:int"> <xs:annotation> <xs:documentation xml:lang="EN"></xs:documentation> </xs:annotation> </xs:attribute> </xs:extension> </xs:complexContent> </xs:complexType> </xs:element> </pre>				

Element derivedSeries

Namespace	http://www.tridas.org/1.2.2
Annotations	

Diagram



Type	restriction of baseSeries														
Type hierarchy	<ul style="list-style-type: none"> • tridasEntity <ul style="list-style-type: none"> • baseSeries 														
Properties	content: complex														
Used by	Element project														
Model	title , identifier{0,1} , createdTimestamp{0,1} , lastModifiedTimestamp{0,1} , comments{0,1} , derivationDate{0,1} , type , linkSeries , objective{0,1} , standardizingMethod{0,1} , author{0,1} , version{0,1} , (interpretation interpretationUnsolved) , location{0,1} , genericField* , values*														
Children	author, comments, createdTimestamp, derivationDate, genericField, identifier, interpretation, interpretationUnsolved, lastModifiedTimestamp, linkSeries, location, objective, standardizingMethod, title, type, values, version														
Instance	<pre><derivedSeries id=""> <title></title> <identifier domain=""></identifier> <createdTimestamp certainty=""></createdTimestamp> <lastModifiedTimestamp certainty=""></lastModifiedTimestamp> <comments></comments> <derivationDate certainty=""></derivationDate> <type lang="normal" normalId="normalStd" type="normal"></type> <linkSeries></linkSeries> <objective></objective> <standardizingMethod></standardizingMethod> <author></author> <version></version> <location></location> <genericField name="type" type="seriesLinks"></genericField> <values></values> </derivedSeries></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>id</td><td>xs:ID</td><td></td><td></td><td>optional</td></tr> </tbody> </table>					QName	Type	Fixed	Default	Use	id	xs:ID			optional
QName	Type	Fixed	Default	Use											
id	xs:ID			optional											
Source	<pre><xss:element name="derivedSeries"> <xss:annotation> <xss:documentation xml:lang="EN"></xss:documentation> </xss:annotation> <xss:complexType> <xss:complexContent> <xss:restriction base="baseSeries"> <xss:sequence> <xss:element ref="title"/> <xss:element ref="identifier" minOccurs="0"/> <xss:element ref="createdTimestamp" minOccurs="0"/> <xss:element ref="lastModifiedTimestamp" minOccurs="0"/> <xss:element ref="comments" minOccurs="0"/> <xss:element ref="derivationDate" minOccurs="0" maxOccurs="1"/> <xss:element ref="type" minOccurs="1"/> <xss:element name="linkSeries" type="seriesLinks" minOccurs="1" maxOccurs="1"/> <xss:element ref="objective" minOccurs="0"/> <xss:element ref="standardizingMethod" minOccurs="0"/> <xss:element ref="author" minOccurs="0"/> <xss:element ref="version" minOccurs="0"/> <xss:group ref="interpretationType" minOccurs="0"/> <xss:element ref="location" minOccurs="0"/> <xss:element ref="genericField" minOccurs="0" maxOccurs="unbounded"/> <xss:element ref="values" minOccurs="0" maxOccurs="unbounded"/> </xss:sequence> <xss:attribute name="id" type="xs:ID" /> </xss:restriction> </xss:complexContent> </xss:complexType> </xss:element></pre>														

Element derivedSeries / linkSeries

Namespace	http://www.tridas.org/1.2.2	
Diagram	<pre> classDiagram class linkSeries { <<seriesLinks>> } class seriesLinks { <<seriesLinks>> } linkSeries "0..infinity" -- "0..infinity" seriesLinks </pre>	
Type	seriesLinks	
Properties	content: complex	

	minOccurs: 1
	maxOccurs: 1
Model	series*
Children	series
Instance	<linkSeries> <series></series> </linkSeries>
Source	<xss:element name="linkSeries" type="seriesLinks" minOccurs="1" maxOccurs="1"/>

Element vocabulary

Namespace	http://www.tridas.org/1.2.2
Annotations	
Diagram	<pre> graph LR vocabulary[vocabulary] --- projectCategory[project.category] vocabulary --- projectType[project.type] vocabulary --- objectType[object.type] vocabulary --- elementType[element.type] vocabulary --- sampleType[sample.type] vocabulary --- derivedSeriesType[derivedSeries.type] vocabulary --- elementTaxon[element.taxon] vocabulary --- elementShape[element.shape] vocabulary --- measurementSeriesMeasuringMethod[measurementSeries.measuringMethod] vocabulary --- valuesVariable[values.variable] vocabulary --- valuesRemark[values.remark] vocabulary --- locationType[location.type] vocabulary --- globalUnit[global.unit] </pre>
Properties	content: complex
Used by	Element tridas
Model	ALL(project.category{0,1} project.type{0,1} object.type{0,1} element.type{0,1} sample.type{0,1} derivedSeries.type{0,1} element.taxon{0,1} element.shape{0,1} measurementSeries.measuringMethod{0,1} values.variable{0,1} values.remark{0,1} location.type{0,1} global.unit{0,1})
Children	derivedSeries.type, element.shape, element.taxon, element.type, global.unit, location.type, measurementSeries.measuringMethod, object.type, project.category, project.type, sample.type, values.remark, values.variable
Instance	<pre> <vocabulary> <project.category></project.category> <project.type></project.type> <object.type></object.type> <element.type></element.type> <sample.type></sample.type> <derivedSeries.type></derivedSeries.type> <element.taxon></element.taxon> <element.shape></element.shape> <measurementSeries.measuringMethod></measurementSeries.measuringMethod> <values.variable></values.variable> <values.remark></values.remark> <location.type></location.type> <global.unit></global.unit> </vocabulary> </pre>
Source	<pre> <xss:element name="vocabulary"> <xss:annotation> <xss:documentation></xss:documentation> </xss:annotation> <xss:complexType> <xss:all> <xss:element name="project.category" minOccurs="0" maxOccurs="1"> <xss:complexType> <xss:sequence> </pre>

```

        <xs:element ref="category" minOccurs="1" maxOccurs="unbounded" />
    </xs:sequence>
</xs:complexType>
</xs:element>
<xs:element name="project.type" minOccurs="0" maxOccurs="1">
    <xs:complexType>
        <xs:sequence>
            <xs:element ref="type" minOccurs="1" maxOccurs="unbounded" />
        </xs:sequence>
    </xs:complexType>
</xs:element>
<xs:element name="object.type" minOccurs="0" maxOccurs="1">
    <xs:complexType>
        <xs:sequence>
            <xs:element ref="type" minOccurs="1" maxOccurs="unbounded" />
        </xs:sequence>
    </xs:complexType>
</xs:element>
<xs:element name="element.type" minOccurs="0" maxOccurs="1">
    <xs:complexType>
        <xs:sequence>
            <xs:element ref="type" minOccurs="1" maxOccurs="unbounded" />
        </xs:sequence>
    </xs:complexType>
</xs:element>
<xs:element name="sample.type" minOccurs="0" maxOccurs="1">
    <xs:complexType>
        <xs:sequence>
            <xs:element ref="type" minOccurs="1" maxOccurs="unbounded" />
        </xs:sequence>
    </xs:complexType>
</xs:element>
<xs:element name="derivedSeries.type" minOccurs="0" maxOccurs="1">
    <xs:complexType>
        <xs:sequence>
            <xs:element ref="type" minOccurs="1" maxOccurs="unbounded" />
        </xs:sequence>
    </xs:complexType>
</xs:element>
<xs:element name="element.taxon" minOccurs="0" maxOccurs="1">
    <xs:complexType>
        <xs:sequence>
            <xs:element ref="taxon" minOccurs="1" maxOccurs="unbounded" />
        </xs:sequence>
    </xs:complexType>
</xs:element>
<xs:element name="element.shape" minOccurs="0" maxOccurs="1">
    <xs:complexType>
        <xs:sequence>
            <xs:element ref="shape" minOccurs="1" maxOccurs="unbounded" />
        </xs:sequence>
    </xs:complexType>
</xs:element>
<xs:element name="measurementSeries.measuringMethod" minOccurs="0" maxOccurs="1">
    <xs:complexType>
        <xs:sequence>
            <xs:element ref="measuringMethod" minOccurs="1" maxOccurs="unbounded" />
        </xs:sequence>
    </xs:complexType>
</xs:element>
<xs:element name="values.variable" minOccurs="0" maxOccurs="1">
    <xs:complexType>
        <xs:sequence>
            <xs:element ref="variable" minOccurs="1" maxOccurs="unbounded" />
        </xs:sequence>
    </xs:complexType>
</xs:element>
<xs:element name="values.remark" minOccurs="0" maxOccurs="1">
    <xs:complexType>
        <xs:sequence>
            <xs:element ref="remark" minOccurs="1" maxOccurs="unbounded" />
        </xs:sequence>
    </xs:complexType>
</xs:element>
<xs:element name="location.type" minOccurs="0" maxOccurs="1">
    <xs:complexType>
        <xs:sequence>
            <xs:element ref="locationType" minOccurs="1" maxOccurs="unbounded" />
        </xs:sequence>
    </xs:complexType>
</xs:element>
<xs:element name="global.unit" minOccurs="0" maxOccurs="1">
    <xs:complexType>

```

```

<xs:sequence>
  <xs:element ref="unit" minOccurs="1" maxOccurs="unbounded" />
</xs:sequence>
</xs:complexType>
</xs:element>
</xs:all>
</xs:complexType>
</xs:element>

```

Element vocabulary / project.category

Namespace	http://www.tridas.org/1.2.2
Diagram	
Properties	<p>content: complex</p> <p>minOccurs: 0</p> <p>maxOccurs: 1</p>
Model	category+
Children	category
Instance	<project.category> <category lang="" normal="" normalId="" normalStd="" /> </project.category>
Source	<xs:element name="project.category" minOccurs="0" maxOccurs="1"> <xs:complexType> <xs:sequence> <xs:element ref="category" minOccurs="1" maxOccurs="unbounded" /> </xs:sequence> </xs:complexType> </xs:element>

Element vocabulary / project.type

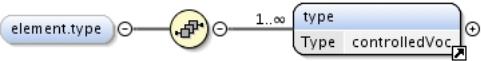
Namespace	http://www.tridas.org/1.2.2
Diagram	
Properties	<p>content: complex</p> <p>minOccurs: 0</p> <p>maxOccurs: 1</p>
Model	type+
Children	type
Instance	<project.type> <type lang="" normal="" normalId="" normalStd="" /> </project.type>
Source	<xs:element name="project.type" minOccurs="0" maxOccurs="1"> <xs:complexType> <xs:sequence> <xs:element ref="type" minOccurs="1" maxOccurs="unbounded" /> </xs:sequence> </xs:complexType> </xs:element>

Element vocabulary / object.type

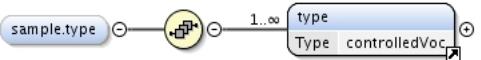
Namespace	http://www.tridas.org/1.2.2
Diagram	
Properties	<p>content: complex</p> <p>minOccurs: 0</p> <p>maxOccurs: 1</p>
Model	type+
Children	type

Instance	<pre><object.type> <typeLang="" normal="" normalId="" normalStd=""></type> </object.type></pre>
Source	<pre><xs:element name="object.type" minOccurs="0" maxOccurs="1"> <xs:complexType> <xs:sequence> <xs:element ref="type" minOccurs="1" maxOccurs="unbounded"/> </xs:sequence> </xs:complexType> </xs:element></pre>

Element vocabulary / element.type

Namespace	http://www.tridas.org/1.2.2
Diagram	
Properties	<p>content: complex</p> <p>minOccurs: 0</p> <p>maxOccurs: 1</p>
Model	type+
Children	type
Instance	<pre><element.type> <typeLang="" normal="" normalId="" normalStd=""></type> </element.type></pre>
Source	<pre><xs:element name="element.type" minOccurs="0" maxOccurs="1"> <xs:complexType> <xs:sequence> <xs:element ref="type" minOccurs="1" maxOccurs="unbounded"/> </xs:sequence> </xs:complexType> </xs:element></pre>

Element vocabulary / sample.type

Namespace	http://www.tridas.org/1.2.2
Diagram	
Properties	<p>content: complex</p> <p>minOccurs: 0</p> <p>maxOccurs: 1</p>
Model	type+
Children	type
Instance	<pre><sample.type> <typeLang="" normal="" normalId="" normalStd=""></type> </sample.type></pre>
Source	<pre><xs:element name="sample.type" minOccurs="0" maxOccurs="1"> <xs:complexType> <xs:sequence> <xs:element ref="type" minOccurs="1" maxOccurs="unbounded"/> </xs:sequence> </xs:complexType> </xs:element></pre>

Element vocabulary / derivedSeries.type

Namespace	http://www.tridas.org/1.2.2
Diagram	
Properties	<p>content: complex</p> <p>minOccurs: 0</p> <p>maxOccurs: 1</p>

Model	type+
Children	type
Instance	<pre><derivedSeries.type> <typeLang="" normal="" normalId="" normalStd="" ></type> </derivedSeries.type></pre>
Source	<pre><xss:element name="derivedSeries.type" minOccurs="0" maxOccurs="1"> <xss:complexType> <xss:sequence> <xss:element ref="type" minOccurs="1" maxOccurs="unbounded" /> </xss:sequence> </xss:complexType> </xss:element></pre>

Element vocabulary / element.taxon

Namespace	http://www.tridas.org/1.2.2						
Diagram							
Properties	<table border="1"> <tr> <td>content:</td> <td>complex</td> </tr> <tr> <td>minOccurs:</td> <td>0</td> </tr> <tr> <td>maxOccurs:</td> <td>1</td> </tr> </table>	content:	complex	minOccurs:	0	maxOccurs:	1
content:	complex						
minOccurs:	0						
maxOccurs:	1						
Model	taxon+						
Children	taxon						
Instance	<pre><element.taxon> <taxonLang="" normal="" normalId="" normalStd="" ></taxon> </element.taxon></pre>						
Source	<pre><xss:element name="element.taxon" minOccurs="0" maxOccurs="1"> <xss:complexType> <xss:sequence> <xss:element ref="taxon" minOccurs="1" maxOccurs="unbounded" /> </xss:sequence> </xss:complexType> </xss:element></pre>						

Element vocabulary / element.shape

Namespace	http://www.tridas.org/1.2.2						
Diagram							
Properties	<table border="1"> <tr> <td>content:</td> <td>complex</td> </tr> <tr> <td>minOccurs:</td> <td>0</td> </tr> <tr> <td>maxOccurs:</td> <td>1</td> </tr> </table>	content:	complex	minOccurs:	0	maxOccurs:	1
content:	complex						
minOccurs:	0						
maxOccurs:	1						
Model	shape+						
Children	shape						
Instance	<pre><element.shape> <shapeLang="" normal="" normalId="" normalStd="" normalTridas="" ></shape> </element.shape></pre>						
Source	<pre><xss:element name="element.shape" minOccurs="0" maxOccurs="1"> <xss:complexType> <xss:sequence> <xss:element ref="shape" minOccurs="1" maxOccurs="unbounded" /> </xss:sequence> </xss:complexType> </xss:element></pre>						

Element vocabulary / measurementSeries.measuringMethod

Namespace	http://www.tridas.org/1.2.2				
Diagram					
Properties	<table border="1"> <tr> <td>content:</td> <td>complex</td> </tr> <tr> <td>minOccurs:</td> <td>0</td> </tr> </table>	content:	complex	minOccurs:	0
content:	complex				
minOccurs:	0				

	maxOccurs: 1
Model	measuringMethod+
Children	measuringMethod
Instance	<pre><measurementSeries.measuringMethod> <measuringMethod lang="" normal="" normalId="" normalStd="" normalTridas="" /></ measuringMethod> </measurementSeries.measuringMethod></pre>
Source	<pre><xs:element name="measurementSeries.measuringMethod" minOccurs="0" maxOccurs="1"> <xs:complexType> <xs:sequence> <xs:element ref="measuringMethod" minOccurs="1" maxOccurs="unbounded" /> </xs:sequence> </xs:complexType> </xs:element></pre>

Element vocabulary / values.variable

Namespace	http://www.tridas.org/1.2.2
Diagram	<pre> classDiagram class values.variable class variable { <<Type extension of 'controlledVoc'>> } values.variable "1..∞" -- "variable" </pre>
Properties	<p>content: complex</p> <p>minOccurs: 0</p> <p>maxOccurs: 1</p>
Model	variable+
Children	variable
Instance	<pre><values.variable> <variable lang="" normal="" normalId="" normalStd="" normalTridas="" /></variable> </values.variable></pre>
Source	<pre><xs:element name="values.variable" minOccurs="0" maxOccurs="1"> <xs:complexType> <xs:sequence> <xs:element ref="variable" minOccurs="1" maxOccurs="unbounded" /> </xs:sequence> </xs:complexType> </xs:element></pre>

Element vocabulary / values.remark

Namespace	http://www.tridas.org/1.2.2
Diagram	<pre> classDiagram class values.remark class remark { <<Type extension of 'controlledVoc'>> } values.remark "1..∞" -- "remark" </pre>
Properties	<p>content: complex</p> <p>minOccurs: 0</p> <p>maxOccurs: 1</p>
Model	remark+
Children	remark
Instance	<pre><values.remark> <remark inheritedCount="" lang="" normal="" normalId="" normalStd="" normalTridas="" /></remark> </values.remark></pre>
Source	<pre><xs:element name="values.remark" minOccurs="0" maxOccurs="1"> <xs:complexType> <xs:sequence> <xs:element ref="remark" minOccurs="1" maxOccurs="unbounded" /> </xs:sequence> </xs:complexType> </xs:element></pre>

Element vocabulary / location.type

Namespace	http://www.tridas.org/1.2.2
Diagram	<pre> classDiagram class location.type class locationType { <<Type normalTridasLocationType>> } location.type "1..∞" -- "locationType" </pre>

Properties	content: complex minOccurs: 0 maxOccurs: 1
Model	locationType+
Children	locationType
Instance	<pre><location.type> <locationType></locationType> </location.type></pre>
Source	<pre><xs:element name="location.type" minOccurs="0" maxOccurs="1"> <xs:complexType> <xs:sequence> <xs:element ref="locationType" minOccurs="1" maxOccurs="unbounded"/> </xs:sequence> </xs:complexType> </xs:element></pre>

Element vocabulary / global.unit

Namespace	http://www.tridas.org/1.2.2
Diagram	
Properties	content: complex minOccurs: 0 maxOccurs: 1
Model	unit+
Children	unit
Instance	<pre><global.unit> <unit lang="" normal="" normalId="" normalStd="" normalTridas="" /></unit> </global.unit></pre>
Source	<pre><xs:element name="global.unit" minOccurs="0" maxOccurs="1"> <xs:complexType> <xs:sequence> <xs:element ref="unit" minOccurs="1" maxOccurs="unbounded"/> </xs:sequence> </xs:complexType> </xs:element></pre>

Simple Type(s)

Simple Type normalTridasDatingType

Namespace	http://www.tridas.org/1.2.2
Annotations	
Diagram	
Type	restriction of xs:string
Facets	enumeration absolute enumeration dated with uncertainty enumeration relative enumeration radiocarbon
Used by	Attribute dating/@type
Source	<pre><xs:simpleType name="normalTridasDatingType"> <xs:annotation> <xs:documentation xml:lang="EN"></xs:documentation> </xs:annotation> <xs:restriction base="xs:string"> <xs:enumeration value="absolute"/> <xs:enumeration value="dated with uncertainty"/> <xs:enumeration value="relative"/> <xs:enumeration value="radiocarbon"/> </xs:restriction></pre>

<pre></xs:simpleType></pre>

Simple Type normalTridasMeasuringMethod

Namespace	http://www.tridas.org/1.2.2									
Annotations										
Diagram										
Type	restriction of xs:string									
Facets	<table border="1"> <tr> <td>enumeration</td> <td>measuring platform</td> </tr> <tr> <td>enumeration</td> <td>hand lens and graticule</td> </tr> <tr> <td>enumeration</td> <td>onscreen measuring</td> </tr> <tr> <td>enumeration</td> <td>visual estimate</td> </tr> </table>		enumeration	measuring platform	enumeration	hand lens and graticule	enumeration	onscreen measuring	enumeration	visual estimate
enumeration	measuring platform									
enumeration	hand lens and graticule									
enumeration	onscreen measuring									
enumeration	visual estimate									
Used by	Attribute measuringMethod/@normalTridas									
Source	<pre><xs:simpleType name="normalTridasMeasuringMethod"> <xs:annotation> <xs:documentation xml:lang="EN"></xs:documentation> </xs:annotation> <xs:restriction base="xs:string"> <xs:enumeration value="measuring platform"/> <xs:enumeration value="hand lens and graticule"/> <xs:enumeration value="onscreen measuring"/> <xs:enumeration value="visual estimate"/> </xs:restriction> </xs:simpleType></pre>									

Simple Type normalTridasShape

Namespace	http://www.tridas.org/1.2.2																													
Annotations																														
Diagram																														
Type	restriction of xs:string																													
Facets	<table border="1"> <tr> <td>enumeration</td> <td>whole section</td> </tr> <tr> <td>enumeration</td> <td>half section</td> </tr> <tr> <td>enumeration</td> <td>third section</td> </tr> <tr> <td>enumeration</td> <td>quarter section</td> </tr> <tr> <td>enumeration</td> <td>wedge where radius is smaller than circumference</td> </tr> <tr> <td>enumeration</td> <td>wedge where radius equals the circumference</td> </tr> <tr> <td>enumeration</td> <td>wedge where radius is bigger than the circumference</td> </tr> <tr> <td>enumeration</td> <td>beam straightened on one side</td> </tr> <tr> <td>enumeration</td> <td>squared beam from whole section</td> </tr> <tr> <td>enumeration</td> <td>squared beam from half section</td> </tr> <tr> <td>enumeration</td> <td>squared beam from quarter section</td> </tr> <tr> <td>enumeration</td> <td>plank cut on one side</td> </tr> <tr> <td>enumeration</td> <td>radial plank through pith</td> </tr> <tr> <td>enumeration</td> <td>radial plank up to pith</td> </tr> </table>		enumeration	whole section	enumeration	half section	enumeration	third section	enumeration	quarter section	enumeration	wedge where radius is smaller than circumference	enumeration	wedge where radius equals the circumference	enumeration	wedge where radius is bigger than the circumference	enumeration	beam straightened on one side	enumeration	squared beam from whole section	enumeration	squared beam from half section	enumeration	squared beam from quarter section	enumeration	plank cut on one side	enumeration	radial plank through pith	enumeration	radial plank up to pith
enumeration	whole section																													
enumeration	half section																													
enumeration	third section																													
enumeration	quarter section																													
enumeration	wedge where radius is smaller than circumference																													
enumeration	wedge where radius equals the circumference																													
enumeration	wedge where radius is bigger than the circumference																													
enumeration	beam straightened on one side																													
enumeration	squared beam from whole section																													
enumeration	squared beam from half section																													
enumeration	squared beam from quarter section																													
enumeration	plank cut on one side																													
enumeration	radial plank through pith																													
enumeration	radial plank up to pith																													

	enumeration	tangential plank not including pith with breadth larger than a quarter section
	enumeration	plank not including pith with breadth smaller than a quarter section
	enumeration	small part of section
	enumeration	part of undetermined section
	enumeration	unknown
	enumeration	other
Used by	Attribute	shape/@normalTridas
Source	<pre><xs:simpleType name="normalTridasShape"> <xs:annotation> <xs:documentation xml:lang="EN"></xs:documentation> </xs:annotation> <xs:restriction base="xs:string"> <xs:enumeration value="whole section"/> <xs:enumeration value="half section"/> <xs:enumeration value="third section"/> <xs:enumeration value="quarter section"/> <xs:enumeration value="wedge where radius is smaller than circumference"/> <xs:enumeration value="wedge where radius equals the circumference"/> <xs:enumeration value="wedge where radius is bigger than the circumference"/> <xs:enumeration value="beam straightened on one side"/> <xs:enumeration value="squared beam from whole section"/> <xs:enumeration value="squared beam from half section"/> <xs:enumeration value="squared beam from quarter section"/> <xs:enumeration value="plank cut on one side"/> <xs:enumeration value="radial plank through pith"/> <xs:enumeration value="radial plank up to pith"/> <xs:enumeration value="tangential plank not including pith with breadth larger than a quarter section"/> <xs:enumeration value="plank not including pith with breadth smaller than a quarter section"/> <xs:enumeration value="small part of section"/> <xs:enumeration value="part of undetermined section"/> <xs:enumeration value="unknown"/> <xs:enumeration value="other"/> </xs:restriction> </xs:simpleType></pre>	

Simple Type normalTridasLocationType

Namespace	http://www.tridas.org/1.2.2	
Annotations		
Diagram	<pre> classDiagram class normalTridasLocationType { <<xs:string>> } xs:string normalTridasLocationType o-- xs:string </pre>	
Type	restriction of xs:string	
Facets	enumeration	growth location
	enumeration	location of use (static)
	enumeration	location of use (mobile)
	enumeration	current location
	enumeration	manufacture location
	enumeration	find location
Used by	Element	locationType
Source	<pre><xs:simpleType name="normalTridasLocationType"> <xs:annotation> <xs:documentation xml:lang="EN"></xs:documentation> </xs:annotation> <xs:restriction base="xs:string"> <xs:enumeration value="growth location"/> <xs:enumeration value="location of use (static)"/></pre>	

```

<xs:enumeration value="location of use (mobile)" />
<xs:enumeration value="current location" />
<xs:enumeration value="manufacture location" />
<xs:enumeration value="find location" />
</xs:restriction>
</xs:simpleType>

```

Simple Type normalTridasVariable

Namespace	http://www.tridas.org/1.2.2	
Annotations		
Diagram		
Type	restriction of xs:string	
Facets	enumeration ring width enumeration earlywood width enumeration latewood width enumeration ring density enumeration earlywood density enumeration latewood density enumeration maximum density enumeration latewood percent enumeration vessel size	
Used by	Attribute	variable/@normalTridas
Source	<xs:simpleType name="normalTridasVariable"> <xs:annotation> <xs:documentation xml:lang="EN"></xs:documentation> </xs:annotation> <xs:restriction base="xs:string"> <xs:enumeration value="ring width"/> <xs:enumeration value="earlywood width"/> <xs:enumeration value="latewood width"/> <xs:enumeration value="ring density"/> <xs:enumeration value="earlywood density"/> <xs:enumeration value="latewood density"/> <xs:enumeration value="maximum density"/> <xs:enumeration value="latewood percent"/> <xs:enumeration value="vessel size"/> </xs:restriction> </xs:simpleType>	

Simple Type normalTridasUnit

Namespace	http://www.tridas.org/1.2.2	
Annotations		
Diagram		
Type	restriction of xs:string	
Facets	enumeration micrometres enumeration 1/100th millimetres enumeration 1/50th millimetres enumeration 1/20th millimetres enumeration 1/10th millimetres enumeration millimetres enumeration centimetres enumeration metres	
Used by	Attribute	unit/@normalTridas
Source	<xs:simpleType name="normalTridasUnit"> <xs:annotation> <xs:documentation xml:lang="EN"></xs:documentation> </xs:annotation>	

```

<xs:restriction base="xs:string">
  <xs:enumeration value="micrometres" />
  <xs:enumeration value="1/100th millimetres" />
  <xs:enumeration value="1/50th millimetres" />
  <xs:enumeration value="1/20th millimetres" />
  <xs:enumeration value="1/10th millimetres" />
  <xs:enumeration value="millimetres" />
  <xs:enumeration value="centimetres" />
  <xs:enumeration value="metres" />
</xs:restriction>
</xs:simpleType>

```

Simple Type normalTridasRemark

Namespace	http://www.tridas.org/1.2.2																																						
Annotations																																							
Diagram																																							
Type	restriction of xs:string																																						
Facets	<table border="0"> <tr><td>enumeration</td><td>fire damage</td></tr> <tr><td>enumeration</td><td>frost damage</td></tr> <tr><td>enumeration</td><td>crack</td></tr> <tr><td>enumeration</td><td>false ring(s)</td></tr> <tr><td>enumeration</td><td>compression wood</td></tr> <tr><td>enumeration</td><td>tension wood</td></tr> <tr><td>enumeration</td><td>traumatic ducts</td></tr> <tr><td>enumeration</td><td>unspecified injury</td></tr> <tr><td>enumeration</td><td>single pinned</td></tr> <tr><td>enumeration</td><td>double pinned</td></tr> <tr><td>enumeration</td><td>triple pinned</td></tr> <tr><td>enumeration</td><td>missing ring</td></tr> <tr><td>enumeration</td><td>radius shift up</td></tr> <tr><td>enumeration</td><td>radius shift down</td></tr> <tr><td>enumeration</td><td>moon ring(s)</td></tr> <tr><td>enumeration</td><td>diffuse latewood</td></tr> <tr><td>enumeration</td><td>density fluctuation</td></tr> <tr><td>enumeration</td><td>wide late wood</td></tr> <tr><td>enumeration</td><td>wide early wood</td></tr> </table>	enumeration	fire damage	enumeration	frost damage	enumeration	crack	enumeration	false ring(s)	enumeration	compression wood	enumeration	tension wood	enumeration	traumatic ducts	enumeration	unspecified injury	enumeration	single pinned	enumeration	double pinned	enumeration	triple pinned	enumeration	missing ring	enumeration	radius shift up	enumeration	radius shift down	enumeration	moon ring(s)	enumeration	diffuse latewood	enumeration	density fluctuation	enumeration	wide late wood	enumeration	wide early wood
enumeration	fire damage																																						
enumeration	frost damage																																						
enumeration	crack																																						
enumeration	false ring(s)																																						
enumeration	compression wood																																						
enumeration	tension wood																																						
enumeration	traumatic ducts																																						
enumeration	unspecified injury																																						
enumeration	single pinned																																						
enumeration	double pinned																																						
enumeration	triple pinned																																						
enumeration	missing ring																																						
enumeration	radius shift up																																						
enumeration	radius shift down																																						
enumeration	moon ring(s)																																						
enumeration	diffuse latewood																																						
enumeration	density fluctuation																																						
enumeration	wide late wood																																						
enumeration	wide early wood																																						
Used by	Attribute remark/@normalTridas																																						
Source	<pre> <xs:simpleType name="normalTridasRemark"> <xs:annotation> <xs:documentation xml:lang="EN"></xs:documentation> </xs:annotation> <xs:restriction base="xs:string"> <xs:enumeration value="fire damage" /> <xs:enumeration value="frost damage" /> <xs:enumeration value="crack" /> <xs:enumeration value="false ring(s)" /> <xs:enumeration value="compression wood" /> <xs:enumeration value="tension wood" /> <xs:enumeration value="traumatic ducts" /> <xs:enumeration value="unspecified injury" /> <xs:enumeration value="single pinned" /> <xs:enumeration value="double pinned" /> <xs:enumeration value="triple pinned" /> <xs:enumeration value="missing ring" /> <xs:enumeration value="radius shift up" /> <xs:enumeration value="radius shift down" /> <xs:enumeration value="moon ring(s)" /> <xs:enumeration value="diffuse latewood" /> <xs:enumeration value="density fluctuation" /> <xs:enumeration value="wide late wood" /> <xs:enumeration value="wide early wood" /> </xs:restriction> </xs:simpleType> </pre>																																						

Simple Type datingSuffix

Namespace	http://www.tridas.org/1.2.2									
Annotations										
Diagram	<pre> graph LR A([datingSuffix]) --> B(xs:string) </pre>									
Type	restriction of xs:string									
Facets	<table> <tr> <td>enumeration</td> <td>AD</td> </tr> <tr> <td>enumeration</td> <td>BC</td> </tr> <tr> <td>enumeration</td> <td>BP</td> </tr> <tr> <td>enumeration</td> <td>relative</td> </tr> </table>		enumeration	AD	enumeration	BC	enumeration	BP	enumeration	relative
enumeration	AD									
enumeration	BC									
enumeration	BP									
enumeration	relative									
Used by	Attribute	year/@suffix								
Source	<pre> <xs:simpleType name="datingSuffix"> <xs:annotation> <xs:documentation xml:lang="EN"></xs:documentation> </xs:annotation> <xs:restriction base="xs:string"> <xs:enumeration value="AD"/> <xs:enumeration value="BC"/> <xs:enumeration value="BP"/> <xs:enumeration value="relative"/> </xs:restriction> </xs:simpleType> </pre>									

Simple Type presenceAbsence

Namespace	http://www.tridas.org/1.2.2							
Annotations								
Diagram	<pre> graph LR A([presenceAbsence]) --> B(xs:string) </pre>							
Type	restriction of xs:string							
Facets	<table> <tr> <td>enumeration</td> <td>present</td> </tr> <tr> <td>enumeration</td> <td>absent</td> </tr> <tr> <td>enumeration</td> <td>unknown</td> </tr> </table>		enumeration	present	enumeration	absent	enumeration	unknown
enumeration	present							
enumeration	absent							
enumeration	unknown							
Used by	Attributes	bark/@presence, lastRingUnderBark/@presence						
Source	<pre> <xs:simpleType name="presenceAbsence"> <xs:annotation> <xs:documentation xml:lang="EN"></xs:documentation> </xs:annotation> <xs:restriction base="xs:string"> <xs:enumeration value="present"/> <xs:enumeration value="absent"/> <xs:enumeration value="unknown"/> </xs:restriction> </xs:simpleType> </pre>							

Simple Type complexPresenceAbsence

Namespace	http://www.tridas.org/1.2.2											
Annotations												
Diagram	<pre> graph LR A([complexPresenceAbsence]) --> B(xs:string) </pre>											
Type	restriction of xs:string											
Facets	<table> <tr> <td>enumeration</td> <td>unknown</td> </tr> <tr> <td>enumeration</td> <td>not applicable</td> </tr> <tr> <td>enumeration</td> <td>absent</td> </tr> <tr> <td>enumeration</td> <td>complete</td> </tr> <tr> <td>enumeration</td> <td>incomplete</td> </tr> </table>		enumeration	unknown	enumeration	not applicable	enumeration	absent	enumeration	complete	enumeration	incomplete
enumeration	unknown											
enumeration	not applicable											
enumeration	absent											
enumeration	complete											
enumeration	incomplete											
Used by	Attributes	heartwood/@presence, pith/@presence, sapwood/@presence										

Source	<pre><xs:simpleType name="complexPresenceAbsence"> <xs:annotation> <xs:documentation xml:lang="EN"></xs:documentation> </xs:annotation> <xs:restriction base="xs:string"> <xs:enumeration value="unknown"/> <xs:enumeration value="not applicable"/> <xs:enumeration value="absent"/> <xs:enumeration value="complete"/> <xs:enumeration value="incomplete"/> </xs:restriction> </xs:simpleType></pre>
--------	--

Simple Type certainty

Namespace	http://www.tridas.org/1.2.2											
Annotations												
Diagram	<p>The diagram shows a class named 'certainty' with a multiplicity of 0..1. It has a directed association labeled with a circle containing a minus sign (⊖) pointing from 'certainty' to a class labeled 'xs:string'.</p>											
Type	restriction of xs:string											
Facets	<table border="1"> <tr> <td>enumeration</td> <td>unknown</td> </tr> <tr> <td>enumeration</td> <td>exact</td> </tr> <tr> <td>enumeration</td> <td>approximately</td> </tr> <tr> <td>enumeration</td> <td>after</td> </tr> <tr> <td>enumeration</td> <td>before</td> </tr> </table>		enumeration	unknown	enumeration	exact	enumeration	approximately	enumeration	after	enumeration	before
enumeration	unknown											
enumeration	exact											
enumeration	approximately											
enumeration	after											
enumeration	before											
Used by	Attributes	date/@certainty, dateTIme/@certainty, year/@certainty										
Source	<pre><xs:simpleType name="certainty"> <xs:annotation> <xs:documentation xml:lang="EN"></xs:documentation> </xs:annotation> <xs:restriction base="xs:string"> <xs:enumeration value="unknown"/> <xs:enumeration value="exact"/> <xs:enumeration value="approximately"/> <xs:enumeration value="after"/> <xs:enumeration value="before"/> </xs:restriction> </xs:simpleType></pre>											

Complex Type(s)

Complex Type controlledVoc

Namespace	http://www.tridas.org/1.2.2				
Annotations					
Diagram	<p>The diagram shows a class named 'controlledVoc' with a multiplicity of 0..1. It has a directed association labeled with a circle containing a plus sign (⊕) pointing from 'controlledVoc' to a class labeled 'xs:string'. A callout box labeled 'Base Type xs:string' is shown near the association. The 'controlledVoc' class contains four attributes: 'normalStd' (type xs:string), 'normalId' (type xs:string), 'normal' (type xs:string), and 'lang' (type xs:language).</p>				
Type	extension of xs:string				
Used by	Elements	category, measuringMethod, remark, shape, taxon, type, unit, variable			
Attributes	QName	Type	Fixed	Default	Use
	lang	xs:language			optional
	normal				optional
	normalId				optional

	QName	Type	Fixed	Default	Use
	normalStd				optional
Source	<pre><xs:complexType name="controlledVoc"> <xs:annotation> <xs:documentation xml:lang="EN"></xs:documentation> <xs:appinfo></xs:appinfo> </xs:annotation> <xs:simpleContent> <xs:extension base="xs:string"> <xs:attribute name="normalStd"> <xs:annotation> <xs:documentation xml:lang="EN"></xs:documentation> </xs:annotation> </xs:attribute> <xs:attribute name="normalId"> <xs:annotation> <xs:documentation xml:lang="EN"></xs:documentation> </xs:annotation> </xs:attribute> <xs:attribute name="normal"> <xs:annotation> <xs:documentation xml:lang="EN"></xs:documentation> </xs:annotation> </xs:attribute> <xs:attribute name="lang" type="xs:language" use="optional"> <xs:annotation> <xs:documentation xml:lang="EN"></xs:documentation> </xs:annotation> </xs:attribute> </xs:extension> </xs:simpleContent> </xs:complexType></pre>				

Complex Type date

Namespace	http://www.tridas.org/1.2.2				
Annotations					
Diagram	<pre> classDiagram date "1.." date < -- xs:date "1.." xs:date < -- attributes "1.." attributes < -- certainty "1.." </pre>				
Type	extension of xs:date				
Used by	Elements createdTimestamp, lastModifiedTimestamp				
Attributes	QName	Type	Fixed	Default	Use
	certainty	certainty			optional
Source	<pre><xs:complexType name="date"> <xs:annotation> <xs:documentation xml:lang="EN"></xs:documentation> </xs:annotation> <xs:simpleContent> <xs:extension base="xs:date"> <xs:attribute name="certainty" type="certainty" use="optional"/> </xs:extension> </xs:simpleContent> </xs:complexType></pre>				

Complex Type date

Namespace	http://www.tridas.org/1.2.2				
Annotations					
Diagram	<pre> classDiagram date "1.." date < -- xs:dateTime "1.." xs:dateTime < -- attributes "1.." attributes < -- certainty "1.." </pre>				

Type	extension of xs:date				
Used by	Elements derivationDate, measuringDate, requestDate, samplingDate				
Attributes	QName	Type	Fixed	Default	Use
	certainty	certainty			optional

Source	<pre><xs:complexType name="date"> <xs:annotation> <xs:documentation xml:lang="EN"></xs:documentation> </xs:annotation> <xs:simpleContent> <xs:extension base="xs:date"> <xs:attribute name="certainty" type="certainty" use="optional"/> </xs:extension> </xs:simpleContent> </xs:complexType></pre>
--------	--

Complex Type year

Namespace	http://www.tridas.org/1.2.2				
Annotations					
Diagram					
Type	extension of xs:int				
Used by	Elements deathYear, firstYear, lastYear, pithYear				
Attributes	QName	Type	Fixed	Default	Use
	certainty	certainty			optional
	suffix	datingSuffix			required
Source	<pre><xs:complexType name="year"> <xs:annotation> <xs:documentation xml:lang="EN"></xs:documentation> </xs:annotation> <xs:simpleContent> <xs:extension base="xs:int"> <xs:attribute name="certainty" type="certainty" use="optional"/> <xs:attribute name="suffix" use="required" type="datingSuffix"/> </xs:extension> </xs:simpleContent> </xs:complexType></pre>				

Complex Type tridasEntity

Namespace	http://www.tridas.org/1.2.2				
Annotations					
Diagram					
Properties	abstract: true				

Used by	Elements Complex Type	element, object, project, radius, sample baseSeries
Model	title , identifier{0,1} , createdTimestamp{0,1} , lastModifiedTimestamp{0,1} , comments{0,1}	
Children	comments, createdTimestamp, identifier, lastModifiedTimestamp, title	
Source		<pre><xs:complexType name="tridasEntity" abstract="true"> <xs:annotation> <xs:documentation xml:lang="EN"></xs:documentation> </xs:annotation> <xs:sequence> <xs:element ref="title"/> <xs:element ref="identifier" minOccurs="0"/> <xs:element ref="createdTimestamp" minOccurs="0"/> <xs:element ref="lastModifiedTimestamp" minOccurs="0"/> <xs:element ref="comments" minOccurs="0" maxOccurs="1"/> </xs:sequence> </xs:complexType></pre>

Complex Type seriesLink

Namespace	http://www.tridas.org/1.2.2	
Diagram	<pre> classDiagram class seriesLink { <<seriesLink>> idRef xLink identifier } seriesLink "0..1" -- "0..1" idRef seriesLink "0..1" -- "0..1" xLink seriesLink "0..1" -- "0..1" identifier </pre>	
Used by	Elements	
Model	datingReference/linkSeries, seriesLinks/series, seriesLinksWithPreferred/preferredSeries	
Children	idRef, identifier, xLink	
Source		<pre><xs:complexType name="seriesLink"> <xs:choice> <xs:element name="idRef"> <xs:complexType> <xs:attribute name="ref" type="xs:IDREF" /> </xs:complexType> </xs:element> <xs:element name="xLink"> <xs:complexType> <xs:attribute ref="xlink:href" /> </xs:complexType> </xs:element> <xs:element ref="identifier"/> </xs:choice> </xs:complexType></pre>

Complex Type seriesLinks

Namespace	http://www.tridas.org/1.2.2	
Diagram	<pre> classDiagram class seriesLinks { <<seriesLinks>> series } seriesLinks "0..>" -- "0..>" series </pre>	
Used by	Elements	
Model	baseSeries/linkSeries, derivedSeries/linkSeries	
Children	series	
Source		<pre><xs:complexType name="seriesLinks"> <xs:sequence> <xs:element name="series" type="seriesLink" minOccurs="0" maxOccurs="unbounded" /> </xs:sequence> </xs:complexType></pre>

Complex Type seriesLinksWithPreferred

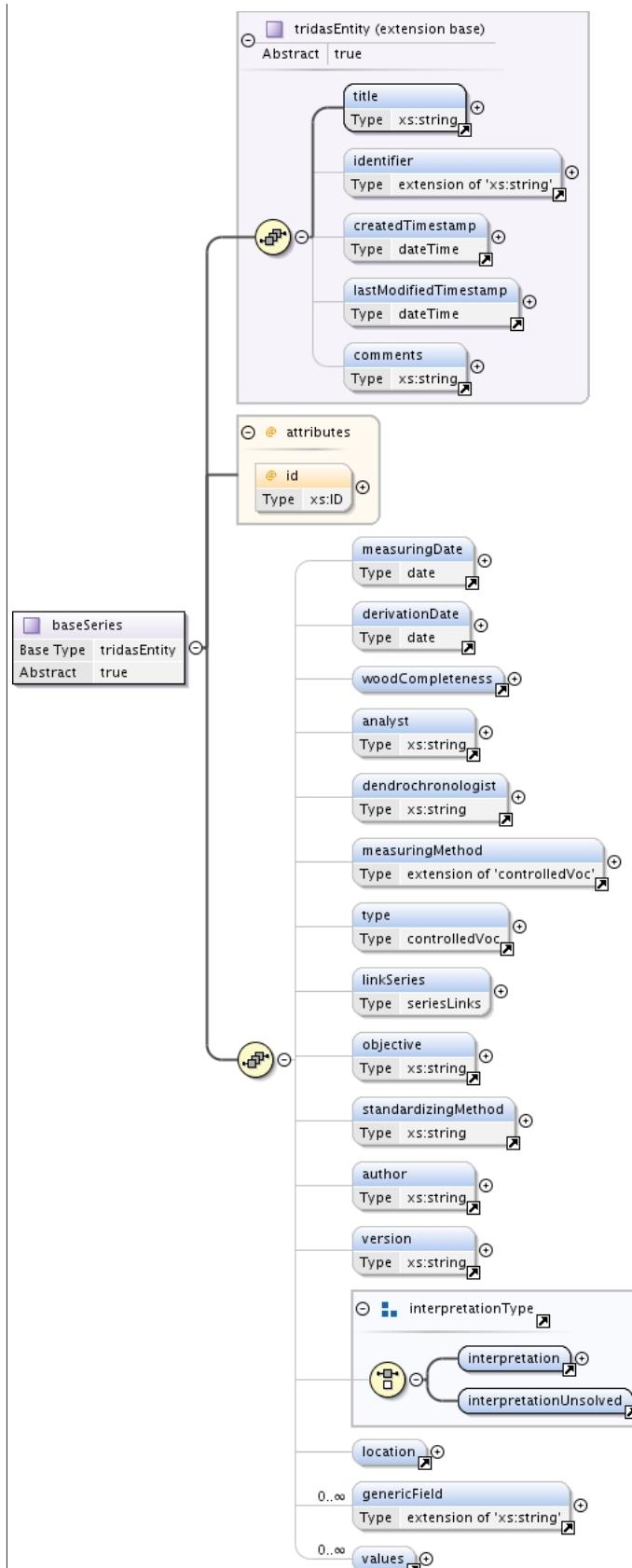
Namespace	http://www.tridas.org/1.2.2
Diagram	<pre> classDiagram class seriesLinksWithPreferred { <<seriesLinksWithPreferred>> preferredSeries } seriesLinksWithPreferred "0..>" -- "0..>" preferredSeries </pre>

Used by	Elements element/linkSeries, object/linkSeries
Model	preferredSeries{0,1}
Children	preferredSeries
Source	<pre><xs:complexType name="seriesLinksWithPreferred"> <xs:sequence> <xs:element name="preferredSeries" type="seriesLink" minOccurs="0" maxOccurs="1"/> </xs:sequence> </xs:complexType></pre>

Complex Type baseSeries

Namespace	http://www.tridas.org/1.2.2
Annotations	

Diagram



Type	extension of <code>tridasEntity</code>
Type hierarchy	<ul style="list-style-type: none"> • <code>tridasEntity</code> • <code>baseSeries</code>

Properties	abstract: true				
Used by	Elements derivedSeries, measurementSeries				
Model	title , identifier{0,1} , createdTimestamp{0,1} , lastModifiedTimestamp{0,1} , comments{0,1} , measuringDate{0,1} , derivationDate{0,1} , woodCompleteness{0,1} , analyst{0,1} , dendrochronologist{0,1} , measuringMethod{0,1} , type{0,1} , linkSeries{0,1} , objective{0,1} , standardizingMethod{0,1} , author{0,1} , version{0,1} , (interpretation interpretationUnsolved) , location{0,1} , genericField* , values*				
Children	analyst, author, comments, createdTimestamp, dendrochronologist, derivationDate, genericField, identifier, interpretation, interpretationUnsolved, lastModifiedTimestamp, linkSeries, location, measuringDate, measuringMethod, objective, standardizingMethod, title, type, values, version, woodCompleteness				
Attributes	QName	Type	Fixed	Default	Use
	id	xs:ID			optional
Source	<pre> <xs:complexType name="baseSeries" abstract="true"> <xs:annotation> <xs:documentation xml:lang="EN"></xs:documentation> </xs:annotation> <xs:complexContent> <xs:extension base="tridasEntity"> <xs:sequence> <xs:element ref="measuringDate" minOccurs="0" maxOccurs="1"/> <xs:element ref="derivationDate" minOccurs="0" maxOccurs="1"/> <xs:element ref="woodCompleteness" minOccurs="0" maxOccurs="1"/> <xs:element ref="analyst" minOccurs="0"/> <xs:element ref="dendrochronologist" minOccurs="0"/> <xs:element ref="measuringMethod" minOccurs="0" maxOccurs="1"/> <xs:element ref="type" minOccurs="0" maxOccurs="1"/> <xs:element name="linkSeries" type="seriesLinks" minOccurs="0" maxOccurs="1"/> <xs:element ref="objective" minOccurs="0"/> <xs:element ref="standardizingMethod" minOccurs="0"/> <xs:element ref="author" minOccurs="0"/> <xs:element ref="version" minOccurs="0"/> <xs:group ref="interpretationType" minOccurs="0"/> <xs:element ref="location" minOccurs="0"/> <xs:element ref="genericField" minOccurs="0" maxOccurs="unbounded"/> <xs:element ref="values" minOccurs="0" maxOccurs="unbounded"/> </xs:sequence> <xs:attribute name="id" type="xs:ID"/> </xs:extension> </xs:complexContent> </xs:complexType></pre>				

Element Group(s)

Element Group interpretationType

Namespace	http://www.tridas.org/1.2.2	
Annotations		
Diagram	<pre> graph LR interpretationType[interpretationType] -- "0..1" --> interpretation[interpretation] interpretationType -- "0..1" --> interpretationUnsolved[interpretationUnsolved] </pre>	
Used by	Complex Type baseSeries Elements derivedSeries, measurementSeries	
Model	interpretation interpretationUnsolved	
Children	interpretation, interpretationUnsolved	
Source	<pre> <xs:group name="interpretationType"> <xs:annotation> <xs:documentation xml:lang="EN"></xs:documentation> </xs:annotation> <xs:choice> <xs:element ref="interpretation"/> <xs:element ref="interpretationUnsolved"/> </xs:choice> </xs:group></pre>	

Namespace: "http://www.w3.org/1999/xlink"

Schema(s)

Imported schema `xlinks.xsd`

Namespace	http://www.w3.org/1999/xlink
Annotations	
Properties	attribute form default: unqualified element form default: unqualified version: 2.0

Attribute(s)

Attribute `@xlink:href`

Namespace	http://www.w3.org/1999/xlink
Type	anyURI
Properties	content: simple
Used by	Elements file, seriesLink/xLink Attribute Groups xlink:locatorLink, xlink:simpleLink
Source	<code><attribute name="href" type="anyURI" /></code>

Attribute `@xlink:role`

Namespace	http://www.w3.org/1999/xlink
Type	anyURI
Properties	content: simple
Used by	Attribute Groups xlink:extendedLink, xlink:locatorLink, xlink:resourceLink, xlink:simpleLink
Source	<code><attribute name="role" type="anyURI" /></code>

Attribute `@xlink:arcrole`

Namespace	http://www.w3.org/1999/xlink
Type	anyURI
Properties	content: simple
Used by	Attribute Groups xlink:arcLink, xlink:simpleLink
Source	<code><attribute name="arcrole" type="anyURI" /></code>

Attribute `@xlink:title`

Namespace	http://www.w3.org/1999/xlink
Type	string
Properties	content: simple
Used by	Attribute Groups xlink:arcLink, xlink:extendedLink, xlink:locatorLink, xlink:resourceLink, xlink:simpleLink
Source	<code><attribute name="title" type="string" /></code>

Attribute `@xlink:show`

Namespace	http://www.w3.org/1999/xlink
-----------	------------------------------

Annotations	
Type	restriction of string
Properties	content: simple
Facets	enumeration new enumeration replace enumeration embed enumeration other enumeration none
Used by	Attribute Groups xlink:arcLink, xlink:simpleLink
Source	<pre><attribute name="show"> <annotation> <documentation></documentation> </annotation> <simpleType> <restriction base="string"> <enumeration value="new"/> <enumeration value="replace"/> <enumeration value="embed"/> <enumeration value="other"/> <enumeration value="none"/> </restriction> </simpleType> </attribute></pre>

Attribute @xlink:actuate

Namespace	http://www.w3.org/1999/xlink
Annotations	
Type	restriction of string
Properties	content: simple
Facets	enumeration onLoad enumeration onRequest enumeration other enumeration none
Used by	Attribute Groups xlink:arcLink, xlink:simpleLink
Source	<pre><attribute name="actuate"> <annotation> <documentation></documentation> </annotation> <simpleType> <restriction base="string"> <enumeration value="onLoad"/> <enumeration value="onRequest"/> <enumeration value="other"/> <enumeration value="none"/> </restriction> </simpleType> </attribute></pre>

<pre></attribute></pre>

Attribute @xlink:label

Namespace	http://www.w3.org/1999/xlink
Type	string
Properties	content: simple
Used by	Attribute Groups xlink:locatorLink, xlink:resourceLink
Source	<code><attribute name="label" type="string"/></code>

Attribute @xlink:from

Namespace	http://www.w3.org/1999/xlink
Type	string
Properties	content: simple
Used by	Attribute Group xlink:arcLink
Source	<code><attribute name="from" type="string"/></code>

Attribute @xlink:to

Namespace	http://www.w3.org/1999/xlink
Type	string
Properties	content: simple
Used by	Attribute Group xlink:arcLink
Source	<code><attribute name="to" type="string"/></code>

Attribute xlink:simpleLink / @xlink:type

Namespace	http://www.w3.org/1999/xlink
Type	string
Properties	fixed: simple
Used by	Attribute Group xlink:simpleLink
Source	<code><attribute name="type" type="string" fixed="simple" form="qualified"/></code>

Attribute xlink:extendedLink / @xlink:type

Namespace	http://www.w3.org/1999/xlink
Type	string
Properties	fixed: extended
Used by	Attribute Group xlink:extendedLink
Source	<code><attribute name="type" type="string" fixed="extended" form="qualified"/></code>

Attribute xlink:locatorLink / @xlink:type

Namespace	http://www.w3.org/1999/xlink
Type	string
Properties	fixed: locator
Used by	Attribute Group xlink:locatorLink
Source	<code><attribute name="type" type="string" fixed="locator" form="qualified"/></code>

Attribute xlink:arcLink / @xlink:type

Namespace	http://www.w3.org/1999/xlink
Type	string
Properties	fixed: arc
Used by	Attribute Group xlink:arcLink
Source	<attribute name="type" type="string" fixed="arc" form="qualified"/>

Attribute xlink:resourceLink / @xlink:type

Namespace	http://www.w3.org/1999/xlink
Type	string
Properties	fixed: resource
Used by	Attribute Group xlink:resourceLink
Source	<attribute name="type" type="string" fixed="resource" form="qualified"/>

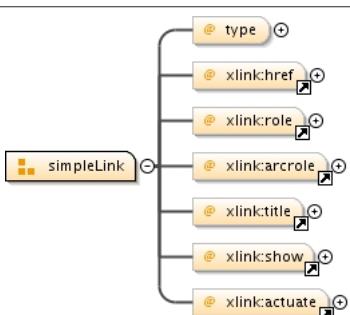
Attribute xlink:titleLink / @xlink:type

Namespace	http://www.w3.org/1999/xlink
Type	string
Properties	fixed: title
Used by	Attribute Group xlink:titleLink
Source	<attribute name="type" type="string" fixed="title" form="qualified"/>

Attribute xlink:emptyLink / @xlink:type

Namespace	http://www.w3.org/1999/xlink
Type	string
Properties	fixed: none
Used by	Attribute Group xlink:emptyLink
Source	<attribute name="type" type="string" fixed="none" form="qualified"/>

Attribute Group(s)**Attribute Group xlink:simpleLink**

Namespace	http://www.w3.org/1999/xlink										
Diagram											
Used by	Attribute Group gml:AssociationAttributeGroup										
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>xlink:actuate</td> <td>restriction of string</td> <td></td> <td></td> <td>optional</td> </tr> </tbody> </table>	QName	Type	Fixed	Default	Use	xlink:actuate	restriction of string			optional
QName	Type	Fixed	Default	Use							
xlink:actuate	restriction of string			optional							

	QName	Type	Fixed	Default	Use
	xlink:arcrole	anyURI			optional
	xlink:href	anyURI			optional
	xlink:role	anyURI			optional
	xlink:show	restriction of string			optional
	xlink:title	string			optional
	xlink:type	string	simple		optional
Source	<pre><attributeGroup name="simpleLink"> <attribute name="type" type="string" fixed="simple" form="qualified"/> <attribute ref="xlink:href" use="optional"/> <attribute ref="xlink:role" use="optional"/> <attribute ref="xlink:arcrole" use="optional"/> <attribute ref="xlink:title" use="optional"/> <attribute ref="xlink:show" use="optional"/> <attribute ref="xlink:actuate" use="optional"/> </attributeGroup></pre>				

Attribute Group xlink:extendedLink

Namespace	http://www.w3.org/1999/xlink				
Diagram					
Attributes	QName	Type	Fixed	Default	Use
	xlink:role	anyURI			optional
	xlink:title	string			optional
	xlink:type	string	extended		optional
Source	<pre><attributeGroup name="extendedLink"> <attribute name="type" type="string" fixed="extended" form="qualified"/> <attribute ref="xlink:role" use="optional"/> <attribute ref="xlink:title" use="optional"/> </attributeGroup></pre>				

Attribute Group xlink:locatorLink

Namespace	http://www.w3.org/1999/xlink				
Diagram					
Attributes	QName	Type	Fixed	Default	Use
	xlink:role	anyURI			optional
	xlink:title	string			optional
	xlink:type	string	locator		optional
Source	<pre><attributeGroup name="locatorLink"> <attribute name="type" type="string" fixed="locator" form="qualified"/> <attribute ref="xlink:href" use="optional"/> <attribute ref="xlink:role" use="optional"/> <attribute ref="xlink:title" use="optional"/> </attributeGroup></pre>				

Attributes	QName	Type	Fixed	Default	Use
	xlink:href	anyURI			required
	xlink:label	string			optional
	xlink:role	anyURI			optional
	xlink:title	string			optional
	xlink:type	string	locator		optional
Source	<pre><attributeGroup name="locatorLink"> <attribute name="type" type="string" fixed="locator" form="qualified"/> <attribute ref="xlink:href" use="required"/> <attribute ref="xlink:role" use="optional"/> <attribute ref="xlink:title" use="optional"/> <attribute ref="xlink:label" use="optional"/> </attributeGroup></pre>				

Attribute Group **xlink:arcLink**

Namespace	http://www.w3.org/1999/xlink																																												
Diagram	<pre> graph TD type["@ type"] --> arcLink arcrole["@ xlink:arcrole"] --> arcLink title["@ xlink:title"] --> arcLink show["@ xlink:show"] --> arcLink actuate["@ xlink:actuate"] --> arcLink from["@ xlink:from"] --> arcLink to["@ xlink:to"] --> arcLink </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>xlink:actuate</td><td>restriction of string</td><td></td><td></td><td>optional</td></tr> <tr> <td>xlink:arcrole</td><td>anyURI</td><td></td><td></td><td>optional</td></tr> <tr> <td>xlink:from</td><td>string</td><td></td><td></td><td>optional</td></tr> <tr> <td>xlink:show</td><td>restriction of string</td><td></td><td></td><td>optional</td></tr> <tr> <td>xlink:title</td><td>string</td><td></td><td></td><td>optional</td></tr> <tr> <td>xlink:to</td><td>string</td><td></td><td></td><td>optional</td></tr> <tr> <td>xlink:type</td><td>string</td><td>arc</td><td></td><td>optional</td></tr> </tbody> </table>					QName	Type	Fixed	Default	Use	xlink:actuate	restriction of string			optional	xlink:arcrole	anyURI			optional	xlink:from	string			optional	xlink:show	restriction of string			optional	xlink:title	string			optional	xlink:to	string			optional	xlink:type	string	arc		optional
QName	Type	Fixed	Default	Use																																									
xlink:actuate	restriction of string			optional																																									
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xlink:title	string			optional																																									
xlink:to	string			optional																																									
xlink:type	string	arc		optional																																									
Source	<pre><attributeGroup name="arcLink"> <attribute name="type" type="string" fixed="arc" form="qualified"/> <attribute ref="xlink:arcrole" use="optional"/> <attribute ref="xlink:title" use="optional"/> <attribute ref="xlink:show" use="optional"/> <attribute ref="xlink:actuate" use="optional"/> <attribute ref="xlink:from" use="optional"/> <attribute ref="xlink:to" use="optional"/></pre>																																												

<pre></attributeGroup></pre>

Attribute Group xlink:resourceLink

Namespace	http://www.w3.org/1999/xlink				
Diagram	<pre> classDiagram class resourceLink { @ type @ xlink:role @ xlink:title @ xlink:label } </pre>				
Attributes	QName	Type	Fixed	Default	Use
	xlink:label	string			optional
	xlink:role	anyURI			optional
	xlink:title	string			optional
	xlink:type	string	resource		optional
Source	<pre> <attributeGroup name="resourceLink"> <attribute name="type" type="string" fixed="resource" form="qualified"/> <attribute ref="xlink:role" use="optional"/> <attribute ref="xlink:title" use="optional"/> <attribute ref="xlink:label" use="optional"/> </attributeGroup> </pre>				

Attribute Group xlink:titleLink

Namespace	http://www.w3.org/1999/xlink				
Diagram	<pre> classDiagram class titleLink { @ type } </pre>				
Attributes	QName	Type	Fixed	Default	Use
	xlink:type	string	title		optional

Attribute Group xlink:emptyLink

Namespace	http://www.w3.org/1999/xlink				
Diagram	<pre> classDiagram class emptyLink { @ type } </pre>				
Attributes	QName	Type	Fixed	Default	Use
	xlink:type	string	none		optional

Namespace: "http://www.opengis.net/gml"

Schema(s)

Imported schema gmlsf.xsd

Namespace	http://www.opengis.net/gml
Annotations	
Properties	attribute form default: unqualified element form default: qualified version: 1.0.0

Element(s)

Element `gml:Point`

Namespace	http://www.opengis.net/gml															
Diagram	<pre> classDiagram class gml:PointType { <<gml:AbstractGMLType (extension base)>> <<gml:AbstractGeometryType (extension base)>> <<gml:AbstractGeometricPrimitiveType (extension base)>> attributes { gml:id gml:description gml:name srsName gml:pos } substitutionGroup { GeometricPrimitive } } </pre>															
Type	<code>gml:PointType</code>															
Type hierarchy	<ul style="list-style-type: none"> • <code>gml:AbstractGMLType</code> • <code>gml:AbstractGeometryType</code> <ul style="list-style-type: none"> • <code>gml:AbstractGeometricPrimitiveType</code> • <code>gml:PointType</code> 															
Properties	content: complex															
Substitution Group Affiliation	• <code>gml:_GeometricPrimitive</code>															
Used by	<table border="1"> <tr> <td>Element</td> <td>locationGeometry</td> </tr> <tr> <td>Complex Type</td> <td><code>gml:PointPropertyType</code></td> </tr> </table>	Element	locationGeometry	Complex Type	<code>gml:PointPropertyType</code>											
Element	locationGeometry															
Complex Type	<code>gml:PointPropertyType</code>															
Model	<code>gml:description{0,1}</code> , <code>gml:name*</code> , <code>gml:pos</code>															
Children	<code>gml:description</code> , <code>gml:name</code> , <code>gml:pos</code>															
Instance	<pre> <gml:Point gml:id="" srsName=""> <gml:description></gml:description> <gml:name codeSpace=""></gml:name> </gml:Point> </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><code>gml:id</code></td> <td>ID</td> <td></td> <td></td> <td>optional</td> </tr> <tr> <td><code>srsName</code></td> <td>anyURI</td> <td></td> <td></td> <td>optional</td> </tr> </tbody> </table>	QName	Type	Fixed	Default	Use	<code>gml:id</code>	ID			optional	<code>srsName</code>	anyURI			optional
QName	Type	Fixed	Default	Use												
<code>gml:id</code>	ID			optional												
<code>srsName</code>	anyURI			optional												

	QName	Type	Fixed	Default	Use
Source		<element name="Point" type="gml:PointType" substitutionGroup="gml:_GeometricPrimitive"/>			

Element gml:description

Namespace	http://www.opengis.net/gml				
Annotations					
Diagram	<pre> classDiagram class gml { description } string < -- description </pre>				
Type	string				
Properties	content: simple				
Used by	Element Group gml:StandardObjectProperties				
Source	<pre> <element name="description" type="string"> <annotation> <documentation></documentation> <documentation></documentation> </annotation> </element> </pre>				

Element gml:name

Namespace	http://www.opengis.net/gml														
Annotations															
Diagram	<pre> classDiagram class gml { name } string < -- name class attributes { @ codeSpace } class gmlCodeType { @ attributes } </pre>														
Type	gml:CodeType														
Properties	content: complex														
Used by	Element Group gml:StandardObjectProperties														
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>codeSpace</td> <td>anyURI</td> <td></td> <td></td> <td>optional</td> </tr> </tbody> </table>	QName	Type	Fixed	Default	Use	codeSpace	anyURI			optional				
QName	Type	Fixed	Default	Use											
codeSpace	anyURI			optional											
Source	<pre> <element name="name" type="gml:CodeType"> <annotation> <documentation></documentation> </annotation> </element> </pre>														

Element gml:pos

Namespace	http://www.opengis.net/gml				
Diagram	<pre> classDiagram class gml { pos } gmlDoubleList < -- pos </pre>				

Type	gml:DirectPositionType
Type hierarchy	<ul style="list-style-type: none"> anySimpleType <ul style="list-style-type: none"> gml:doubleList <ul style="list-style-type: none"> gml:DirectPositionType
Properties	content: complex
Used by	Complex Type gml:PointType
Source	<element name="pos" type="gml:DirectPositionType"/>

Element gml:Polygon

Namespace	http://www.opengis.net/gml
Diagram	<pre> classDiagram class gml:PolygonType { <<extension base>> <<StandardObjectProperties>> <<attributes>> gml:id gml:description gml:name srsName gml:exterior gml:interior <<Substitution Group>> _Surface } class gml:AbstractSurfaceType { <<extension base>> <<StandardObjectProperties>> <<attributes>> srsName <<Substitution Group>> _Surface } class gml:AbstractGeometricPrimitiveType { <<extension base>> <<StandardObjectProperties>> <<attributes>> gml:exterior gml:interior <<Substitution Group>> _Surface } class gml:AbstractGeometryType { <<extension base>> <<StandardObjectProperties>> <<attributes>> gml:exterior gml:interior <<Substitution Group>> _Surface } class gml:AbstractGMLType { <<extension base>> <<StandardObjectProperties>> <<attributes>> gml:exterior gml:interior <<Substitution Group>> _Surface } </pre>
Type	gml:PolygonType
Type hierarchy	<ul style="list-style-type: none"> gml:AbstractGMLType <ul style="list-style-type: none"> gml:AbstractGeometryType <ul style="list-style-type: none"> gml:AbstractGeometricPrimitiveType <ul style="list-style-type: none"> gml:AbstractSurfaceType <ul style="list-style-type: none"> gml:PolygonType
Properties	content: complex
Substitution Group Affiliation	• gml:_Surface
Used by	Element locationGeometry
Model	gml:description{0,1} , gml:name* , gml:exterior{0,1} , gml:interior*
Children	gml:description, gml:exterior, gml:interior, gml:name
Instance	<gml:Polygone gml:id="" srsName="">

	<gml:description></gml:description> <gml:name codeSpace=""></gml:name> </gml:Polygon>				
Attributes	QName	Type	Fixed	Default	Use
	gml:id	ID			optional
Source	<element name="Polygon" type="gml:PolygonType" substitutionGroup="gml:_Surface" />				

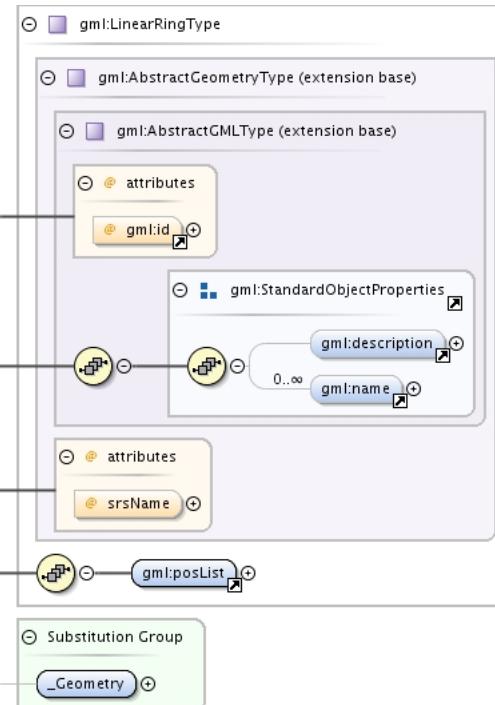
Element gml:exterior

Namespace	http://www.opengis.net/gml
Annotations	
Diagram	<pre> classDiagram class gml:AbstractRingPropertyType class gml:LinearRing gml:AbstractRingPropertyType "exterior" --> gml:LinearRing </pre>
Type	gml:AbstractRingPropertyType
Properties	content: complex
Used by	Complex Types gml:PolygonPatchType, gml:PolygonType
Model	gml:LinearRing
Children	gml:LinearRing
Instance	<gml:exterior> <gml:LinearRing gml:id="" srsName=""></gml:LinearRing> </gml:exterior>
Source	<element name="exterior" type="gml:AbstractRingPropertyType"> <annotation> <documentation></documentation> </annotation> </element>

Element gml:LinearRing

Namespace	http://www.opengis.net/gml
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Diagram



Type	gml:LinearRingType															
Type hierarchy	<ul style="list-style-type: none"> • gml:AbstractGMLType <ul style="list-style-type: none"> • gml:AbstractGeometryType <ul style="list-style-type: none"> • gml:LinearRingType 															
Properties	content: complex															
Substitution Group Affiliation	• gml:_Geometry															
Used by	Complex Type gml:AbstractRingPropertyType															
Model	gml:description{0,1} , gml:name* , gml:posList															
Children	gml:description, gml:name, gml:posList															
Instance	<pre><gml:LinearRing gml:id="" srsName=""> <gml:description></gml:description> <gml:name codeSpace=""></gml:name> </gml:LinearRing></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>gml:id</td> <td>ID</td> <td></td> <td></td> <td>optional</td> </tr> <tr> <td>srsName</td> <td>anyURI</td> <td></td> <td></td> <td>optional</td> </tr> </tbody> </table>	QName	Type	Fixed	Default	Use	gml:id	ID			optional	srsName	anyURI			optional
QName	Type	Fixed	Default	Use												
gml:id	ID			optional												
srsName	anyURI			optional												
Source	<pre><element name="LinearRing" type="gml:LinearRingType" substitutionGroup="gml:_Geometry"/></pre>															

Element gml:posList

Namespace	http://www.opengis.net/gml
-----------	----------------------------

Diagram	
Type	gml:DirectPositionListType
Type hierarchy	<ul style="list-style-type: none"> • anySimpleType • gml:doubleList • gml:DirectPositionListType
Properties	content: complex
Used by	Complex Types gml:LineStringSegmentType, gml:LineStringType, gml:LinearRingType
Source	<code><element name="posList" type="gml:DirectPositionListType" /></code>

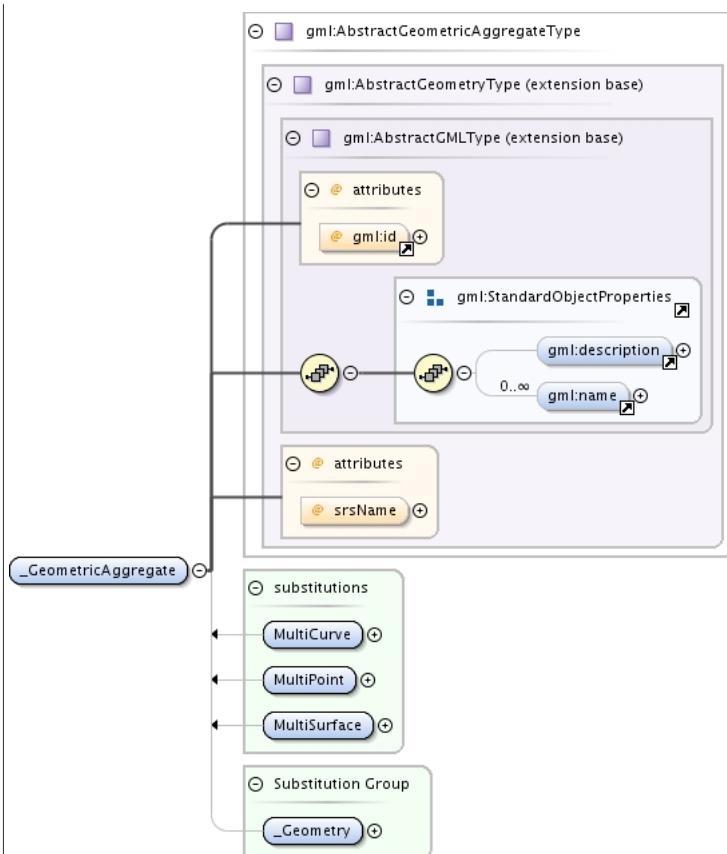
Element **gml:interior**

Namespace	http://www.opengis.net/gml
Annotations	
Diagram	
Type	gml:AbstractRingPropertyType
Properties	content: complex
Used by	Complex Types gml:PolygonPatchType, gml:PolygonType
Model	gml:LinearRing
Children	gml:LinearRing
Instance	<code><gml:interior> <gml:LinearRing gml:id="" srsName="" /> </gml:interior></code>
Source	<code><element name="interior" type="gml:AbstractRingPropertyType"> <annotation> <documentation></documentation> </annotation> </element></code>

Element **gml:_GeometricAggregate**

Namespace	http://www.opengis.net/gml
Annotations	

Diagram



Type	gml:AbstractGeometricAggregateType															
Type hierarchy	<ul style="list-style-type: none"> • gml:AbstractGMLType • gml:AbstractGeometryType • gml:AbstractGeometricAggregateType 															
Properties	content: complex abstract: true															
Substitution Group	<ul style="list-style-type: none"> • gml:MultiPoint • gml:MultiCurve • gml:MultiSurface 															
Substitution Group Affiliation	• gml:_Geometry															
Used by	Complex Type gml:MultiGeometryPropertyType															
Model	gml:description{0,1} , gml:name*															
Children	gml:description, gml:name															
Instance	<pre> <gml:_GeometricAggregate gml:id="" srsName=""> <gml:description></gml:description> <gml:name codeSpace=""></gml:name> </gml:_GeometricAggregate> </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>gml:id</td> <td>ID</td> <td></td> <td></td> <td>optional</td> </tr> <tr> <td>srsName</td> <td>anyURI</td> <td></td> <td></td> <td>optional</td> </tr> </tbody> </table>	QName	Type	Fixed	Default	Use	gml:id	ID			optional	srsName	anyURI			optional
QName	Type	Fixed	Default	Use												
gml:id	ID			optional												
srsName	anyURI			optional												

	QName	Type	Fixed	Default	Use
Source		<element name="_GeometricAggregate" type="gml:AbstractGeometricAggregateType" substitutionGroup="gml:_Geometry" abstract="true"> <annotation> <documentation></documentation> </annotation> </element>			

Element gml:MultiPoint

Namespace	http://www.opengis.net/gml
Diagram	<pre> classDiagram class MultiPoint { <<gml:MultiPointType>> <<gml:AbstractGeometricAggregateType>> <<gml:AbstractGeometryType>> <<gml:AbstractGMLType>> <<gml:StandardObjectProperties>> <<gml:attributes>> <<gml:id>> <<gml:description>> <<gml:name>> <<gml:srsName>> <<gml:pointMember>> } </pre>
Type	gml:MultiPointType
Type hierarchy	<ul style="list-style-type: none"> • gml:AbstractGMLType • gml:AbstractGeometryType • gml:AbstractGeometricAggregateType • gml:MultiPointType
Properties	content: complex
Substitution Group Affiliation	• gml:_GeometricAggregate
Used by	Complex Type gml:MultiPointPropertyType
Model	gml:description{0,1} , gml:name* , gml:pointMember*
Children	gml:description, gml:name, gml:pointMember
Instance	<gml:MultiPoint gml:id="" srsName=""> <gml:description></gml:description> <gml:name codeSpace=""></gml:name> </gml:MultiPoint>

Attributes	QName	Type	Fixed	Default	Use
	gml:id	ID			optional
	srsName	anyURI			optional
Source	<element name="MultiPoint" type="gml:MultiPointType" substitutionGroup="gml:_GeometricAggregate"/>				

Element gml:pointMember

Namespace	http://www.opengis.net/gml
Annotations	
Diagram	<pre> classDiagram class gml { PointPropertyType } class pointMember class Point gml < -- PointPropertyType pointMember --o PointPropertyType Point --o PointPropertyType </pre>
Type	gml:PointPropertyType
Properties	content: complex
Used by	Complex Type gml:MultiPointType
Model	gml:Point
Children	gml:Point
Instance	<gml:pointMember> <gml:Point gml:id="" srsName=""></gml:Point> </gml:pointMember>
Source	<element name="pointMember" type="gml:PointPropertyType"> <annotation> <documentation></documentation> </annotation> </element>

Element gml:MultiCurve

Namespace	http://www.opengis.net/gml
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Diagram	<pre> classDiagram class MultiCurve { <<gml:MultiCurveType>> <<gml:AbstractGMLType>> <<gml:AbstractGeometryType>> <<gml:AbstractGeometricAggregateType>> <<gml:StandardObjectProperties>> <<gml:curveMember>> <<gml:description>> <<gml:name>> <<srsName>> <<_GeometricAggregate>> } MultiCurve < -- MultiCurveType MultiCurve < -- AbstractGMLType MultiCurve < -- AbstractGeometryType MultiCurve < -- AbstractGeometricAggregateType MultiCurve --> StandardObjectProperties MultiCurve --> curveMember MultiCurve --> description MultiCurve --> name MultiCurve --> srsName MultiCurve --> GeometricAggregate </pre>															
Type	gml:MultiCurveType															
Type hierarchy	<ul style="list-style-type: none"> • gml:AbstractGMLType <ul style="list-style-type: none"> • gml:AbstractGeometryType • gml:AbstractGeometricAggregateType • gml:MultiCurveType 															
Properties	content: complex															
Substitution Group Affiliation	• gml:_GeometricAggregate															
Used by	Complex Type gml:MultiCurvePropertyType															
Model	gml:description{0,1} , gml:name* , gml:curveMember*															
Children	gml:curveMember, gml:description, gml:name															
Instance	<pre> <gml:MultiCurve gml:id="" srsName=""> <gml:description></gml:description> <gml:name codeSpace=""></gml:name> </gml:MultiCurve> </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>gml:id</td><td>ID</td><td></td><td></td><td>optional</td></tr> <tr> <td>srsName</td><td>anyURI</td><td></td><td></td><td>optional</td></tr> </tbody> </table>	QName	Type	Fixed	Default	Use	gml:id	ID			optional	srsName	anyURI			optional
QName	Type	Fixed	Default	Use												
gml:id	ID			optional												
srsName	anyURI			optional												

Source	<pre><element name="MultiCurve" type="gml:MultiCurveType" substitutionGroup="gml:_GeometricAggregate"/></pre>
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Element gml:curveMember

Namespace	http://www.opengis.net/gml
Annotations	
Diagram	<pre> classDiagram class gml:CurvePropertyType class gml:Curve gml:CurvePropertyType "1" -- "0..1" gml:Curve : curveMember </pre>
Type	gml:CurvePropertyType
Properties	content: complex
Used by	Complex Type gml:MultiCurveType
Model	gml:_Curve
Children	gml:_Curve
Instance	<pre> <gml:curveMember> <gml:_Curve gml:id="" srsName="" /> </gml:curveMember> </pre>
Source	<pre> <element name="curveMember" type="gml:CurvePropertyType"> <annotation> <documentation></documentation> </annotation> </element> </pre>

Element gml:_Curve

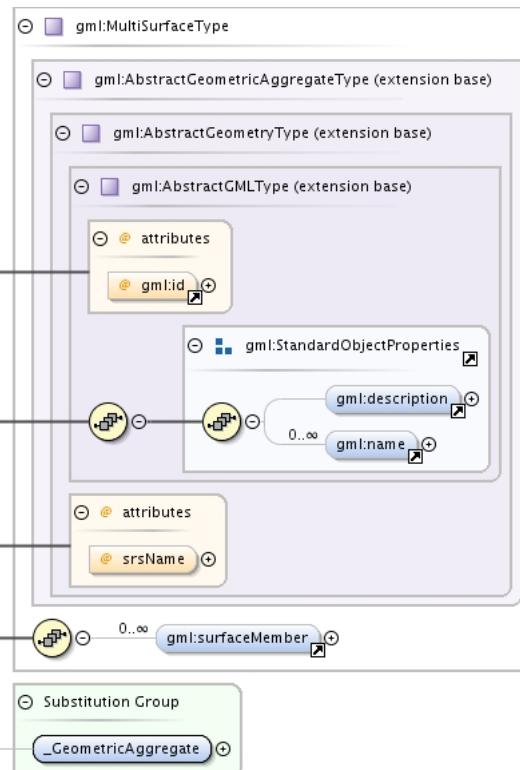
Namespace	http://www.opengis.net/gml
Annotations	
Diagram	<pre> classDiagram class gml:AbstractCurveType class gml:AbstractGeometryPrimitiveType class gml:AbstractGMLType class gml:_Curve gml:AbstractCurveType "1" -- "1" gml:AbstractGeometryPrimitiveType : gml:AbstractGeometryPrimitiveType "1" -- "1" gml:AbstractGMLType : gml:_Curve "1" -- "1" gml:_Curve : gml:id gml:_Curve "1" -- "1" gml:_Curve : srsName gml:_Curve "1" -- "1" gml:_Curve : gml:description gml:_Curve "1" -- "1" gml:_Curve : gml:name gml:_Curve "1" -- "1" gml:_Curve : Curve gml:_Curve "1" -- "1" gml:_Curve : LineString </pre>
Type	gml:AbstractCurveType
Type hierarchy	<ul style="list-style-type: none"> • gml:AbstractGMLType

	<ul style="list-style-type: none"> • gml:AbstractGeometryType • gml:AbstractGeometricPrimitiveType • gml:AbstractCurveType 															
Properties	content: complex abstract: true															
Substitution Group	<ul style="list-style-type: none"> • gml:Curve • gml:LineString 															
Substitution Group Affiliation	• gml:_GeometricPrimitive															
Used by	Complex Type gml:CurvePropertyType															
Model	gml:description{0,1} , gml:name*															
Children	gml:description, gml:name															
Instance	<pre><gml:_Curve gml:id="" srsName=""> <gml:description></gml:description> <gml:name codeSpace=""></gml:name> </gml:_Curve></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>gml:id</td><td>ID</td><td></td><td></td><td>optional</td></tr> <tr> <td>srsName</td><td>anyURI</td><td></td><td></td><td>optional</td></tr> </tbody> </table>	QName	Type	Fixed	Default	Use	gml:id	ID			optional	srsName	anyURI			optional
QName	Type	Fixed	Default	Use												
gml:id	ID			optional												
srsName	anyURI			optional												
Source	<pre><element name="_Curve" type="gml:AbstractCurveType" substitutionGroup="gml:_GeometricPrimitive" abstract="true"> <annotation> <documentation></documentation> </annotation> </element></pre>															

Element gml:MultiSurface

Namespace	http://www.opengis.net/gml
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Diagram



Type	gml:MultiSurfaceType															
Type hierarchy	<ul style="list-style-type: none"> • gml:AbstractGMLType <ul style="list-style-type: none"> • gml:AbstractGeometryType • gml:AbstractGeometricAggregateType • gml:MultiSurfaceType 															
Properties	content: complex															
Substitution Group Affiliation	• gml:_GeometricAggregate															
Used by	Complex Type gml:MultiSurfacePropertyType															
Model	gml:description{0,1} , gml:name* , gml:surfaceMember*															
Children	gml:description, gml:name, gml:surfaceMember															
Instance	<gml:MultiSurface gml:id="" srsName=""> <gml:description></gml:description> <gml:name codeSpace=""></gml:name> </gml:MultiSurface>															
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>gml:id</td> <td>ID</td> <td></td> <td></td> <td>optional</td> </tr> <tr> <td>srsName</td> <td>anyURI</td> <td></td> <td></td> <td>optional</td> </tr> </tbody> </table>	QName	Type	Fixed	Default	Use	gml:id	ID			optional	srsName	anyURI			optional
QName	Type	Fixed	Default	Use												
gml:id	ID			optional												
srsName	anyURI			optional												

Source	<pre><element name="MultiSurface" type="gml:MultiSurfaceType" substitutionGroup="gml:_GeometricAggregate"/></pre>
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Element gml:surfaceMember

Namespace	http://www.opengis.net/gml
Annotations	
Diagram	<pre> classDiagram class gml:SurfacePropertyType class gml:surfaceMember class gml:_Surface gml:surfaceMember < -- gml:SurfacePropertyType gml:SurfacePropertyType --> gml:_Surface </pre>
Type	gml:SurfacePropertyType
Properties	content: complex
Used by	Complex Type gml:MultiSurfaceType
Model	gml:_Surface
Children	gml:_Surface
Instance	<pre> <gml:surfaceMember> <gml:_Surface gml:id="" srsName=""></gml:_Surface> </gml:surfaceMember> </pre>
Source	<pre> <element name="surfaceMember" type="gml:SurfacePropertyType"> <annotation> <documentation></documentation> </annotation> </element> </pre>

Element gml:_Surface

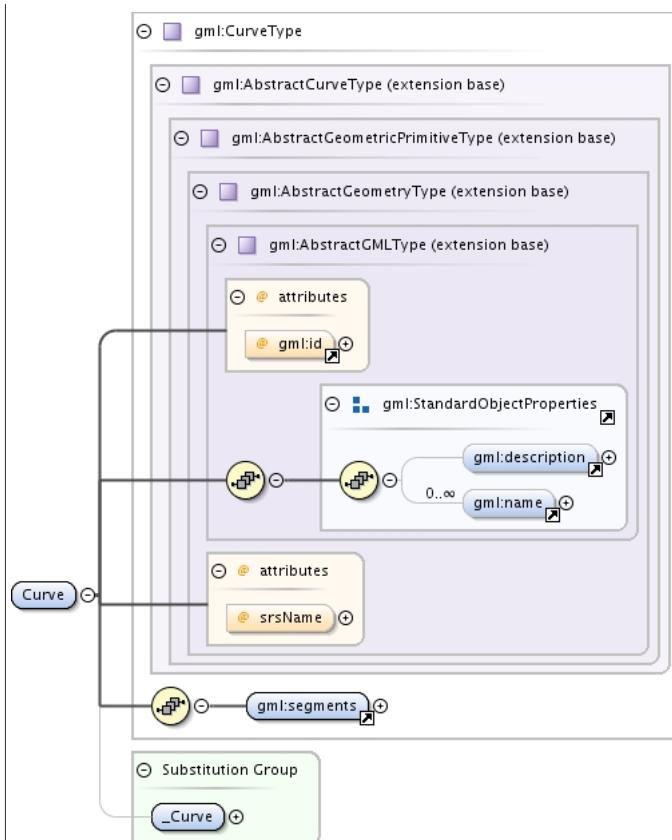
Namespace	http://www.opengis.net/gml
Annotations	
Diagram	<pre> classDiagram class gml:AbstractSurfaceType class gml:AbstractGeometricPrimitiveType { extension base} class gml:AbstractGeometryType { extension base} class gml:AbstractGMLType { extension base} class gml:StandardObjectProperties class gml:attributes class gml:id class gml:description class gml:name class gml:srsName class gml:SubstitutionGroup class gml:GeometricPrimitive class gml:Surface class gml:Polygon gml:_Surface < -- gml:AbstractSurfaceType gml:AbstractSurfaceType < -- gml:AbstractGeometricPrimitiveType gml:AbstractGeometricPrimitiveType < -- gml:AbstractGeometryType gml:AbstractGeometryType < -- gml:AbstractGMLType gml:AbstractGMLType < -- gml:StandardObjectProperties gml:StandardObjectProperties < -- gml:attributes gml:attributes < -- gml:id gml:StandardObjectProperties < -- gml:SubstitutionGroup gml:SubstitutionGroup < -- gml:GeometricPrimitive gml:GeometricPrimitive --> gml:Polygon gml:GeometricPrimitive --> gml:Surface gml:_Surface < -- gml:srsName </pre>
Type	gml:AbstractSurfaceType
Type hierarchy	• gml:AbstractGMLType

	<ul style="list-style-type: none"> • gml:AbstractGeometryType • gml:AbstractGeometricPrimitiveType • gml:AbstractSurfaceType 				
Properties	content: complex abstract: true				
Substitution Group	<ul style="list-style-type: none"> • gml:Surface • gml:Polygon 				
Substitution Group Affiliation	<ul style="list-style-type: none"> • gml:_GeometricPrimitive 				
Used by	Complex Type gml:SurfacePropertyType				
Model	gml:description{0,1} , gml:name*				
Children	gml:description, gml:name				
Instance	<pre><gml:_Surface gml:id="" srsName=""> <gml:description></gml:description> <gml:name codeSpace=""></gml:name> </gml:_Surface></pre>				
Attributes	QName	Type	Fixed	Default	Use
	gml:id	ID			optional
	srsName	anyURI			optional
Source	<pre><element name="_Surface" type="gml:AbstractSurfaceType" substitutionGroup="gml:_GeometricPrimitive" abstract="true"> <annotation> <documentation></documentation> </annotation> </element></pre>				

Element gml:Curve

Namespace	http://www.opengis.net/gml
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Diagram



Type	gml:CurveType
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Type hierarchy	<ul style="list-style-type: none"> • gml:AbstractGMLType • gml:AbstractGeometryType <ul style="list-style-type: none"> • gml:AbstractGeometricPrimitiveType • gml:AbstractCurveType • gml:CurveType
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Properties	content: complex
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Substitution Group Affiliation	• gml:_Curve
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Model	gml:description{0,1} , gml:name* , gml:segments
-------	---

Children	gml:description, gml:name, gml:segments
----------	---

Instance	<pre> <gml:Curve gml:id="" srsName=""> <gml:description></gml:description> <gml:name codeSpace=""></gml:name> </gml:Curve> </pre>
----------	---

Attributes	QName	Type	Fixed	Default	Use
	gml:id	ID			optional
	srsName	anyURI			optional

	QName	Type	Fixed	Default	Use
Source	<code><element name="Curve" type="gml:CurveType" substitutionGroup="gml:_Curve" /></code>				

Element gml:segments

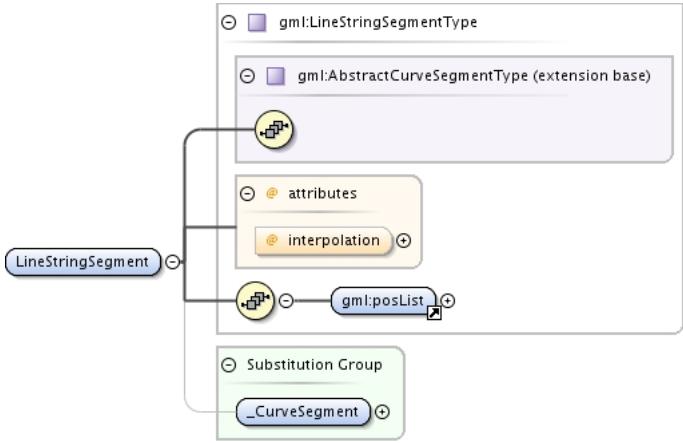
Namespace	http://www.opengis.net/gml
Annotations	
Diagram	<pre> classDiagram class gml:CurveSegmentArrayPropertyType class gml:_CurveSegment gml:CurveSegmentArrayPropertyType "0..∞" -- "segments" --> gml:_CurveSegment </pre>
Type	gml:CurveSegmentArrayPropertyType
Properties	content: complex
Used by	Complex Type gml:CurveType
Model	gml:_CurveSegment*
Children	gml:_CurveSegment
Instance	<code><gml:segments> <gml:_CurveSegment></gml:_CurveSegment> </gml:segments></code>
Source	<code><element name="segments" type="gml:CurveSegmentArrayPropertyType"> <annotation> <documentation></documentation> </annotation> </element></code>

Element gml:_CurveSegment

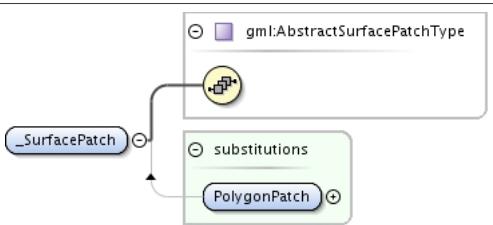
Namespace	http://www.opengis.net/gml
Annotations	
Diagram	<pre> classDiagram class gml:AbstractCurveSegmentType class gml:LineStringSegment gml:AbstractCurveSegmentType "substitutions" --> gml:LineStringSegment </pre>
Type	gml:AbstractCurveSegmentType
Properties	content: complex abstract: true
Substitution Group	• gml:LineStringSegment
Used by	Complex Type gml:CurveSegmentArrayPropertyType
Model	
Source	<code><element name="_CurveSegment" type="gml:AbstractCurveSegmentType" abstract="true"> <annotation> <documentation></documentation> </annotation> </element></code>

Element gml:LineStringSegment

Namespace	http://www.opengis.net/gml
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Diagram											
Type	gml:LineStringSegmentType										
Type hierarchy	<ul style="list-style-type: none"> • gml:AbstractCurveSegmentType <ul style="list-style-type: none"> • gml:LineStringSegmentType 										
Properties	content: complex										
Substitution Group Affiliation	• gml:_CurveSegment										
Model	gml:posList										
Children	gml:posList										
Instance	<pre><gml:LineStringSegment interpolation="linear"> <gml:posList></gml:posList> </gml:LineStringSegment></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>interpolation</td><td>gml:CurveInterpolationType</td><td></td><td></td><td>optional</td></tr> </tbody> </table>	QName	Type	Fixed	Default	Use	interpolation	gml:CurveInterpolationType			optional
QName	Type	Fixed	Default	Use							
interpolation	gml:CurveInterpolationType			optional							
Source	<pre><element name="LineStringSegment" type="gml:LineStringSegmentType" substitutionGroup="gml:_CurveSegment" /></pre>										

Element gml:_SurfacePatch

Namespace	http://www.opengis.net/gml
Annotations	
Diagram	
Type	gml:AbstractSurfacePatchType
Properties	<p>content: complex</p> <p>abstract: true</p>
Substitution Group	• gml:PolygonPatch
Used by	Complex Type gml:SurfacePatchArrayPropertyType
Model	
Source	<pre><element name="_SurfacePatch" type="gml:AbstractSurfacePatchType" abstract="true"> <annotation> <documentation></documentation> </annotation> </element></pre>

```
</annotation>
</element>
```

Element `gml:patches`

Namespace	http://www.opengis.net/gml
Annotations	
Diagram	<pre> classDiagram class patches { <> --> "0..∞" gml:_SurfacePatch } class gml:_SurfacePatch { <> --> "0..∞" patches } class gml:SurfacePatchArrayPropertyType { patches } </pre>
Type	gml:SurfacePatchArrayPropertyType
Properties	content: complex
Used by	Complex Type gml:SurfaceType
Model	gml:_SurfacePatch*
Children	gml:_SurfacePatch
Instance	<pre> <gml:patches> <gml:_SurfacePatch></gml:_SurfacePatch> </gml:patches> </pre>
Source	<pre> <element name="patches" type="gml:SurfacePatchArrayPropertyType"> <annotation> <documentation></documentation> </annotation> </element> </pre>

Element `gml:PolygonPatch`

Namespace	http://www.opengis.net/gml										
Diagram	<pre> classDiagram class PolygonPatch { <> --> gml:AbstractSurfacePatchType @attributes @interpolation gml:exterior gml:interior } class Substitution Group { _SurfacePatch } </pre>										
Type	gml:PolygonPatchType										
Type hierarchy	<ul style="list-style-type: none"> • gml:AbstractSurfacePatchType <ul style="list-style-type: none"> • gml:PolygonPatchType 										
Properties	content: complex										
Substitution Group Affiliation	• gml:_SurfacePatch										
Model	gml:exterior{0,1}, gml:interior*										
Children	gml:exterior, gml:interior										
Instance	<pre> <gml:PolygonPatch interpolation="planar"> <gml:exterior></gml:exterior> <gml:interior></gml:interior> </gml:PolygonPatch> </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>interpolation</td> <td>gml:SurfaceInterpolationType</td> <td></td> <td></td> <td>optional</td> </tr> </tbody> </table>	QName	Type	Fixed	Default	Use	interpolation	gml:SurfaceInterpolationType			optional
QName	Type	Fixed	Default	Use							
interpolation	gml:SurfaceInterpolationType			optional							

	QName	Type	Fixed	Default	Use
Source		<element name="PolygonPatch" type="gml:PolygonPatchType" substitutionGroup="gml:_SurfacePatch"/>			

Element gml:Surface

Namespace	http://www.opengis.net/gml										
Diagram	<pre> classDiagram class gml:SurfaceType { <<extension base>> <<StandardObjectProperties>> <<attributes>> gml:id gml:description gml:name srsName gml:patches <</attributes>> <<Substitution Group>> _Surface } class gml:AbstractGMLType class gml:AbstractGeometryType class gml:AbstractSurfaceType class gml:AbstractGeometricPrimitiveType class gml:Surface class _Surface gml:SurfaceType < -- gml:AbstractGMLType gml:AbstractGMLType < -- gml:AbstractGeometryType gml:AbstractGeometryType < -- gml:AbstractGeometricPrimitiveType gml:AbstractGeometricPrimitiveType < -- gml:AbstractSurfaceType gml:AbstractSurfaceType < -- gml:Surface gml:SurfaceType < -- gml:_Surface </pre>										
Type	gml:SurfaceType										
Type hierarchy	<ul style="list-style-type: none"> • gml:AbstractGMLType • gml:AbstractGeometryType <ul style="list-style-type: none"> • gml:AbstractGeometricPrimitiveType • gml:AbstractSurfaceType • gml:SurfaceType 										
Properties	content: complex										
Substitution Group											
Affiliation	• gml:_Surface										
Model	gml:description{0,1} , gml:name* , gml:patches										
Children	gml:description, gml:name, gml:patches										
Instance	<gml:Surface gml:id="" srsName=""> <gml:description></gml:description> <gml:name codeSpace=""></gml:name> </gml:Surface>										
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>gml:id</td> <td>ID</td> <td></td> <td></td> <td>optional</td> </tr> </tbody> </table>	QName	Type	Fixed	Default	Use	gml:id	ID			optional
QName	Type	Fixed	Default	Use							
gml:id	ID			optional							

	QName	Type	Fixed	Default	Use
	srsName	anyURI			optional
Source	<element name="Surface" type="gml:SurfaceType" substitutionGroup="gml:_Surface"/>				

Element **gml:_Geometry**

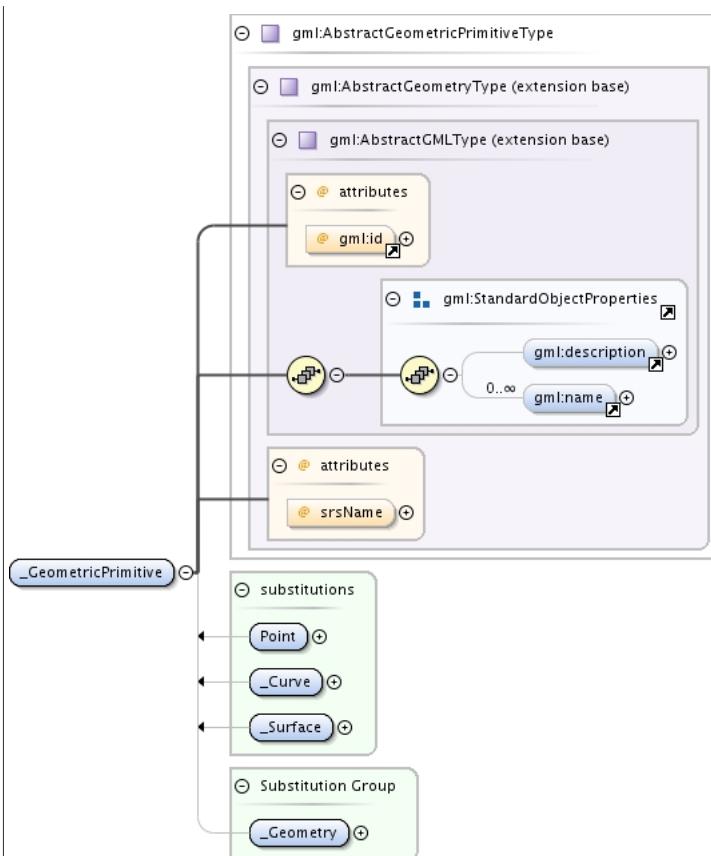
Namespace	http://www.opengis.net/gml
Annotations	
Diagram	<pre> classDiagram class gml:AbstractGeometryType { <<extension base>> <<attributes>> gml:id <<standard object properties>> gml:description gml:name <<substitutions>> LinearRing GeometricAggregate _GeometricPrimitive } class gml:AbstractGMLType { <<extension base>> <<attributes>> srsName } gml:AbstractGMLType < -- gml:AbstractGeometryType gml:AbstractGeometryType < -- gml:_Geometry gml:_Geometry < -- gml:StandardObjectProperties gml:StandardObjectProperties < -- gml:description gml:StandardObjectProperties < -- gml:name gml:_Geometry < -- gml:substitutions gml:substitutions < -- LinearRing gml:substitutions < -- GeometricAggregate gml:substitutions < -- _GeometricPrimitive gml:_Geometry < -- gml:SubstitutionGroup gml:SubstitutionGroup < -- _GML </pre>
Type	gml:AbstractGeometryType
Type hierarchy	<ul style="list-style-type: none"> • gml:AbstractGMLType <ul style="list-style-type: none"> • gml:AbstractGeometryType
Properties	<p>content: complex</p> <p>abstract: true</p>
Substitution Group	<ul style="list-style-type: none"> • gml:MultiPoint • gml:MultiCurve

	<ul style="list-style-type: none"> • <code>gml:MultiSurface</code> • <code>gml:LinearRing</code> • <code>gml:Surface</code> • <code>gml:Polygon</code> • <code>gml:Point</code> • <code>gml:Curve</code> • <code>gml:LineString</code> 																				
Substitution Group Affiliation	• <code>gml:_GML</code>																				
Used by	Complex Type <code>gml:GeometryPropertyType</code>																				
Model	<code>gml:description{0,1}</code> , <code>gml:name*</code>																				
Children	<code>gml:description</code> , <code>gml:name</code>																				
Instance	<pre><gml:_Geometrygml:id=""srsName=""> <gml:description></gml:description> <gml:namecodeSpace=""></gml:name> </gml:_Geometry></pre>																				
Attributes	<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left;">QName</th><th style="text-align: left;">Type</th><th style="text-align: left;">Fixed</th><th style="text-align: left;">Default</th><th style="text-align: left;">Use</th></tr> </thead> <tbody> <tr> <td><code>gml:id</code></td><td>ID</td><td></td><td></td><td>optional</td></tr> </tbody> </table> <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left;">QName</th><th style="text-align: left;">Type</th><th style="text-align: left;">Fixed</th><th style="text-align: left;">Default</th><th style="text-align: left;">Use</th></tr> </thead> <tbody> <tr> <td><code>srsName</code></td><td>anyURI</td><td></td><td></td><td>optional</td></tr> </tbody> </table>	QName	Type	Fixed	Default	Use	<code>gml:id</code>	ID			optional	QName	Type	Fixed	Default	Use	<code>srsName</code>	anyURI			optional
QName	Type	Fixed	Default	Use																	
<code>gml:id</code>	ID			optional																	
QName	Type	Fixed	Default	Use																	
<code>srsName</code>	anyURI			optional																	
Source	<pre><element name="_Geometry" type="gml:AbstractGeometryType" substitutionGroup="gml:_GML" abstract="true"> <annotation> <documentation></documentation> </annotation> </element></pre>																				

Element `gml:_GeometricPrimitive`

Namespace	http://www.opengis.net/gml
Annotations	

Diagram



Type	gml:AbstractGeometricPrimitiveType															
Type hierarchy	<ul style="list-style-type: none"> • gml:AbstractGMLType • gml:AbstractGeometryType • gml:AbstractGeometricPrimitiveType 															
Properties	content: complex abstract: true															
Substitution Group	<ul style="list-style-type: none"> • gml:Surface • gml:Polygon • gml:Point • gml:Curve • gml:LineString 															
Substitution Group Affiliation	• gml:_Geometry															
Model	gml:description{0,1} , gml:name*															
Children	gml:description, gml:name															
Instance	<pre> <gml:_GeometricPrimitive gml:id="" srsName=""> <gml:description></gml:description> <gml:name codeSpace=""></gml:name> </gml:_GeometricPrimitive> </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>gml:id</td> <td>ID</td> <td></td> <td></td> <td>optional</td> </tr> <tr> <td>srsName</td> <td>anyURI</td> <td></td> <td></td> <td>optional</td> </tr> </tbody> </table>	QName	Type	Fixed	Default	Use	gml:id	ID			optional	srsName	anyURI			optional
QName	Type	Fixed	Default	Use												
gml:id	ID			optional												
srsName	anyURI			optional												

	QName	Type	Fixed	Default	Use
Source		<element name="_GeometricPrimitive" type="gml:AbstractGeometricPrimitiveType" abstract="true" substitutionGroup="gml:_Geometry"> <annotation> <documentation></documentation> <br < annotation><br=""></br <> </element>			

Element gml:LineString

Namespace	http://www.opengis.net/gml
Diagram	
Type	gml:LineStringType
Type hierarchy	<ul style="list-style-type: none"> • gml:AbstractGMLType • gml:AbstractGeometryType • gml:AbstractGeometricPrimitiveType • gml:AbstractCurveType • gml:LineStringType
Properties	content: complex
Substitution Group Affiliation	• gml:_Curve
Model	gml:description{0,1} , gml:name* , gml:posList
Children	gml:description, gml:name, gml:posList
Instance	<gml:LineString gml:id="" srsName="">

	<gml:description></gml:description> <gml:name codeSpace=""></gml:name> </gml:LineString>				
Attributes	QName	Type	Fixed	Default	Use
	gml:id	ID			optional
Source	<element name="LineString" type="gml:LineStringType" substitutionGroup="gml:_Curve" />				

Element gml:Envelope

Namespace	http://www.opengis.net/gml										
Diagram	<pre> classDiagram class gml { class EnvelopeType { attribute srsName : anyURI attribute lowerCorner : gml:PositionType attribute upperCorner : gml:PositionType } } class Envelope { --> EnvelopeType } </pre>										
Type	gml:EnvelopeType										
Properties	content: complex										
Used by	Complex Type gml:BoundingShapeType										
Model	gml:lowerCorner , gml:upperCorner										
Children	gml:lowerCorner, gml:upperCorner										
Instance	<gml:Envelope srsName=""> <gml:lowerCorner></gml:lowerCorner> <gml:upperCorner></gml:upperCorner> </gml:Envelope>										
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>srsName</td><td>anyURI</td><td></td><td></td><td>required</td></tr> </tbody> </table>	QName	Type	Fixed	Default	Use	srsName	anyURI			required
QName	Type	Fixed	Default	Use							
srsName	anyURI			required							
Source	<element name="Envelope" type="gml:EnvelopeType" />										

Element gml:EnvelopeType / gml:lowerCorner

Namespace	http://www.opengis.net/gml
Diagram	<pre> classDiagram class gml { class DirectPositionType { attribute lowerCorner : gml:doubleList } } class doubleList class PositionType class DirectPositionType { --> doubleList } </pre>
Type	gml:DirectPositionType
Type hierarchy	• anySimpleType

	<ul style="list-style-type: none"> • <code>gml:doubleList</code> <ul style="list-style-type: none"> • <code>gml:DirectPositionType</code>
Properties	content: complex
Source	<code><element name="lowerCorner" type="gml:DirectPositionType"/></code>

Element `gml:EnvelopeType / gml:upperCorner`

Namespace	http://www.opengis.net/gml
Diagram	<pre> classDiagram class gml { class DirectPositionType { <<gml:DirectPositionType>> } class doubleList { <<gml:doubleList>> } } class upperCorner { <<gml:upperCorner>> } DirectPositionType "1" -- "1" upperCorner : upperCorner "1" -- "1" doubleList : </pre>
Type	<code>gml:DirectPositionType</code>
Type hierarchy	<ul style="list-style-type: none"> • <code>anySimpleType</code> <ul style="list-style-type: none"> • <code>gml:doubleList</code> • <code>gml:DirectPositionType</code>
Properties	content: complex
Source	<code><element name="upperCorner" type="gml:DirectPositionType"/></code>

Element `gml:_Feature`

Namespace	http://www.opengis.net/gml
Diagram	<pre> classDiagram class _Feature { <<_Feature>> <<StandardObjectProperties>> <<boundedBy>> <<Substitution Group: GML>> } class AbstractFeatureType { <<gml:AbstractFeatureType>> } class AbstractFeatureBaseType { <<gml:AbstractFeatureBaseType>> <<extension base>> } class AbstractGMLType { <<gml:AbstractGMLType>> <<restriction base>> <<attributes>> <<gml:id>> </attributes> <<StandardObjectProperties>> <<description>> <<name>> </StandardObjectProperties> <<attributes>> <<gml:id>> </attributes> <<StandardObjectProperties>> <<description>> <<name>> </StandardObjectProperties> <b> boundedBy } AbstractFeatureBaseType --> AbstractGMLType _Feature --> AbstractFeatureBaseType _Feature --> StandardObjectProperties _Feature --> boundedBy SubstitutionGroup("GML") --> _Feature </pre>
Type	<code>gml:AbstractFeatureType</code>
Type hierarchy	<ul style="list-style-type: none"> • <code>gml:AbstractGMLType</code> <ul style="list-style-type: none"> • <code>gml:AbstractFeatureBaseType</code> <ul style="list-style-type: none"> • <code>gml:AbstractFeatureType</code>

Properties	content: complex abstract: true										
Substitution Group Affiliation	• gml:_GML										
Model	gml:description{0,1} , gml:name* , gml:boundedBy{0,1}										
Children	gml:boundedBy, gml:description, gml:name										
Instance	<pre><gml:_Feature gml:id=""> <gml:description></gml:description> <gml:name codeSpace=""></gml:name> </gml:_Feature></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>gml:id</td><td>ID</td><td></td><td></td><td>required</td></tr> </tbody> </table>	QName	Type	Fixed	Default	Use	gml:id	ID			required
QName	Type	Fixed	Default	Use							
gml:id	ID			required							
Source	<pre><element name="_Feature" type="gml:AbstractFeatureType" abstract="true" substitutionGroup="gml:_GML"/></pre>										

Element gml:boundedBy

Namespace	http://www.opengis.net/gml
Diagram	<pre> classDiagram class BoundingShapeType { <<gml:BoundingShapeType>> } class Envelope { <<gml:Envelope>> } BoundingShapeType "1" -- "*" Envelope class gml { <<gml>> } gml "1" -- "*" BoundingShapeType gml "*" -- "*" Envelope </pre>
Type	gml:BoundingShapeType
Properties	content: complex
Used by	Complex Type gml:AbstractFeatureType
Model	gml:Envelope
Children	gml:Envelope
Instance	<pre><gml:boundedBy> <gml:Envelope srsName=""></gml:Envelope> </gml:boundedBy></pre>
Source	<pre><element name="boundedBy" type="gml:BoundingShapeType" /></pre>

Element gml:_Object

Namespace	http://www.opengis.net/gml
Annotations	
Diagram	<pre> classDiagram class Object { <<_Object>> } class GML { <<_GML>> } class Substitutions { <<substitutions>> } Object "1" -- "*" GML GML "1" -- "*" Substitutions </pre>
Properties	abstract: true
Substitution Group	<ul style="list-style-type: none"> gml:MultiPoint gml:MultiCurve gml:MultiSurface gml:LinearRing gml:Surface gml:Polygon

	<ul style="list-style-type: none"> • <code>gml:Point</code> • <code>gml:Curve</code> • <code>gml:LineString</code>
Source	<pre><element name="_Object" abstract="true"> <annotation> <documentation></documentation> </annotation> </element></pre>

Element `gml:_GML`

Namespace	http://www.opengis.net/gml										
Annotations											
Diagram	<pre> classDiagram class gml(AbstractGMLType) { attribute "attributes" attribute "gml:id" association gml:StandardObjectProperties substitutionGroup "Feature" substitutionGroup "Geometry" substitutionGroup "Object" } class gml:_GML { association "0..∞" gml:description association "0..∞" gml:name } gml < -- gml:_GML gml:_GML --> gml:StandardObjectProperties gml:_GML --> Feature gml:_GML --> Geometry gml:_GML --> Object </pre>										
Type	<code>gml:AbstractGMLType</code>										
Properties	<table border="1"> <tr> <td>content:</td> <td>complex</td> </tr> <tr> <td>abstract:</td> <td>true</td> </tr> </table>	content:	complex	abstract:	true						
content:	complex										
abstract:	true										
Substitution Group	<ul style="list-style-type: none"> • <code>gml:MultiPoint</code> • <code>gml:MultiCurve</code> • <code>gml:MultiSurface</code> • <code>gml:LinearRing</code> • <code>gml:Surface</code> • <code>gml:Polygon</code> • <code>gml:Point</code> • <code>gml:Curve</code> • <code>gml:LineString</code> 										
Substitution Group Affiliation	• <code>gml:_Object</code>										
Model	<code>gml:description{0,1}</code> , <code>gml:name*</code>										
Children	<code>gml:description</code> , <code>gml:name</code>										
Instance	<pre><gml:_GML gml:id=""> <gml:description></gml:description> <gml:name codeSpace=""></gml:name> </gml:_GML></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><code>gml:id</code></td> <td>ID</td> <td></td> <td></td> <td>optional</td> </tr> </tbody> </table>	QName	Type	Fixed	Default	Use	<code>gml:id</code>	ID			optional
QName	Type	Fixed	Default	Use							
<code>gml:id</code>	ID			optional							

	QName	Type	Fixed	Default	Use
Source		<element name="_GML" type="gml:AbstractGMLType" abstract="true" substitutionGroup="gml:Object"> <annotation> <documentation></documentation> </annotation> </element>			

Complex Type(s)

Complex Type `gml:PointType`

Namespace	http://www.opengis.net/gml															
Annotations																
Diagram	<pre> classDiagram class PointType { <<extension of gml:AbstractGeometricPrimitiveType>> <<extension of gml:AbstractGeometryType>> <<extension of gml:AbstractGMLType>> attribute gml:id attribute srsName attribute gml:pos reference StandardObjectProperties attribute gml:description attribute gml:name } </pre>															
Type	extension of <code>gml:AbstractGeometricPrimitiveType</code>															
Type hierarchy	<ul style="list-style-type: none"> • <code>gml:AbstractGMLType</code> • <code>gml:AbstractGeometryType</code> <ul style="list-style-type: none"> • <code>gml:AbstractGeometricPrimitiveType</code> • <code>gml:PointType</code> 															
Used by	Element <code>gml:Point</code>															
Model	<code>gml:description{0,1}</code> , <code>gml:name*</code> , <code>gml:pos</code>															
Children	<code>gml:description</code> , <code>gml:name</code> , <code>gml:pos</code>															
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><code>gml:id</code></td> <td>ID</td> <td></td> <td></td> <td>optional</td> </tr> <tr> <td><code>srsName</code></td> <td>anyURI</td> <td></td> <td></td> <td>optional</td> </tr> </tbody> </table>	QName	Type	Fixed	Default	Use	<code>gml:id</code>	ID			optional	<code>srsName</code>	anyURI			optional
QName	Type	Fixed	Default	Use												
<code>gml:id</code>	ID			optional												
<code>srsName</code>	anyURI			optional												

	QName	Type	Fixed	Default	Use
Source		<complexType name="PointType"> <annotation> <documentation></documentation> </annotation> <complexContent> <extension base="gml:AbstractGeometricPrimitiveType"> <sequence> <element ref="gml:pos" /> </sequence> </extension> <br < complexcontent><="" complextype><="" td=""><td></td><td></td><td></td></br <>			

Complex Type gml:AbstractGeometricPrimitiveType

Namespace	http://www.opengis.net/gml																									
Annotations																										
Diagram	<pre> classDiagram class AbstractGeometricPrimitiveType { <<AbstractGeometricPrimitiveType>> } class AbstractGeometryType { <<AbstractGeometryType>> } class AbstractGMLType { <<AbstractGMLType>> } AbstractGeometricPrimitiveType --> AbstractGeometryType AbstractGeometryType --> AbstractGMLType class AbstractGeometricPrimitiveType { <<AbstractGeometricPrimitiveType>> } class AbstractGeometryType { <<AbstractGeometryType>> } class AbstractGMLType { <<AbstractGMLType>> } AbstractGeometricPrimitiveType --> AbstractGeometryType AbstractGeometryType --> AbstractGMLType </pre>																									
Type	extension of gml:AbstractGeometryType																									
Type hierarchy	<ul style="list-style-type: none"> • gml:AbstractGMLType <ul style="list-style-type: none"> • gml:AbstractGeometryType <ul style="list-style-type: none"> • gml:AbstractGeometricPrimitiveType 																									
Properties	abstract: true																									
Used by	<p>Complex Types gml:AbstractCurveType, gml:AbstractSurfaceType, gml:PointType</p> <p>Element gml:_GeometricPrimitive</p>																									
Model	gml:description{0,1} , gml:name*																									
Children	gml:description, gml:name																									
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>gml:id</td> <td>ID</td> <td></td> <td></td> <td>optional</td> </tr> <tr> <td> </td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>srsName</td> <td>anyURI</td> <td></td> <td></td> <td>optional</td> </tr> <tr> <td> </td> <td></td> <td></td> <td></td> <td></td> </tr> </tbody> </table>	QName	Type	Fixed	Default	Use	gml:id	ID			optional						srsName	anyURI			optional					
QName	Type	Fixed	Default	Use																						
gml:id	ID			optional																						
srsName	anyURI			optional																						

	QName	Type	Fixed	Default	Use
Source		<complexType name="AbstractGeometricPrimitiveType" abstract="true"> <annotation> <documentation></documentation> </annotation> <complexContent> <extension base="gml:AbstractGeometryType" /> </complexContent> </complexType>			

Complex Type gml:AbstractGeometryType

Namespace	http://www.opengis.net/gml																									
Annotations																										
Diagram	<pre> classDiagram class AbstractGeometryType { <<gml:AbstractGMLType (extension base)>> <<attributes>> <<gml:id>> <<srsName>> <<gml:StandardObjectProperties>> <<gml:description>> <<gml:name>> } </pre>																									
Type	extension of gml:AbstractGMLType																									
Type hierarchy	<ul style="list-style-type: none"> • gml:AbstractGMLType <ul style="list-style-type: none"> • gml:AbstractGeometryType 																									
Properties	abstract: true																									
Used by	<p>Complex Types gml:AbstractGeometricAggregateType, gml:AbstractGeometricPrimitiveType, gml:LinearRingType</p> <p>Element gml:_Geometry</p>																									
Model	gml:description{0,1} , gml:name*																									
Children	gml:description, gml:name																									
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>gml:id</td> <td>ID</td> <td></td> <td></td> <td>optional</td> </tr> <tr> <td> </td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>srsName</td> <td>anyURI</td> <td></td> <td></td> <td>optional</td> </tr> <tr> <td> </td> <td></td> <td></td> <td></td> <td></td> </tr> </tbody> </table>	QName	Type	Fixed	Default	Use	gml:id	ID			optional						srsName	anyURI			optional					
QName	Type	Fixed	Default	Use																						
gml:id	ID			optional																						
srsName	anyURI			optional																						

	QName	Type	Fixed	Default	Use
Source		<complexType name="AbstractGeometryType" abstract="true"> <annotation> <documentation></documentation> </annotation> <complexContent> <extension base="gml:AbstractGMLType"> <attribute name="srsName" type="anyURI" use="optional"> <annotation> <documentation></documentation> </annotation> </attribute> </extension> </complexContent> </complexType>			

Complex Type **gml:AbstractGMLType**

Namespace	http://www.opengis.net/gml														
Annotations															
Diagram															
Properties	abstract: true														
Used by	Complex Types gml:AbstractFeatureBaseType, gml:AbstractGeometryType Element gml:_GML														
Model	gml:description{0,1}, gml:name*														
Children	gml:description, gml:name														
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>gml:id</td> <td>ID</td> <td></td> <td></td> <td>optional</td> </tr> </tbody> </table>	QName	Type	Fixed	Default	Use	gml:id	ID			optional				
QName	Type	Fixed	Default	Use											
gml:id	ID			optional											
Source	<complexType name="AbstractGMLType" abstract="true"> <annotation> <documentation></documentation> </annotation> <sequence> <group ref="gml:StandardObjectProperties" /> </sequence> <attribute ref="gml:id" use="optional" /> </complexType>														

Complex Type **gml:CodeType**

Namespace	http://www.opengis.net/gml				
Annotations					

Diagram	<pre> classDiagram class CodeType { <<string>> @ attributes @ codeSpace } CodeType < -- string CodeType < -- attributes CodeType < -- codeSpace </pre>										
Type	extension of string										
Used by	Element <code>gml:name</code>										
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><code>codeSpace</code></td> <td><code>anyURI</code></td> <td></td> <td></td> <td>optional</td> </tr> </tbody> </table>	QName	Type	Fixed	Default	Use	<code>codeSpace</code>	<code>anyURI</code>			optional
QName	Type	Fixed	Default	Use							
<code>codeSpace</code>	<code>anyURI</code>			optional							
Source	<pre> <complexType name="CodeType"> <annotation> <documentation></documentation> </annotation> <simpleContent> <extension base="string"> <attribute name="codeSpace" type="anyURI" use="optional" /> </extension> </simpleContent> </complexType> </pre>										

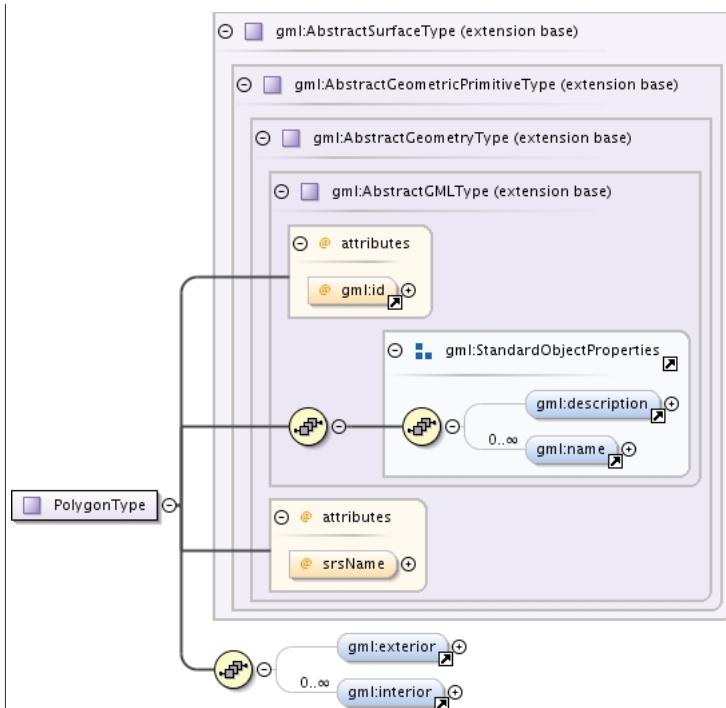
Complex Type `gml:DirectPositionType`

Namespace	http://www.opengis.net/gml
Annotations	
Diagram	<pre> classDiagram class DirectPositionType { <<gml:doubleList>> } DirectPositionType < -- gml:doubleList </pre>
Type	extension of <code>gml:doubleList</code>
Type hierarchy	<ul style="list-style-type: none"> • <code>anySimpleType</code> <ul style="list-style-type: none"> • <code>gml:doubleList</code> <ul style="list-style-type: none"> • <code>gml:DirectPositionType</code>
Used by	Elements <code>gml:EnvelopeType/gml:lowerCorner</code> , <code>gml:EnvelopeType/gml:upperCorner</code> , <code>gml:pos</code>
Source	<pre> <complexType name="DirectPositionType"> <annotation> <documentation></documentation> </annotation> <simpleContent> <extension base="gml:doubleList" /> </simpleContent> </complexType> </pre>

Complex Type `gml:PolygonType`

Namespace	http://www.opengis.net/gml
Annotations	

Diagram



Type

extension of gml:AbstractSurfaceType

Type hierarchy

- gml:AbstractGMLType
 - gml:AbstractGeometryType
 - gml:AbstractGeometricPrimitiveType
 - gml:AbstractSurfaceType
 - gml:PolygonType

Used by

Element gml:Polygon

Model

gml:description{0,1} , gml:name* , gml:exterior{0,1} , gml:interior*

Children

gml:description, gml:exterior, gml:interior, gml:name

Attributes

QName	Type	Fixed	Default	Use
gml:id	ID			optional
srsName	anyURI			optional

Source

```

<complexType name="PolygonType">
  <annotation>
    <documentation></documentation>
  </annotation>
  <complexContent>
    <extension base="gml:AbstractSurfaceType">
      <sequence>
        <element ref="gml:exterior" minOccurs="0" />
        <element ref="gml:interior" minOccurs="0" maxOccurs="unbounded" />
      </sequence>
    </extension>
  </complexContent>
</complexType>

```

<pre></complexContent> </complexType></pre>

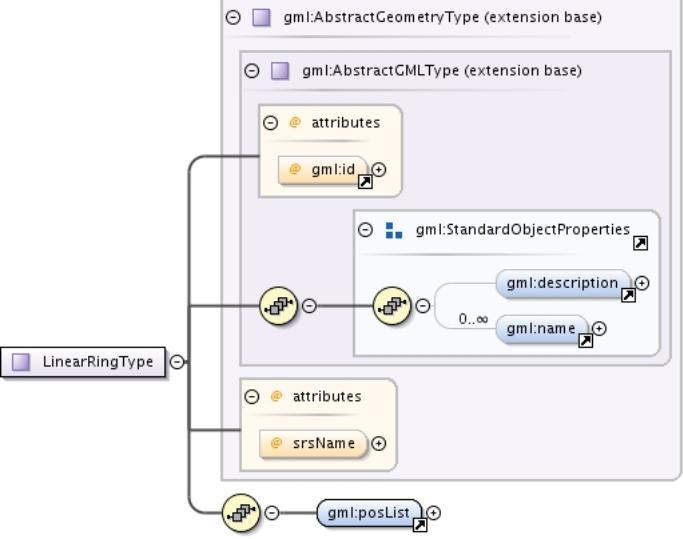
Complex Type `gml:AbstractSurfaceType`

Namespace	http://www.opengis.net/gml																			
Annotations																				
Diagram																				
Type	extension of <code>gml:AbstractGeometricPrimitiveType</code>																			
Type hierarchy	<ul style="list-style-type: none"> • <code>gml:AbstractGMLType</code> <ul style="list-style-type: none"> • <code>gml:AbstractGeometryType</code> <ul style="list-style-type: none"> • <code>gml:AbstractGeometricPrimitiveType</code> • <code>gml:AbstractSurfaceType</code> 																			
Used by	Complex Types <code>gml:PolygonType</code> , <code>gml:SurfaceType</code> Element <code>gml:_Surface</code>																			
Model	<code>gml:description{0,1}</code> , <code>gml:name*</code>																			
Children	<code>gml:description</code> , <code>gml:name</code>																			
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><code>gml:id</code></td> <td>ID</td> <td></td> <td></td> <td>optional</td> </tr> <tr> <td><code>srsName</code></td> <td>anyURI</td> <td></td> <td></td> <td>optional</td> </tr> </tbody> </table>					QName	Type	Fixed	Default	Use	<code>gml:id</code>	ID			optional	<code>srsName</code>	anyURI			optional
QName	Type	Fixed	Default	Use																
<code>gml:id</code>	ID			optional																
<code>srsName</code>	anyURI			optional																
Source	<pre><complexType name="AbstractSurfaceType"> <annotation> <documentation></documentation> </annotation> <complexContent> <extension base="gml:AbstractGeometricPrimitiveType" /> </complexContent> </complexType></pre>																			

Complex Type `gml:AbstractRingPropertyType`

Namespace	http://www.opengis.net/gml
Annotations	
Diagram	
Used by	Elements gml:exterior, gml:interior
Model	gml:LinearRing
Children	gml:LinearRing
Source	<pre><complexType name="AbstractRingPropertyType"> <annotation> <documentation></documentation> </annotation> <sequence> <element ref="gml:LinearRing" /> </sequence> </complexType></pre>

Complex Type `gml:LinearRingType`

Namespace	http://www.opengis.net/gml															
Annotations																
Diagram																
Type	extension of <code>gml:AbstractGeometryType</code>															
Type hierarchy	<ul style="list-style-type: none"> • <code>gml:AbstractGMLType</code> <ul style="list-style-type: none"> • <code>gml:AbstractGeometryType</code> <ul style="list-style-type: none"> • <code>gml:LinearRingType</code> 															
Used by	Element gml:LinearRing															
Model	<code>gml:description{0,1}</code> , <code>gml:name*</code> , <code>gml:posList</code>															
Children	<code>gml:description</code> , <code>gml:name</code> , <code>gml:posList</code>															
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><code>gml:id</code></td> <td>ID</td> <td></td> <td></td> <td>optional</td> </tr> <tr> <td><code>srsName</code></td> <td>anyURI</td> <td></td> <td></td> <td>optional</td> </tr> </tbody> </table>	QName	Type	Fixed	Default	Use	<code>gml:id</code>	ID			optional	<code>srsName</code>	anyURI			optional
QName	Type	Fixed	Default	Use												
<code>gml:id</code>	ID			optional												
<code>srsName</code>	anyURI			optional												

	QName	Type	Fixed	Default	Use
Source		<pre><complexType name="LinearRingType"> <annotation> <documentation></documentation> </annotation> <complexContent> <extension base="gml:AbstractGeometryType"> <sequence> <element ref="gml:posList"> <annotation> <documentation></documentation> </annotation> </element> </sequence> </extension> </complexContent> </complexType></pre>			

Complex Type gml:DirectPositionListType

Namespace	http://www.opengis.net/gml
Annotations	
Diagram	<pre> classDiagram class DirectPositionListType { <<extension of gml:doubleList>> } class gml { class doubleList } DirectPositionListType < -- doubleList </pre>
Type	extension of gml:doubleList
Type hierarchy	<ul style="list-style-type: none"> anySimpleType gml:doubleList gml:DirectPositionListType
Used by	Element gml:posList
Source	<pre><complexType name="DirectPositionListType"> <annotation> <documentation></documentation> </annotation> <simpleContent> <extension base="gml:doubleList"/> </simpleContent> </complexType></pre>

Complex Type gml:AbstractGeometricAggregateType

Namespace	http://www.opengis.net/gml
Annotations	
Diagram	<pre> classDiagram class gml { class AbstractGeometryType { <<extension base>> } class AbstractGMLType { <<extension base>> } } class attributes { @ gml:id } class StandardObjectProperties { gml:description gml:name } class srsName class AbstractGeometricAggregateType { <<extension of AbstractGeometryType>> } AbstractGeometricAggregateType < -- AbstractGeometryType AbstractGeometryType < -- AbstractGMLType AbstractGMLType < -- attributes AbstractGMLType < -- StandardObjectProperties AbstractGMLType < -- srsName </pre>

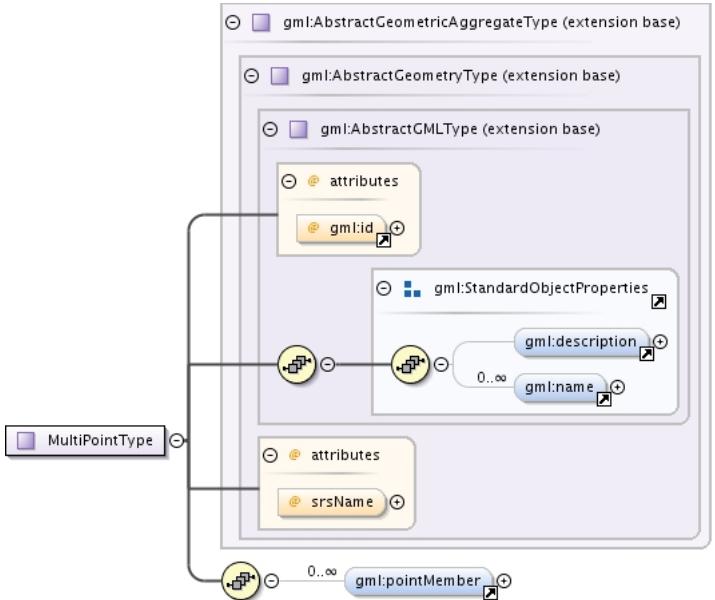
Type	extension of gml:AbstractGeometryType				
Type hierarchy	<ul style="list-style-type: none"> • gml:AbstractGMLType • gml:AbstractGeometryType • gml:AbstractGeometricAggregateType 				
Properties	abstract: true				
Used by	Element gml:_GeometricAggregate Complex Types gml:MultiCurveType, gml:MultiPointType, gml:MultiSurfaceType				
Model	gml:description{0,1} , gml:name*				
Children	gml:description, gml:name				
Attributes	QName	Type	Fixed	Default	Use
	gml:id	ID			optional
	srsName	anyURI			optional

Complex Type gml:MultiGeometry.PropertyType

Namespace	http://www.opengis.net/gml	
Annotations		
Diagram		
Model	gml:_GeometricAggregate	
Children	gml:_GeometricAggregate	
Source	<pre><complexType name="MultiGeometry.PropertyType"> <annotation> <documentation></documentation> </annotation> <complexContent> <extension base="gml:AbstractGeometryType" /> </complexContent> </complexType></pre>	

Complex Type gml:MultiPointType

Namespace	http://www.opengis.net/gml	
Annotations		

Diagram																
Type	extension of <code>gml:AbstractGeometricAggregateType</code>															
Type hierarchy	<ul style="list-style-type: none"> <code>gml:AbstractGMLType</code> <code>gml:AbstractGeometryType</code> <code>gml:AbstractGeometricAggregateType</code> <code>gml:MultiPointType</code> 															
Used by	<code>Element</code> <code>gml:MultiPoint</code>															
Model	<code>gml:description{0,1}</code> , <code>gml:name*</code> , <code>gml:pointMember*</code>															
Children	<code>gml:description</code> , <code>gml:name</code> , <code>gml:pointMember</code>															
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><code>gml:id</code></td><td>ID</td><td></td><td></td><td>optional</td></tr> <tr> <td><code>srsName</code></td><td>anyURI</td><td></td><td></td><td>optional</td></tr> </tbody> </table>	QName	Type	Fixed	Default	Use	<code>gml:id</code>	ID			optional	<code>srsName</code>	anyURI			optional
QName	Type	Fixed	Default	Use												
<code>gml:id</code>	ID			optional												
<code>srsName</code>	anyURI			optional												
Source	<pre> <complexType name="MultiPointType"> <annotation> <documentation></documentation> </annotation> <complexContent> <extension base="gml:AbstractGeometricAggregateType"> <sequence> <element ref="gml:pointMember" minOccurs="0" maxOccurs="unbounded" /> </sequence> </extension> </complexContent> </complexType> </pre>															

Complex Type `gml:PointPropertyType`

Namespace	http://www.opengis.net/gml
-----------	---

Annotations	
Diagram	
Used by	Element gml:pointMember
Model	gml:Point
Children	gml:Point
Source	<pre><complexType name="Point.PropertyType"> <annotation> <documentation></documentation> </annotation> <sequence> <element ref="gml:Point" /> </sequence> </complexType></pre>

Complex Type gml:MultiPoint.PropertyType

Namespace	http://www.opengis.net/gml
Annotations	
Diagram	
Model	gml:MultiPoint
Children	gml:MultiPoint
Source	<pre><complexType name="MultiPoint.PropertyType"> <annotation> <documentation></documentation> </annotation> <sequence> <element ref="gml:MultiPoint" /> </sequence> </complexType></pre>

Complex Type gml:MultiCurveType

Namespace	http://www.opengis.net/gml
Annotations	
Diagram	
Type	extension of gml:AbstractGeometricAggregateType
Type hierarchy	<ul style="list-style-type: none"> • gml:AbstractGMLType • gml:AbstractGeometryType

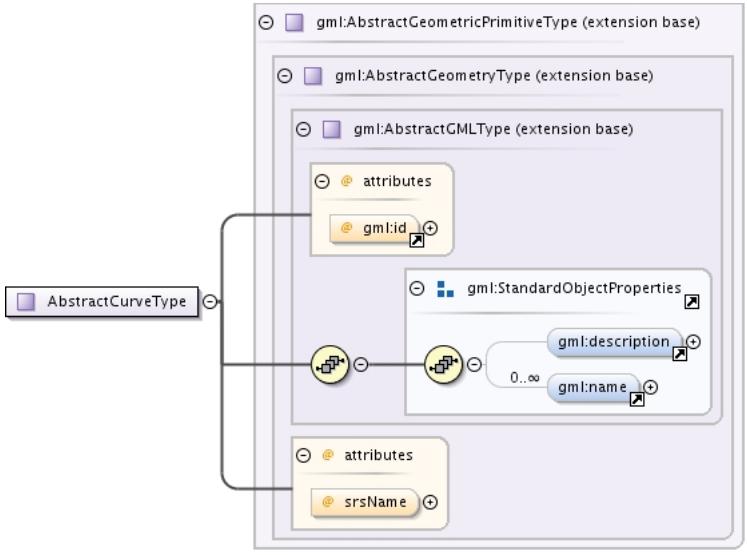
	<ul style="list-style-type: none"> • <code>gml:AbstractGeometricAggregateType</code> • <code>gml:MultiCurveType</code> 															
Used by	Element <code>gml:MultiCurve</code>															
Model	<code>gml:description{0,1}</code> , <code>gml:name*</code> , <code>gml:curveMember*</code>															
Children	<code>gml:curveMember</code> , <code>gml:description</code> , <code>gml:name</code>															
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><code>gml:id</code></td><td>ID</td><td></td><td></td><td>optional</td></tr> <tr> <td><code>srsName</code></td><td>anyURI</td><td></td><td></td><td>optional</td></tr> </tbody> </table>	QName	Type	Fixed	Default	Use	<code>gml:id</code>	ID			optional	<code>srsName</code>	anyURI			optional
QName	Type	Fixed	Default	Use												
<code>gml:id</code>	ID			optional												
<code>srsName</code>	anyURI			optional												
Source	<pre><complexType name="MultiCurveType"> <annotation> <documentation></documentation> </annotation> <complexContent> <extension base="gml:AbstractGeometricAggregateType"> <sequence> <element ref="gml:curveMember" minOccurs="0" maxOccurs="unbounded" /> </sequence> </extension> </complexContent> </complexType></pre>															

Complex Type `gml:Curve.PropertyType`

Namespace	http://www.opengis.net/gml
Annotations	
Diagram	<pre> classDiagram class CurvePropertyType class gml__Curve CurvePropertyType "1" -- "0..1" gml__Curve </pre>
Used by	Element <code>gml:curveMember</code>
Model	<code>gml:_Curve</code>
Children	<code>gml:_Curve</code>
Source	<pre><complexType name="Curve.PropertyType"> <annotation> <documentation></documentation> </annotation> <sequence> <element ref="gml:_Curve" /> </sequence> </complexType></pre>

Complex Type `gml:AbstractCurveType`

Namespace	http://www.opengis.net/gml
Annotations	

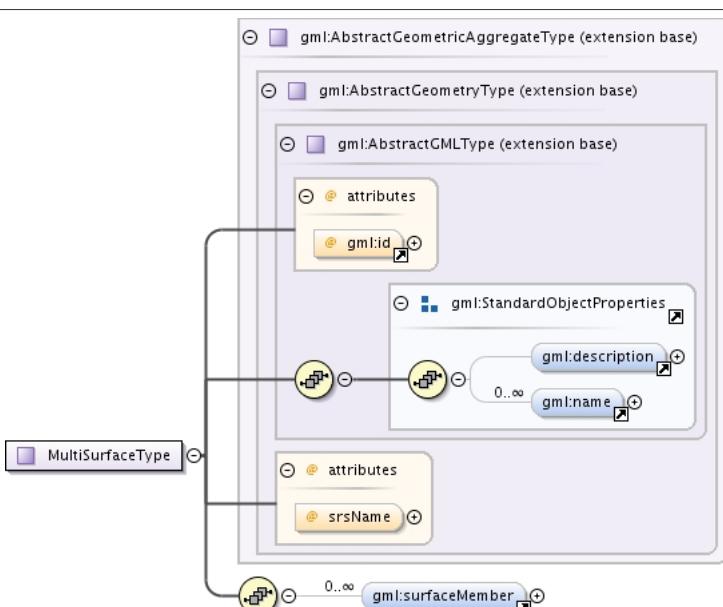
Diagram																
Type	extension of <code>gml:AbstractGeometricPrimitiveType</code>															
Type hierarchy	<ul style="list-style-type: none"> <code>gml:AbstractGMLType</code> <ul style="list-style-type: none"> <code>gml:AbstractGeometryType</code> <ul style="list-style-type: none"> <code>gml:AbstractGeometricPrimitiveType</code> <ul style="list-style-type: none"> <code>gml:AbstractCurveType</code> 															
Properties	abstract: true															
Used by	Element <code>gml:_Curve</code> Complex Types <code>gml:CurveType, gml:LineStringType</code>															
Model	<code>gml:description{0,1}</code> , <code>gml:name*</code>															
Children	<code>gml:description</code> , <code>gml:name</code>															
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><code>gml:id</code></td> <td>ID</td> <td></td> <td></td> <td>optional</td> </tr> <tr> <td><code>srsName</code></td> <td>anyURI</td> <td></td> <td></td> <td>optional</td> </tr> </tbody> </table>	QName	Type	Fixed	Default	Use	<code>gml:id</code>	ID			optional	<code>srsName</code>	anyURI			optional
QName	Type	Fixed	Default	Use												
<code>gml:id</code>	ID			optional												
<code>srsName</code>	anyURI			optional												
Source	<pre><complexType name="AbstractCurveType" abstract="true"> <annotation> <documentation></documentation> </annotation> <complexContent> <extension base="gml:AbstractGeometricPrimitiveType"/> </complexContent> </complexType></pre>															

Complex Type `gml:MultiCurvePropertyType`

Namespace	http://www.opengis.net/gml
Annotations	

Diagram	
Model	gm1:MultiCurve
Children	gm1:MultiCurve
Source	<pre><complexType name="MultiCurvePropertyType"> <annotation> <documentation></documentation> </annotation> <sequence> <element ref="gm1:MultiCurve" /> </sequence> </complexType></pre>

Complex Type gm1:MultiSurfaceType

Namespace	http://www.opengis.net/gml																									
Annotations																										
Diagram																										
Type	extension of gm1:AbstractGeometricAggregateType																									
Type hierarchy	<ul style="list-style-type: none"> • gm1:AbstractGMLType <ul style="list-style-type: none"> • gm1:AbstractGeometryType <ul style="list-style-type: none"> • gm1:AbstractGeometricAggregateType <ul style="list-style-type: none"> • gm1:MultiSurfaceType 																									
Used by	Element gm1:MultiSurface																									
Model	gm1:description{0,1}, gm1:name*, gm1:surfaceMember*																									
Children	gm1:description, gm1:name, gm1:surfaceMember																									
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>gm1:id</td> <td>ID</td> <td></td> <td></td> <td>optional</td> </tr> <tr> <td> </td> <td> </td> <td> </td> <td> </td> <td> </td> </tr> <tr> <td>srsName</td> <td>anyURI</td> <td></td> <td></td> <td>optional</td> </tr> <tr> <td> </td> <td> </td> <td> </td> <td> </td> <td> </td> </tr> </tbody> </table>	QName	Type	Fixed	Default	Use	gm1:id	ID			optional						srsName	anyURI			optional					
QName	Type	Fixed	Default	Use																						
gm1:id	ID			optional																						
srsName	anyURI			optional																						

	QName	Type	Fixed	Default	Use
Source		<pre><complexType name="MultiSurfaceType"> <annotation> <documentation></documentation> </annotation> <complexContent> <extension base="gml:AbstractGeometricAggregateType"> <sequence> <element ref="gml:surfaceMember" minOccurs="0" maxOccurs="unbounded"/> </sequence> </extension> </complexContent> </complexType></pre>			

Complex Type gml:SurfacePropertyType

Namespace	http://www.opengis.net/gml	
Annotations		
Diagram		
Used by	Element	gml:surfaceMember
Model	gml:_Surface	
Children	gml:_Surface	
Source		<pre><complexType name="SurfacePropertyType"> <annotation> <documentation></documentation> </annotation> <sequence> <element ref="gml:_Surface" /> </sequence> </complexType></pre>

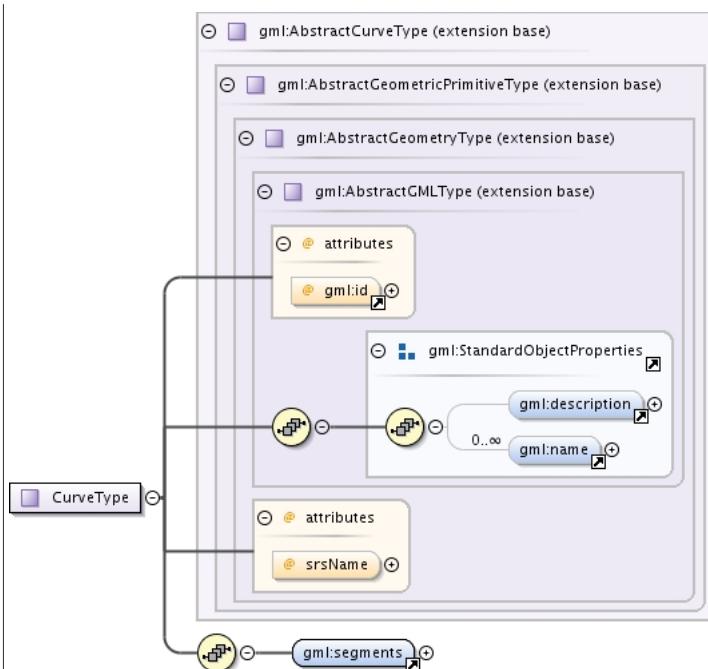
Complex Type gml:MultiSurfacePropertyType

Namespace	http://www.opengis.net/gml	
Annotations		
Diagram		
Model	gml:MultiSurface	
Children	gml:MultiSurface	
Source		<pre><complexType name="MultiSurfacePropertyType"> <annotation> <documentation></documentation> </annotation> <sequence> <element ref="gml:MultiSurface" /> </sequence> </complexType></pre>

Complex Type gml:CurveType

Namespace	http://www.opengis.net/gml	
Annotations		

Diagram



Type	extension of gml:AbstractCurveType
------	------------------------------------

Type hierarchy	<ul style="list-style-type: none"> • gml:AbstractGMLType • gml:AbstractGeometryType • gml:AbstractGeometricPrimitiveType • gml:AbstractCurveType • gml:CurveType
----------------	---

Used by	Element
	gml:Curve

Model	gml:description{0,1} , gml:name* , gml:segments
-------	---

Children	gml:description, gml:name, gml:segments
----------	---

Attributes	QName	Type	Fixed	Default	Use
	gml:id	ID			optional
	srsName	anyURI			optional

Source	<pre> <complexType name="CurveType"> <annotation> <documentation></documentation> </annotation> <complexContent> <extension base="gml:AbstractCurveType"> <sequence> <element ref="gml:segments"> <annotation> <documentation></documentation> </annotation> </element> </sequence> </extension> </complexContent> </complexType> </pre>
--------	--

```

        </extension>
    </complexContent>
</complexType>

```

Complex Type `gml:CurveSegmentArrayPropertyType`

Namespace	http://www.opengis.net/gml
Annotations	
Diagram	<pre> classDiagram class CurveSegmentArrayPropertyType class _CurveSegment CurveSegmentArrayPropertyType "0..infinity" -- "*" _CurveSegment </pre>
Used by	Element <code>gml:segments</code>
Model	<code>gml:_CurveSegment*</code>
Children	<code>gml:_CurveSegment</code>
Source	<pre> <complexType name="CurveSegmentArrayPropertyType"> <annotation> <documentation></documentation> </annotation> <sequence> <element ref="gml:_CurveSegment" minOccurs="0" maxOccurs="unbounded"/> </sequence> </complexType> </pre>

Complex Type `gml:AbstractCurveSegmentType`

Namespace	http://www.opengis.net/gml
Annotations	
Diagram	<pre> classDiagram class AbstractCurveSegmentType { <<abstract>> } </pre>
Properties	abstract: true
Used by	Element <code>gml:_CurveSegment</code> Complex Type <code>gml:LineStringSegmentType</code>
Model	
Source	<pre> <complexType name="AbstractCurveSegmentType" abstract="true"> <annotation> <documentation></documentation> </annotation> <sequence/> </complexType> </pre>

Complex Type `gml:LineStringSegmentType`

Namespace	http://www.opengis.net/gml
Annotations	
Diagram	<pre> classDiagram class AbstractCurveSegmentType { <<extension base>> } class LineStringSegmentType { <<extension of AbstractCurveSegmentType>> <<attributes>> <<interpolation>> <<gml:posList>> } </pre>
Type	extension of <code>gml:AbstractCurveSegmentType</code>
Type hierarchy	<ul style="list-style-type: none"> • <code>gml:AbstractCurveSegmentType</code> • <code>gml:LineStringSegmentType</code>
Used by	Element <code>gml:LineStringSegment</code>
Model	<code>gml:posList</code>

Children	gml:posList					
Attributes	QName	Type	Fixed	Default	Use	
	interpolation	gml:CurveInterpolationType				optional
Source	<pre><complexType name="LineStringSegmentType"> <annotation> <documentation></documentation> </annotation> <complexContent> <extension base="gml:AbstractCurveSegmentType"> <sequence> <element ref="gml:posList" /> </sequence> <attribute name="interpolation" type="gml:CurveInterpolationType" fixed="linear"> <annotation> <documentation></documentation> </annotation> </attribute> </extension> </complexContent> </complexType></pre>					

Complex Type gml:AbstractSurfacePatchType

Namespace	http://www.opengis.net/gml	
Annotations		
Diagram		
Properties	abstract: true	
Used by	Element gml:_SurfacePatch Complex Type gml:PolygonPatchType	
Model		
Source	<pre><complexType name="AbstractSurfacePatchType" abstract="true"> <annotation> <documentation></documentation> </annotation> <sequence/> </complexType></pre>	

Complex Type gml:SurfacePatchArrayPropertyType

Namespace	http://www.opengis.net/gml	
Annotations		
Diagram		
Used by	Element gml:patches	
Model	gml:_SurfacePatch*	
Children	gml:_SurfacePatch	
Source	<pre><complexType name="SurfacePatchArrayPropertyType"> <annotation> <documentation></documentation> </annotation> <sequence> <element ref="gml:_SurfacePatch" minOccurs="0" maxOccurs="unbounded" /> </sequence> </complexType></pre>	

Complex Type gml:PolygonPatchType

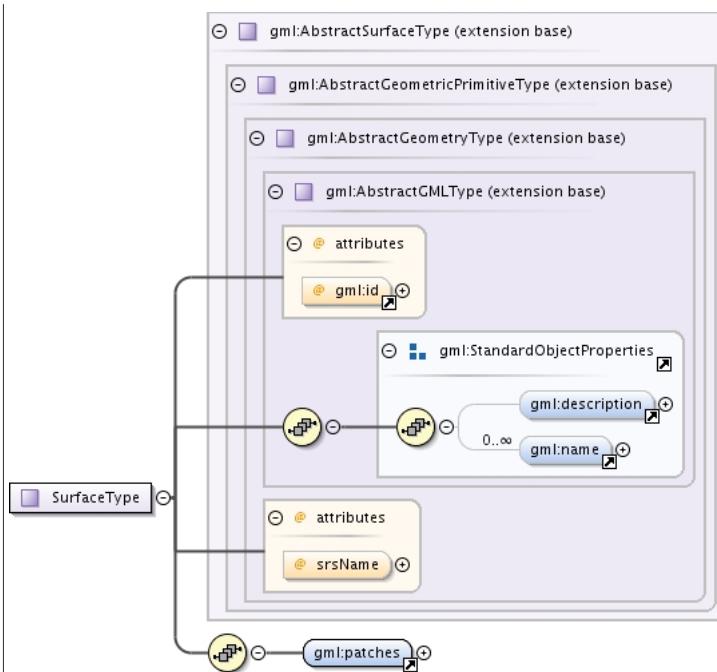
Namespace	http://www.opengis.net/gml	
Annotations		

Annotations											
Diagram	<pre> classDiagram class gml:AbstractSurfacePatchType { <<extension base>> <<attributes>> @ interpolation <<children>> gml:exterior 0..> gml:interior } class gml:PolygonPatchType { <<extension of gml:AbstractSurfacePatchType>> } gml:AbstractSurfacePatchType "1" -- "1" gml:PolygonPatchType </pre>										
Type	extension of gml:AbstractSurfacePatchType										
Type hierarchy	<ul style="list-style-type: none"> • gml:AbstractSurfacePatchType <ul style="list-style-type: none"> • gml:PolygonPatchType 										
Used by	Element gml:PolygonPatch										
Model	gml:exterior{0,1}, gml:interior*										
Children	gml:exterior, gml:interior										
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>interpolation</td> <td>gml:SurfaceInterpolationType</td> <td></td> <td></td> <td>optional</td> </tr> </tbody> </table>	QName	Type	Fixed	Default	Use	interpolation	gml:SurfaceInterpolationType			optional
QName	Type	Fixed	Default	Use							
interpolation	gml:SurfaceInterpolationType			optional							
Source	<pre> <complexType name="PolygonPatchType"> <annotation> <documentation></documentation> </annotation> <complexContent> <extension base="gml:AbstractSurfacePatchType"> <sequence> <element ref="gml:exterior" minOccurs="0"/> <element ref="gml:interior" minOccurs="0" maxOccurs="unbounded"/> </sequence> <attribute name="interpolation" type="gml:SurfaceInterpolationType" fixed="planar"> <annotation> <documentation></documentation> </annotation> </attribute> </extension> </complexContent> </complexType> </pre>										

Complex Type gml:SurfaceType

Namespace	http://www.opengis.net/gml
Annotations	

Diagram



Type	extension of gml:AbstractSurfaceType															
Type hierarchy	<ul style="list-style-type: none"> • gml:AbstractGMLType <ul style="list-style-type: none"> • gml:AbstractGeometryType • gml:AbstractGeometricPrimitiveType • gml:AbstractSurfaceType • gml:SurfaceType 															
Used by	Element gml:Surface															
Model	gml:description{0,1} , gml:name* , gml:patches															
Children	gml:description, gml:name, gml:patches															
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>gml:id</td><td>ID</td><td></td><td></td><td>optional</td></tr> <tr> <td>srsName</td><td>anyURI</td><td></td><td></td><td>optional</td></tr> </tbody> </table>	QName	Type	Fixed	Default	Use	gml:id	ID			optional	srsName	anyURI			optional
QName	Type	Fixed	Default	Use												
gml:id	ID			optional												
srsName	anyURI			optional												
Source	<pre> <complexType name="SurfaceType"> <annotation> <documentation></documentation> </annotation> <complexContent> <extension base="gml:AbstractSurfaceType"> <sequence> <element ref="gml:patches"> <annotation> <documentation></documentation> </annotation> </element> </sequence> </extension> </complexContent> </pre>															

```

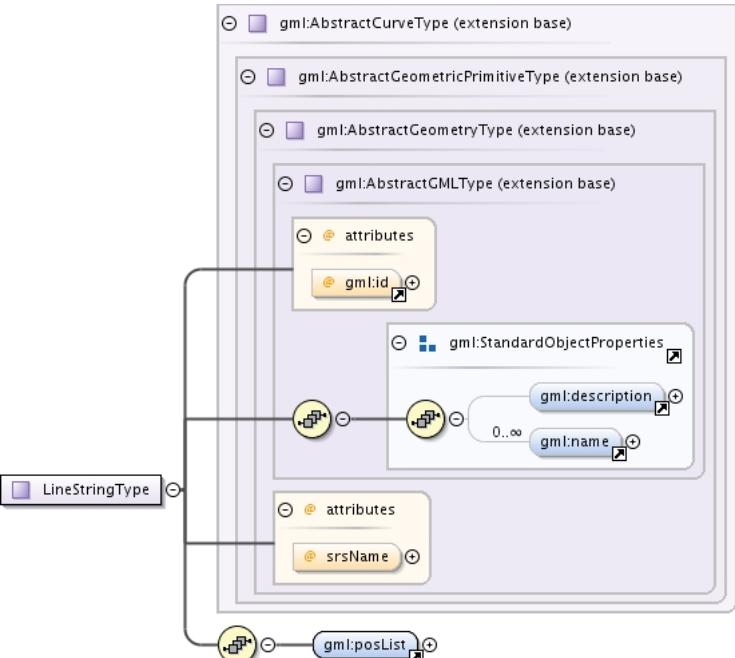
        </extension>
    </complexContent>
</complexType>

```

Complex Type `gml:Geometry.PropertyType`

Namespace	http://www.opengis.net/gml
Annotations	
Diagram	
Model	<code>gml:_Geometry</code>
Children	<code>gml:_Geometry</code>
Source	<pre> <complexType name="Geometry.PropertyType"> <annotation> <documentation></documentation> </annotation> <sequence> <element ref="gml:_Geometry"/> </sequence> </complexType> </pre>

Complex Type `gml:LineStringType`

Namespace	http://www.opengis.net/gml
Annotations	
Diagram	
Type	extension of <code>gml:AbstractCurveType</code>
Type hierarchy	<ul style="list-style-type: none"> • <code>gml:AbstractGMLType</code> • <code>gml:AbstractGeometryType</code> • <code>gml:AbstractGeometricPrimitiveType</code> • <code>gml:AbstractCurveType</code> • <code>gml:LineStringType</code>
Used by	Element <code>gml:LineString</code>
Model	<code>gml:description{0,1}</code> , <code>gml:name*</code> , <code>gml:posList</code>
Children	<code>gml:description</code> , <code>gml:name</code> , <code>gml:posList</code>

Attributes	QName	Type	Fixed	Default	Use
	gml:id	ID			optional
	srsName	anyURI			optional
Source	<complexType name="LineStringType"> <annotation> <documentation></documentation> </annotation> <complexContent> <extension base="gml:AbstractCurveType"> <sequence> <element ref="gml:posList" /> </sequence> </extension> </complexContent> </complexType>				

Complex Type gml:EnvelopeType

Namespace	http://www.opengis.net/gml								
Annotations									
Diagram	<pre> classDiagram class EnvelopeType class attributes { srsName } lowerCorner upperCorner EnvelopeType "1..*" attributes "1" lowerCorner "1" upperCorner "1" EnvelopeType --> attributes attributes --> srsName EnvelopeType --> lowerCorner lowerCorner --> upperCorner </pre>								
Used by	Element	gml:Envelope							
Model	gml:lowerCorner , gml:upperCorner								
Children	gml:lowerCorner, gml:upperCorner								
Attributes	QName	Type	Fixed	Default	Use				
	srsName	anyURI			required				
Source	<complexType name="EnvelopeType"> <annotation> <documentation></documentation> </annotation> <sequence> <element name="lowerCorner" type="gml:DirectPositionType"/> <element name="upperCorner" type="gml:DirectPositionType"/> </sequence> <attribute name="srsName" type="anyURI" use="required"> <annotation> <documentation></documentation> </annotation> </attribute> </complexType>								

```
</attribute>
</complexType>
```

Complex Type `gml:AbstractFeatureType`

Namespace	http://www.opengis.net/gml										
Annotations											
Diagram	<p>The diagram illustrates the inheritance structure of the <code>gml:AbstractFeatureType</code> complex type. It starts with <code>gml:AbstractFeatureBaseType</code> (extension base) at the top, which has an <code>attributes</code> section containing the <code>gml:id</code> attribute. Below it is <code>gml:AbstractGMLType</code> (restriction base), also with an <code>attributes</code> section containing <code>gml:id</code>. This type has two <code>gml:StandardObjectProperties</code> sections, each containing <code>gml:description</code> and <code>gml:name</code> elements. At the bottom is <code>gml:AbstractFeatureType</code>, which also has its own <code>gml:StandardObjectProperties</code> section with <code>gml:description</code> and <code>gml:name</code>, and an additional <code>gml:boundedBy</code> element.</p>										
Type	extension of <code>gml:AbstractFeatureBaseType</code>										
Type hierarchy	<ul style="list-style-type: none"> • <code>gml:AbstractGMLType</code> <ul style="list-style-type: none"> • <code>gml:AbstractFeatureBaseType</code> <ul style="list-style-type: none"> • <code>gml:AbstractFeatureType</code> 										
Properties	abstract: true										
Used by	Element <code>gml:_Feature</code>										
Model	<code>gml:description{0,1}</code> , <code>gml:name*</code> , <code>gml:boundedBy{0,1}</code>										
Children	<code>gml:boundedBy</code> , <code>gml:description</code> , <code>gml:name</code>										
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><code>gml:id</code></td><td>ID</td><td></td><td></td><td>required</td></tr> </tbody> </table>	QName	Type	Fixed	Default	Use	<code>gml:id</code>	ID			required
QName	Type	Fixed	Default	Use							
<code>gml:id</code>	ID			required							
Source	<pre><complexType name="AbstractFeatureType" abstract="true"> <annotation> <documentation></documentation> </annotation> <complexContent> <extension base="gml:AbstractFeatureBaseType"> <sequence> <element ref="gml:boundedBy" minOccurs="0"/> <!-- additional properties must be specified in an application schema --> </sequence> </extension> </complexContent> </complexType></pre>										

</complexType>

Complex Type `gml:AbstractFeature BaseType`

Namespace	http://www.opengis.net/gml										
Annotations											
Diagram	<pre> classDiagram class gml:AbstractGMLType { <<restriction base=">> <<attributes>> @gml:id </attributes> <<gml:StandardObjectProperties>> gml:description gml:name </gml:StandardObjectProperties> } class gml:AbstractFeatureBaseType { <<restriction of=gml:AbstractGMLType>> <<attributes>> @gml:id </attributes> <<gml:StandardObjectProperties>> gml:description gml:name </gml:StandardObjectProperties> } gml:AbstractGMLType < -- gml:AbstractFeatureBaseType </pre>										
Type	restriction of <code>gml:AbstractGMLType</code>										
Type hierarchy	<ul style="list-style-type: none"> • <code>gml:AbstractGMLType</code> • <code>gml:AbstractFeatureBaseType</code> 										
Used by	Complex Type <code>gml:AbstractFeatureType</code>										
Model	<code>gml:description{0,1}</code> , <code>gml:name*</code>										
Children	<code>gml:description</code> , <code>gml:name</code>										
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><code>gml:id</code></td> <td>ID</td> <td></td> <td></td> <td>required</td> </tr> </tbody> </table>	QName	Type	Fixed	Default	Use	<code>gml:id</code>	ID			required
QName	Type	Fixed	Default	Use							
<code>gml:id</code>	ID			required							
Source	<pre> <complexType name="AbstractFeatureBaseType"> <annotation> <documentation></documentation> </annotation> <complexContent> <restriction base="gml:AbstractGMLType"> <sequence> <group ref="gml:StandardObjectProperties"/> </sequence> <attribute ref="gml:id" use="required"/> </restriction> </complexContent> </complexType> </pre>										

Complex Type `gml:BoundingShapeType`

Namespace	http://www.opengis.net/gml
Annotations	
Diagram	<pre> classDiagram class gml:Envelope class gml:BoundingShapeType gml:BoundingShapeType --> gml:Envelope </pre>
Used by	Element <code>gml:boundedBy</code>
Model	<code>gml:Envelope</code>

Children	gml:Envelope
Source	<pre><complexType name="BoundingShapeType"> <annotation> <documentation></documentation> </annotation> <sequence> <element ref="gml:Envelope"/> </sequence> </complexType></pre>

Complex Type gml:ReferenceType

Namespace	http://www.opengis.net/gml																																												
Annotations																																													
Diagram	<pre> classDiagram class ReferenceType { <<AssociationAttributeGroup>> } class AssociationAttributeGroup { <<attributes>> } ReferenceType < -- AssociationAttributeGroup </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>xlink:actuate</td> <td>restriction of string</td> <td></td> <td></td> <td>optional</td> </tr> <tr> <td>xlink:arcrole</td> <td>anyURI</td> <td></td> <td></td> <td>optional</td> </tr> <tr> <td>xlink:href</td> <td>anyURI</td> <td></td> <td></td> <td>optional</td> </tr> <tr> <td>xlink:role</td> <td>anyURI</td> <td></td> <td></td> <td>optional</td> </tr> <tr> <td>xlink:show</td> <td>restriction of string</td> <td></td> <td></td> <td>optional</td> </tr> <tr> <td>xlink:title</td> <td>string</td> <td></td> <td></td> <td>optional</td> </tr> <tr> <td>xlink:type</td> <td>string</td> <td>simple</td> <td></td> <td>optional</td> </tr> </tbody> </table>	QName	Type	Fixed	Default	Use	xlink:actuate	restriction of string			optional	xlink:arcrole	anyURI			optional	xlink:href	anyURI			optional	xlink:role	anyURI			optional	xlink:show	restriction of string			optional	xlink:title	string			optional	xlink:type	string	simple		optional				
QName	Type	Fixed	Default	Use																																									
xlink:actuate	restriction of string			optional																																									
xlink:arcrole	anyURI			optional																																									
xlink:href	anyURI			optional																																									
xlink:role	anyURI			optional																																									
xlink:show	restriction of string			optional																																									
xlink:title	string			optional																																									
xlink:type	string	simple		optional																																									
Source	<pre><complexType name="ReferenceType"> <annotation> <documentation></documentation> </annotation> <attributeGroup ref="gml:AssociationAttributeGroup"/> </complexType></pre>																																												

Complex Type gml:MeasureType

Namespace	http://www.opengis.net/gml				
Annotations					
Diagram	<pre> classDiagram class MeasureType { <<double>> <<attributes>> <<uom>> } class double { <<attributes>> } class attributes { <<uom>> } MeasureType < -- double MeasureType < -- attributes </pre>				
Type	extension of double				

Attributes	QName	Type	Fixed	Default	Use
	uom	anyURI			required
Source	<pre><complexType name="MeasureType"> <annotation> <documentation></documentation> </annotation> <simpleContent> <extension base="double"> <attribute name="uom" type="anyURI" use="required"/> </extension> </simpleContent> </complexType></pre>				

Simple Type(s)

Simple Type **gml:doubleList**

Namespace	http://www.opengis.net/gml				
Annotations					
Diagram	<pre> classDiagram class doubleList class double doubleList "1" -- "0..1" double </pre>				
Type	list of double				
Used by	Complex Types gml:DirectPositionListType, gml:DirectPositionType				
Source	<pre><simpleType name="doubleList"> <annotation> <documentation></documentation> </annotation> <list itemType="double"/> </simpleType></pre>				

Simple Type **gml:CurveInterpolationType**

Namespace	http://www.opengis.net/gml				
Annotations					
Diagram	<pre> classDiagram class CurveInterpolationType class string CurveInterpolationType "1" -- "0..1" string </pre>				
Type	restriction of string				
Facets	enumeration linear				
Used by	Attribute gml:LineStringSegmentType/@interpolation				
Source	<pre><simpleType name="CurveInterpolationType"> <annotation> <documentation></documentation> </annotation> <restriction base="string"> <enumeration value="linear"/> </restriction> </simpleType></pre>				

Simple Type **gml:SurfaceInterpolationType**

Namespace	http://www.opengis.net/gml				
Annotations					
Diagram	<pre> classDiagram class SurfaceInterpolationType class string SurfaceInterpolationType "1" -- "0..1" string </pre>				
Type	restriction of string				
Facets	enumeration planar				
Used by	Attribute gml:PolygonPatchType/@interpolation				
Source	<pre><simpleType name="SurfaceInterpolationType"> <annotation> <documentation></documentation> </annotation></pre>				

```

</annotation>
<restriction base="string">
  <enumeration value="planar"/>
</restriction>
</simpleType>

```

Simple Type `gml:NCNameList`

Namespace	http://www.opengis.net/gml
Annotations	
Diagram	
Type	list of NCName
Source	<pre> <simpleType name="NCNameList"> <annotation> <documentation></documentation> </annotation> <list itemType="NCName" /> </simpleType> </pre>

Attribute(s)

Attribute `@gml:id`

Namespace	http://www.opengis.net/gml
Annotations	
Type	ID
Properties	content: simple
Used by	Complex Types <code>gml:AbstractFeatureBaseType, gml:AbstractGMLType</code>
Source	<pre> <attribute name="id" type="ID"> <annotation> <documentation></documentation> </annotation> </attribute> </pre>

Element Group(s)

Element Group `gml:StandardObjectProperties`

Namespace	http://www.opengis.net/gml
Annotations	
Diagram	
Used by	Complex Types <code>gml:AbstractCurveType, gml:AbstractFeatureBaseType, gml:AbstractFeatureType, gml:AbstractGMLType, gml:AbstractGeometricAggregateType, gml:AbstractGeometricPrimitiveType, gml:AbstractGeometryType, gml:AbstractSurfaceType, gml:CurveType, gml:LineStringType, gml:LinearRingType, gml:MultiCurveType, gml:MultiPointType, gml:MultiSurfaceType, gml:PointType, gml:PolygonType, gml:SurfaceType</code>
Model	<code>gml:description{0,1}, gml:name*</code>
Children	<code>gml:description, gml:name</code>
Source	<pre> <group name="StandardObjectProperties"> <annotation> <documentation></documentation> </annotation> <sequence> </pre>

```

<element ref="gml:description" minOccurs="0" />
<element ref="gml:name" minOccurs="0" maxOccurs="unbounded">
  <annotation>
    <documentation></documentation>
  </annotation>
</element>
</sequence>
</group>

```

Attribute Group(s)

Attribute Group gml:AssociationAttributeGroup

Namespace	http://www.opengis.net/gml																																												
Annotations																																													
Diagram	<pre> classDiagram class AssociationAttributeGroup { <<xlink:simpleLink>> @type @xlink:href @xlink:role @xlink:arcrole @xlink:title @xlink:show @xlink:actuate } </pre>																																												
Used by	Complex Type gml:ReferenceType																																												
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>xlink:actuate</td> <td>restriction of string</td> <td></td> <td></td> <td>optional</td> </tr> <tr> <td>xlink:arcrole</td> <td>anyURI</td> <td></td> <td></td> <td>optional</td> </tr> <tr> <td>xlink:href</td> <td>anyURI</td> <td></td> <td></td> <td>optional</td> </tr> <tr> <td>xlink:role</td> <td>anyURI</td> <td></td> <td></td> <td>optional</td> </tr> <tr> <td>xlink:show</td> <td>restriction of string</td> <td></td> <td></td> <td>optional</td> </tr> <tr> <td>xlink:title</td> <td>string</td> <td></td> <td></td> <td>optional</td> </tr> <tr> <td>xlink:type</td> <td>string</td> <td>simple</td> <td></td> <td>optional</td> </tr> </tbody> </table>					QName	Type	Fixed	Default	Use	xlink:actuate	restriction of string			optional	xlink:arcrole	anyURI			optional	xlink:href	anyURI			optional	xlink:role	anyURI			optional	xlink:show	restriction of string			optional	xlink:title	string			optional	xlink:type	string	simple		optional
QName	Type	Fixed	Default	Use																																									
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xlink:href	anyURI			optional																																									
xlink:role	anyURI			optional																																									
xlink:show	restriction of string			optional																																									
xlink:title	string			optional																																									
xlink:type	string	simple		optional																																									
Source	<pre> <attributeGroup name="AssociationAttributeGroup"> <annotation> <documentation></documentation> </annotation> <attributeGroup ref="xlink:simpleLink"/> </attributeGroup> </pre>																																												

Namespace: ""**Attribute(s)****Attribute controlledVoc / @normalStd**

Namespace	No namespace
Annotations	
Used by	Complex Type controlledVoc
Source	<pre><xs:attribute name="normalStd"> <xs:annotation> <xs:documentation xml:lang="EN"></xs:documentation> </xs:annotation> </xs:attribute></pre>

Attribute controlledVoc / @normalId

Namespace	No namespace
Annotations	
Used by	Complex Type controlledVoc
Source	<pre><xs:attribute name="normalId"> <xs:annotation> <xs:documentation xml:lang="EN"></xs:documentation> </xs:annotation> </xs:attribute></pre>

Attribute controlledVoc / @normal

Namespace	No namespace
Annotations	
Used by	Complex Type controlledVoc
Source	<pre><xs:attribute name="normal"> <xs:annotation> <xs:documentation xml:lang="EN"></xs:documentation> </xs:annotation> </xs:attribute></pre>

Attribute controlledVoc / @lang

Namespace	No namespace
Annotations	
Type	xs:language
Properties	use: optional
Used by	Complex Type controlledVoc
Source	<pre><xs:attribute name="lang" type="xs:language" use="optional"> <xs:annotation> <xs:documentation xml:lang="EN"></xs:documentation> </xs:annotation> </xs:attribute></pre>

Attribute dateTime / @certainty

Namespace	No namespace
Type	certainty
Properties	use: optional
Facets	enumeration unknown
	enumeration exact
	enumeration approximately
	enumeration after
	enumeration before

Used by	Complex Type	dateTime
Source	<xs:attribute name="certainty" type="certainty" use="optional"/>	

Attribute date / @certainty

Namespace	No namespace	
Type	certainty	
Properties	use: optional	
Facets	enumeration	unknown
	enumeration	exact
	enumeration	approximately
	enumeration	after
	enumeration	before
Used by	Complex Type	date
Source	<xs:attribute name="certainty" type="certainty" use="optional"/>	

Attribute year / @certainty

Namespace	No namespace	
Type	certainty	
Properties	use: optional	
Facets	enumeration	unknown
	enumeration	exact
	enumeration	approximately
	enumeration	after
	enumeration	before
Used by	Complex Type	year
Source	<xs:attribute name="certainty" type="certainty" use="optional"/>	

Attribute year / @suffix

Namespace	No namespace	
Type	datingSuffix	
Properties	use: required	
Facets	enumeration	AD
	enumeration	BC
	enumeration	BP
	enumeration	relative
Used by	Complex Type	year
Source	<xs:attribute name="suffix" use="required" type="datingSuffix"/>	

Attribute identifier / @domain

Namespace	No namespace	
Annotations		
Properties	use: required	
Used by	Element	identifier
Source	<xs:attribute name="domain" use="required"> <xs:annotation> <xs:documentation xml:lang="EN"></xs:documentation> </xs:annotation> </xs:attribute>	

Attribute seriesLink / idRef / @ref

Namespace	No namespace
Type	xs:IDREF
Properties	content: simple
Used by	Element seriesLink/idRef
Source	<xs:attribute name="ref" type="xs:IDREF"/>

Attribute gml:CodeType / @codeSpace

Namespace	No namespace
Type	anyURI
Properties	use: optional
Used by	Complex Type gml:CodeType
Source	<attribute name="codeSpace" type="anyURI" use="optional"/>

Attribute gml:AbstractGeometryType / @srsName

Namespace	No namespace
Annotations	
Type	anyURI
Properties	use: optional
Used by	Complex Type gml:AbstractGeometryType
Source	<attribute name="srsName" type="anyURI" use="optional"> <annotation> <documentation></documentation> </annotation> </attribute>

Attribute genericField / @name

Namespace	No namespace
Annotations	
Properties	use: required
Used by	Element genericField
Source	<xs:attribute name="name" use="required"> <xs:annotation> <xs:documentation></xs:documentation> </xs:annotation> </xs:attribute>

Attribute genericField / @type

Namespace	No namespace
Annotations	
Type	restriction of xs:string
Properties	use: optional
Facets	enumeration xs:string enumeration xs:boolean enumeration xs:int

	enumeration	xs:float
	enumeration	xs:date
	enumeration	xs:dateTime
	enumeration	xs:duration
Used by	Element	genericField
Source	<pre><xs:attribute name="type" use="optional"> <xs:annotation> <xs:documentation></xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:enumeration value="xs:string"/> <xs:enumeration value="xs:boolean"/> <xs:enumeration value="xs:int"/> <xs:enumeration value="xs:float"/> <xs:enumeration value="xs:date"/> <xs:enumeration value="xs:dateTime"/> <xs:enumeration value="xs:duration"/> </xs:restriction> </xs:simpleType> </xs:attribute></pre>	

Attribute laboratory / name / @acronym

Namespace	No namespace
Annotations	
Properties	use: optional
Used by	Element laboratory/name
Source	<pre><xs:attribute name="acronym" use="optional"> <xs:annotation> <xs:documentation></xs:documentation> </xs:annotation> </xs:attribute></pre>

Attribute shape / @normalTridas

Namespace	No namespace																								
Type	normalTridasShape																								
Properties	content: simple																								
Facets	<table border="1"> <tr> <td>enumeration</td><td>whole section</td></tr> <tr> <td>enumeration</td><td>half section</td></tr> <tr> <td>enumeration</td><td>third section</td></tr> <tr> <td>enumeration</td><td>quarter section</td></tr> <tr> <td>enumeration</td><td>wedge where radius is smaller than circumference</td></tr> <tr> <td>enumeration</td><td>wedge where radius equals the circumference</td></tr> <tr> <td>enumeration</td><td>wedge where radius is bigger than the circumference</td></tr> <tr> <td>enumeration</td><td>beam straightened on one side</td></tr> <tr> <td>enumeration</td><td>squared beam from whole section</td></tr> <tr> <td>enumeration</td><td>squared beam from half section</td></tr> <tr> <td>enumeration</td><td>squared beam from quarter section</td></tr> <tr> <td>enumeration</td><td>plank cut on one side</td></tr> </table>	enumeration	whole section	enumeration	half section	enumeration	third section	enumeration	quarter section	enumeration	wedge where radius is smaller than circumference	enumeration	wedge where radius equals the circumference	enumeration	wedge where radius is bigger than the circumference	enumeration	beam straightened on one side	enumeration	squared beam from whole section	enumeration	squared beam from half section	enumeration	squared beam from quarter section	enumeration	plank cut on one side
enumeration	whole section																								
enumeration	half section																								
enumeration	third section																								
enumeration	quarter section																								
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enumeration	squared beam from whole section																								
enumeration	squared beam from half section																								
enumeration	squared beam from quarter section																								
enumeration	plank cut on one side																								

	enumeration	radial plank through pith
	enumeration	radial plank up to pith
	enumeration	tangential plank not including pith with breadth larger than a quarter section
	enumeration	plank not including pith with breadth smaller than a quarter section
	enumeration	small part of section
	enumeration	part of undetermined section
	enumeration	unknown
	enumeration	other
Used by	Element	shape
Source	<xs:attribute name="normalTridas" type="normalTridasShape"/>	

Attribute unit / @normalTridas

Namespace	No namespace	
Type	normalTridasUnit	
Properties	content: simple	
Facets	enumeration micrometres enumeration 1/100th millimetres enumeration 1/50th millimetres enumeration 1/20th millimetres enumeration 1/10th millimetres enumeration millimetres enumeration centimetres enumeration metres	
Used by	Element	unit
Source	<xs:attribute name="normalTridas" type="normalTridasUnit"/>	

Attribute pith / @presence

Namespace	No namespace	
Type	complexPresenceAbsence	
Properties	use: required	
Facets	enumeration unknown enumeration not applicable enumeration absent enumeration complete enumeration incomplete	
Used by	Element	pith
Source	<xs:attribute name="presence" use="required" type="complexPresenceAbsence"/>	

Attribute heartwood / @presence

Namespace	No namespace	
Type	complexPresenceAbsence	

Properties	use:	required
Facets	enumeration	unknown
	enumeration	not applicable
	enumeration	absent
	enumeration	complete
	enumeration	incomplete
Used by	Element	heartwood
Source	<xs:attribute name="presence" use="required" type="complexPresenceAbsence"/>	

Attribute lastRingUnderBark / @presence

Namespace	No namespace
Type	presenceAbsence
Properties	use: required
Facets	enumeration present
	enumeration absent
	enumeration unknown
Used by	Element lastRingUnderBark
Source	<xs:attribute name="presence" type="presenceAbsence" use="required"/>

Attribute sapwood / @presence

Namespace	No namespace
Annotations	
Type	complexPresenceAbsence
Properties	use: required
Facets	enumeration unknown
	enumeration not applicable
	enumeration absent
	enumeration complete
	enumeration incomplete
Used by	Element sapwood
Source	<xs:attribute name="presence" use="required" type="complexPresenceAbsence"> <xs:annotation> <xs:documentation xml:lang="EN"></xs:documentation> </xs:annotation>

Attribute bark / @presence

Namespace	No namespace
Type	presenceAbsence
Properties	use: required
Facets	enumeration present
	enumeration absent
	enumeration unknown
Used by	Element bark
Source	<xs:attribute name="presence" use="required" type="presenceAbsence"/>

Attribute measuringMethod / @normalTridas

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

Annotations		
Type	normalTridasMeasuringMethod	
Properties	content: simple	
Facets	enumeration	measuring platform
	enumeration	hand lens and graticule
	enumeration	onscreen measuring
	enumeration	visual estimate
Used by	Element	measuringMethod
Source	<pre><xs:attribute name="normalTridas" type="normalTridasMeasuringMethod"> <xs:annotation> <xs:documentation></xs:documentation> </xs:annotation> </xs:attribute></pre>	

Attribute dating / @type

Namespace	No namespace	
Annotations		
Type	normalTridasDatingType	
Properties	use: required	
Facets	enumeration	absolute
	enumeration	dated with uncertainty
	enumeration	relative
	enumeration	radiocarbon
Used by	Element	dating
Source	<pre><xs:attribute name="type" type="normalTridasDatingType" use="required"> <xs:annotation> <xs:documentation xml:lang="EN"></xs:documentation> </xs:annotation> </xs:attribute></pre>	

Attribute variable / @normalTridas

Namespace	No namespace	
Type	normalTridasVariable	
Properties	content: simple	
Facets	enumeration	ring width
	enumeration	earlywood width
	enumeration	latewood width
	enumeration	ring density
	enumeration	earlywood density
	enumeration	latewood density
	enumeration	maximum density
	enumeration	latewood percent
	enumeration	vessel size
Used by	Element	variable
Source	<xs:attribute name="normalTridas" type="normalTridasVariable" />	

Attribute remark / @normalTridas

Namespace	No namespace	
Annotations		
Type	normalTridasRemark	

Properties	content:	simple
Facets	enumeration	fire damage
	enumeration	frost damage
	enumeration	crack
	enumeration	false ring(s)
	enumeration	compression wood
	enumeration	tension wood
	enumeration	traumatic ducts
	enumeration	unspecified injury
	enumeration	single pinned
	enumeration	double pinned
	enumeration	triple pinned
	enumeration	missing ring
	enumeration	radius shift up
	enumeration	radius shift down
	enumeration	moon ring(s)
	enumeration	diffuse latewood
	enumeration	density fluctuation
	enumeration	wide late wood
	enumeration	wide early wood
Used by	Element	remark
Source	<xs:attribute name="normalTridas" type="normalTridasRemark"> <xs:annotation> <xs:documentation xml:lang="EN"></xs:documentation> </xs:annotation> </xs:attribute>	

Attribute remark / @inheritedCount

Namespace	No namespace
Annotations	
Type	xs:int
Properties	content: simple
Used by	Element remark
Source	<xs:attribute name="inheritedCount" type="xs:int"> <xs:annotation> <xs:documentation xml:lang="EN"></xs:documentation> </xs:annotation> </xs:attribute>

Attribute value / @value

Namespace	No namespace
Annotations	
Type	xs:string
Properties	use: required
Used by	Element value
Source	<xs:attribute name="value" type="xs:string" use="required"> <xs:annotation> <xs:documentation xml:lang="EN"></xs:documentation> </xs:annotation> </xs:attribute>

Attribute value / @count

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

Annotations		
Type	xs:int	
Properties	use: optional	
Used by	Element	value
Source	<pre><xs:attribute name="count" type="xs:int" use="optional"> <xs:annotation> <xs:documentation xml:lang="EN"></xs:documentation> </xs:annotation> </xs:attribute></pre>	

Attribute baseSeries / @id

Namespace	No namespace	
Type	xs:ID	
Properties	content: simple	
Used by	Complex Type	baseSeries
Source	<pre><xs:attribute name="id" type="xs:ID"/></pre>	

Attribute measurementSeries / @id

Namespace	No namespace	
Type	xs:ID	
Properties	content: simple	
Used by	Element	measurementSeries
Source	<pre><xs:attribute name="id" type="xs:ID"/></pre>	

Attribute derivedSeries / @id

Namespace	No namespace	
Type	xs:ID	
Properties	content: simple	
Used by	Element	derivedSeries
Source	<pre><xs:attribute name="id" type="xs:ID"/></pre>	

Attribute gml:LineStringSegmentType / @interpolation

Namespace	No namespace	
Annotations		
Type	gml:CurveInterpolationType	
Properties	fixed: linear	
Facets	enumeration	linear
Used by	Complex Type	gml:LineStringSegmentType
Source	<pre><attribute name="interpolation" type="gml:CurveInterpolationType" fixed="linear"> <annotation> <documentation></documentation> </annotation> </attribute></pre>	

Attribute gml:PolygonPatchType / @interpolation

Namespace	No namespace	
Annotations		

Type	gml:SurfaceInterpolationType
Properties	fixed: planar
Facets	enumeration planar
Used by	Complex Type gml:PolygonPatchType
Source	<pre><attribute name="interpolation" type="gml:SurfaceInterpolationType" fixed="planar"> <annotation> <documentation></documentation> </annotation> </attribute></pre>

Attribute gml:EnvelopeType / @srsName

Namespace	No namespace
Annotations	
Type	anyURI
Properties	use: required
Used by	Complex Type gml:EnvelopeType
Source	<pre><attribute name="srsName" type="anyURI" use="required"> <annotation> <documentation></documentation> </annotation> </attribute></pre>

Attribute gml:MeasureType / @uom

Namespace	No namespace
Type	anyURI
Properties	use: required
Used by	Complex Type gml:MeasureType
Source	<pre><attribute name="uom" type="anyURI" use="required"/></pre>