Schema documentation for OSDSpec.xsd

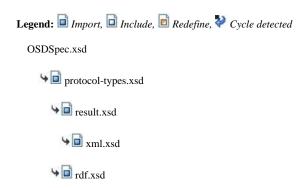
june 27, 2013

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Resource hierarchy:



Namespace: "urn:openiot:osdspec:xsd:1"

Schema(s)

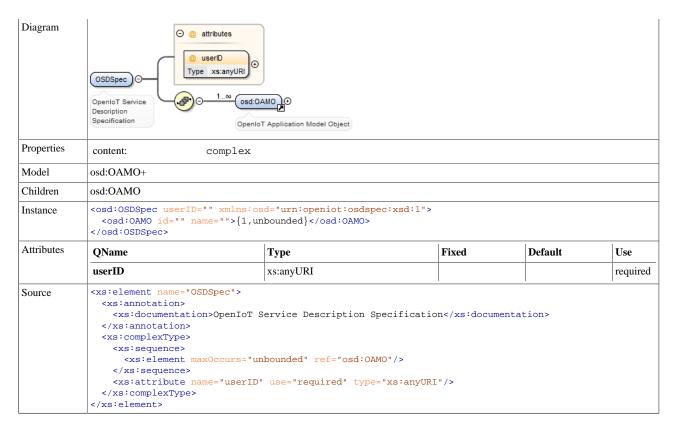
Main schema OSDSpec.xsd

Namespace	urn:openiot:osdspec:xsd:1	
Properties	attribute form default:	unqualified
	element form default:	qualified

Element(s)

Element osd:OSDSpec

Namespace	urn:openiot:osdspec:xsd:1
Annotations	OpenIoT Service Description Specification



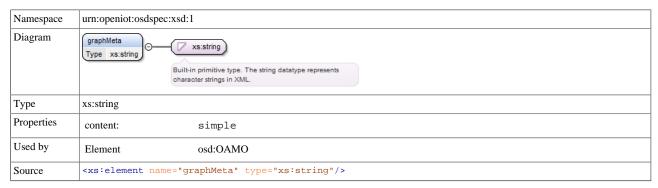
Element osd:OAMO

Namespace	urn:openiot:osdspec:xsd:1				
Annotations	OpenIoT Application Model Object				
Diagram	OAMO O osd:desc OpenIoT Application Model Object OpenIoT Ope	s:string			
Properties	content: complex				
Used by	Element osd:OSDSpec				
Model	osd:description{0,1}, osd:graphMeta{0,1}, osd:OSMO+				
Children	osd:OSMO, osd:description, osd:graphl	Meta			
Instance	<pre><osd:oamo id="" name="" xmlns:osd="urn:openiot:osdspec:xsd:1"> <osd:description>{0,1}</osd:description> <osd:graphmeta>{0,1}</osd:graphmeta> <osd:osmo id="" name="">{1,unbounded}</osd:osmo> </osd:oamo></pre>				
Attributes	QName	Type	Fixed	Default	Use
	id	xs:anyURI			required
	name	xs:NCName			required
Source	<pre><xs:element name="OAMO"> <xs:annotation></xs:annotation></xs:element></pre>		·		·

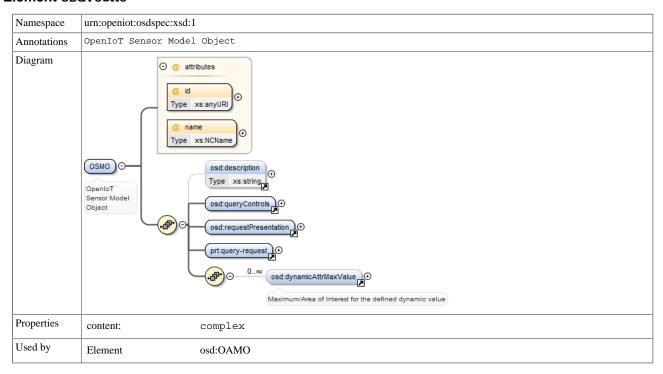
Element osd:description

Namespace	urn:openiot:osdspec:xsd:1
Diagram	description Type xs:string Built-in primitive type. The string datatype represents character strings in XML.
Туре	xs:string
Properties	content: simple
Used by	Elements osd:OAMO, osd:OSMO
Source	<pre><xs:element name="description" type="xs:string"></xs:element></pre>

Element osd:graphMeta

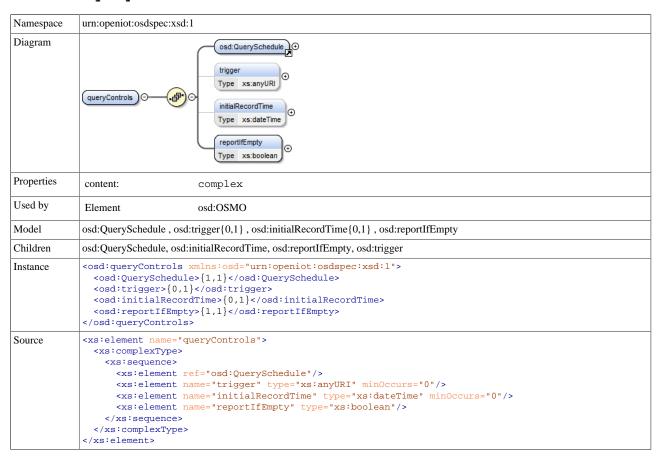


Element osd: OSMO



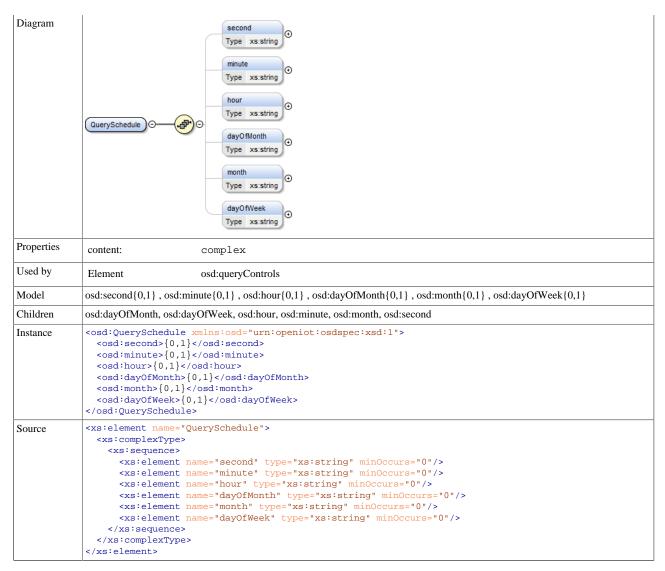
Model	$osd: description \{0,1\} \ , osd: query Controls \ , osd: request Presentation \ , st: query-request \ , osd: dynamic Attr Max Value*$				
Children	osd:description, osd:dynamicAttrMaxValue, osd:queryControls, osd:requestPresentation, st:query-request				
Instance	<pre><osd:osmo id="" name="" xmlns:osd="urn:openiot:osdspec:xsd:1" xmlns:prt="http://www.w3.org/2007/ SPARQL/protocol-types#"></osd:osmo></pre>			rg/2007/	
Attributes	QName	Туре	Fixed	Default	Use
	id	xs:anyURI			required
	name	xs:NCName			required
Source	<pre>name</pre>				

Element osd:queryControls



Element osd:QuerySchedule

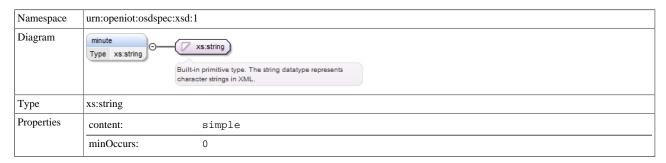
Namespace	urn:openiot:osdspec:xsd:1	
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Element osd:QuerySchedule / osd:second

Namespace	urn:openiot:osdspec:xsd:1
Diagram	Second Type xs:string Built-in primitive type. The string datatype represents character strings in XML.
Туре	xs:string
Properties	content: simple
	minOccurs: 0
Source	<pre><xs:element minoccurs="0" name="second" type="xs:string"></xs:element></pre>

Element osd:QuerySchedule / osd:minute



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

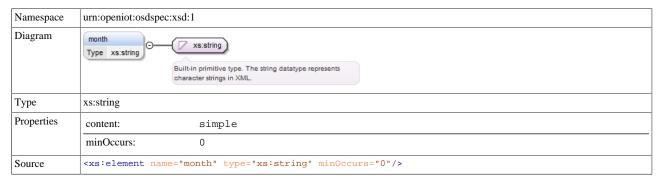
Element osd:QuerySchedule / osd:hour

Namespace	urn:openiot:osdspec:xsd:1
Diagram	Type xs:string Built-in primitive type. The string datatype represents character strings in XML.
Туре	xs:string
Properties	content: simple
	minOccurs: 0
Source	<pre><xs:element minoccurs="0" name="hour" type="xs:string"></xs:element></pre>

Element osd:QuerySchedule / osd:dayOfMonth

Namespace	urn:openiot:osdspec:xsd:1
Diagram	dayOfMonth Type xs:string Built-in primitive type. The string datatype represents character strings in XML.
Туре	xs:string
Properties	content: simple
	minOccurs: 0
Source	<pre><xs:element minoccurs="0" name="dayOfMonth" type="xs:string"></xs:element></pre>

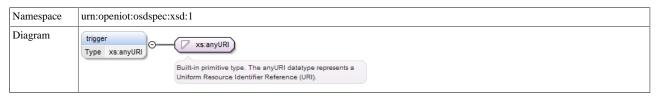
Element osd:QuerySchedule / osd:month



Element osd:QuerySchedule / osd:dayOfWeek



Element osd:queryControls / osd:trigger

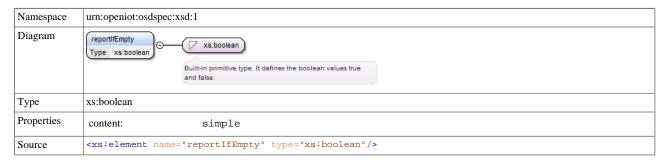


Type	xs:anyURI	
Properties	content:	simple
	minOccurs:	0
Source	<pre><xs:element minoccurs="0" name="trigger" type="xs:anyURI"></xs:element></pre>	

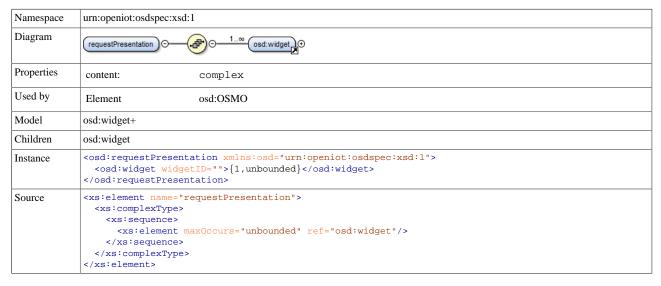
Element osd:queryControls / osd:initialRecordTime

Namespace	urn:openiot:osdspec:xsd:1		
Diagram	initialRecordTime Type xs:dateTime Built-in primitive type. The dateTime datatype represents a specific instant of time.		
Туре	xs:dateTime		
Properties	content: simple		
	minOccurs: 0		
Source	<pre><xs:element minoccurs="0" name="initialRecordTime" type="xs:dateTime"></xs:element></pre>		

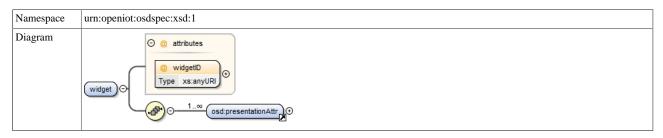
Element osd:queryControls / osd:reportIfEmpty



Element osd:requestPresentation

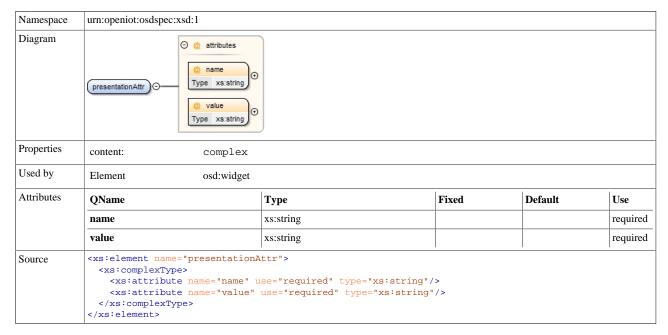


Element osd:widget

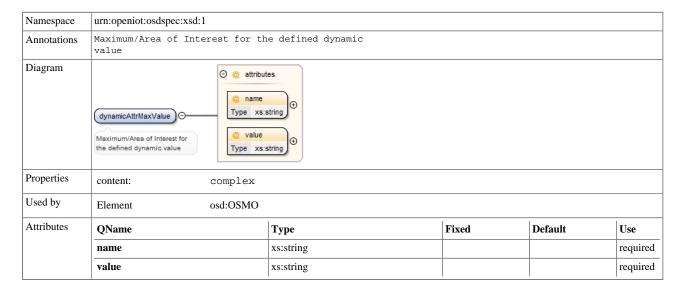


Properties	content: complex					
Used by	Element	Element osd:requestPresentation				
Model	osd:presentationAttr+					
Children	osd:presentationAttr					
Instance	<pre><osd:widget widgetid="" xmlns:osd="urn:openiot:osdspec:xsd:1"> <osd:presentationattr name="" value="">{1,unbounded}</osd:presentationattr> </osd:widget></pre>					
Attributes	QName	Туре	Fixed	Default	Use	
	widgetID	xs:anyURI			required	
Source	<pre><xs:element name="widget"> <xs:complextype> <xs:sequence></xs:sequence></xs:complextype></xs:element></pre>					

Element osd:presentationAttr



Element osd:dynamicAttrMaxValue



Element osd:serviceID

Namespace	urn:openiot:osdspec:xsd:1
Diagram	ServiceID 🗇 ———————————————————————————————————
Properties	content: complex
Model	
Source	<pre><xs:element name="serviceID"> <xs:complextype></xs:complextype></xs:element></pre>

Element osd:serviceName

Namespace	urn:openiot:osdspec:xsd:1
Diagram	serviceName O——
Properties	content: complex
Model	
Source	<pre><xs:element name="serviceName"> <xs:complextype> <xs:sequence> </xs:sequence> </xs:complextype> </xs:element></pre>

Element osd:serviceDescription

Namespace	urn:openiot:osdspec:xsd:1		
Diagram	serviceDescription 🔾 ———————————————————————————————————		
Properties	content: complex		
Model			
Source	<pre><xs:element name="serviceDescription"> <xs:complextype> <xs:sequence> </xs:sequence> </xs:complextype> </xs:element></pre>		

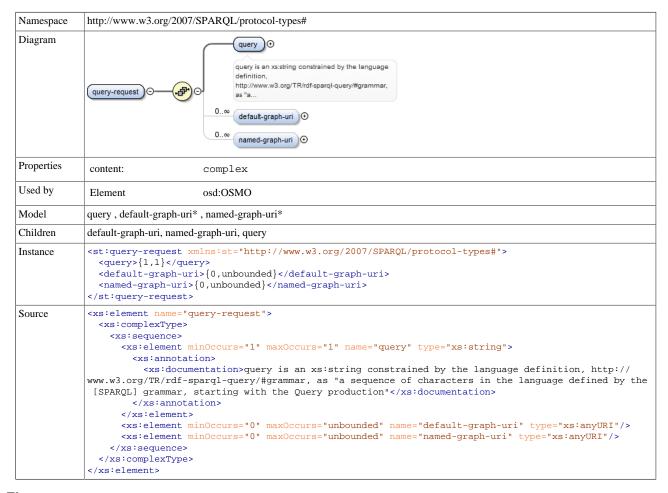
Namespace: "http://www.w3.org/2007/SPARQL/protocol-types#" Schema(s)

Imported schema protocol-types.xsd

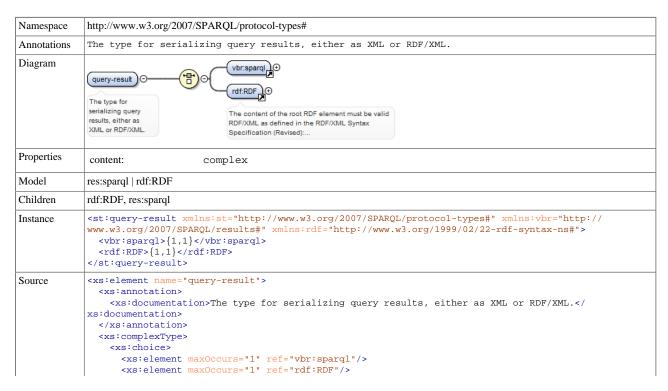
Namespace	http://www.w3.org/2007/SPARQL/protocol-types#		
Properties	attribute form default:	unqualified	
	element form default:	unqualified	
	version: \$Id: protocol-types.xsd,v 1.2 2007/10/17 17:17:35 eric Ex		

Element(s)

Element st:query-request



Element st:query-result



```
</rxs:choice>
</xs:complexType>
</xs:element>
```

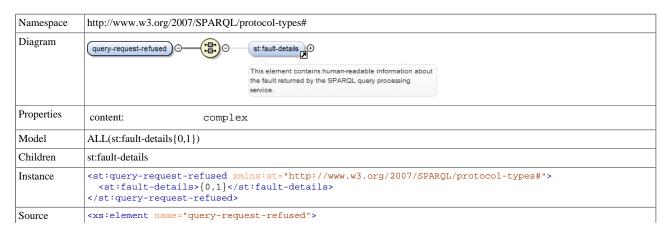
Element st:fault-details

Namespace	http://www.w3.org/2007/SPARQL/protocol-types#				
Annotations	This element contains human-readable information about the fault returned by the SPARQL query processing service.				
Diagram	This element contains human-readable information about the fault returned by the SPARQL query processing service. Built-in primitive type. The string datatype represents character strings in XML.				
Туре	xs:string				
Properties	content: simple				
Used by	Elements st:malformed-query, st:query-request-refused				
Source	<pre><xs:element name="fault-details" type="xs:string"> <xs:annotation></xs:annotation></xs:element></pre>				

Element st:malformed-query



Element st:query-request-refused



Namespace: "http://www.w3.org/2007/SPARQL/results#"

Schema(s)

Imported schema result.xsd

Namespace	http://www.w3.org/2007/SPARQL/results#		
Properties	attribute form default: unqualified		
	element form default: qualified		

Element(s)

Element res:sparql

Namespace	http://www.w3.org/2007/SPARQL/results#				
Diagram	sparql O res:head res:results res:boolean				
Properties	content: complex				
Used by	Element st:query-result				
Model	res:head, (res:results res:boolean)				
Children	res:boolean, res:head, res:results				
Instance	<pre><res:sparql xmlns:res="http://www.w3.org/2007/SPARQL/results#"> <res:head>{1,1}</res:head> <res:results>{1,1}</res:results> <res:boolean>{1,1}</res:boolean> </res:sparql></pre>				
Source	<pre><xs:element name="sparq1"></xs:element></pre>				

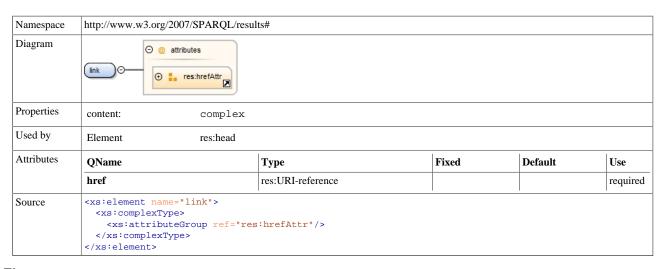
Element res:head

Namespace	http://www.w3.org/2007/SPARQL/results#		
Diagram	head ⊙ res:variable on the state of the sta		
Properties	content: complex		
Used by	Element res:sparql		
Model	res:variable*, res:link*		
Children	res:link, res:variable		
Instance	<pre><res:head xmlns:res="http://www.w3.org/2007/SPARQL/results#"> <res:variable name="">{0,unbounded}</res:variable> <res:link href="">{0,unbounded}</res:link> </res:head></pre>		

Element res: variable

Namespace	http://www.w3.org/2007/SPARQL/results#					
Diagram	O @ attributes (variable) ○ □ □ res:nameAttr					
Properties	content: complex					
Used by	Element res:head					
Attributes	QName	Туре	Fixed	Default	Use	
	name	xs:NMTOKEN			required	
Source	<pre><xs:element name="variable"> <xs:complextype></xs:complextype></xs:element></pre>					

Element res:link



Element res:results

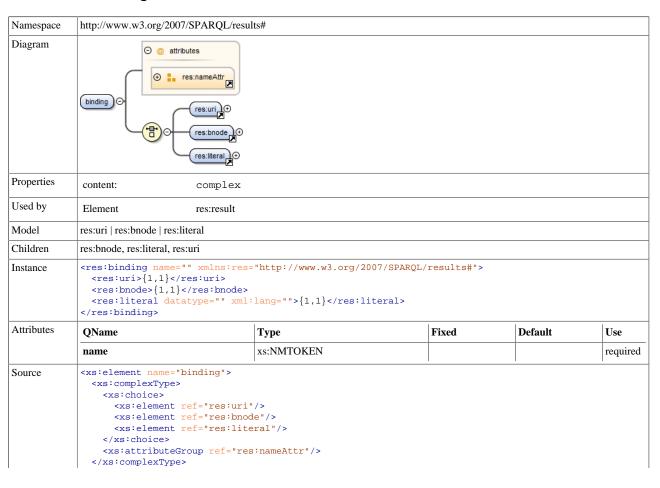
```
http://www.w3.org/2007/SPARQL/results#
Namespace
Diagram
                                 0..∞ res:result ⊕
             (results )⊙
Properties
             content:
                                    complex
Used by
             Element
                                   res:sparql
Model
             res:result*
Children
             res:result
Instance
             <res:results xmlns:res="http://www.w3.org/2007/SPARQL/results#">
               <res:result index="">{0,unbounded}</res:result>
             </res:results>
Source
             <xs:element name="results">
               <xs:complexType>
                 <xs:sequence>
                   <xs:element minOccurs="0" maxOccurs="unbounded" ref="res:result"/>
                 </xs:sequence>
```

```
</xs:complexType>
</xs:element>
```

Element res:result

Namespace	http://www.w3.org/2007/SPARQL/results#						
Diagram	result O a attributes index O o a o attributes o index O res:binding O						
Properties	content: complex						
Used by	Element res:results						
Model	res:binding*						
Children	res:binding						
Instance	<pre><res:result index="" xmlns:res="http://www.w3.org/2007/SPARQL/results#"> <res:binding name="">{0,unbounded}</res:binding> </res:result></pre>						
Attributes	QName	Туре	Fixed	Default	Use		
	index	xs:positiveInteger			optional		
Source	<pre><xs:element name="result"> <xs:complextype> <xs:sequence> <xs:element maxoccurs="unbounded" minoccurs="0" ref="res:binding"></xs:element> </xs:sequence> <xs:attribute name="index" type="xs:positiveInteger"></xs:attribute> </xs:complextype> </xs:element></pre>						

Element res:binding



</rs:element>

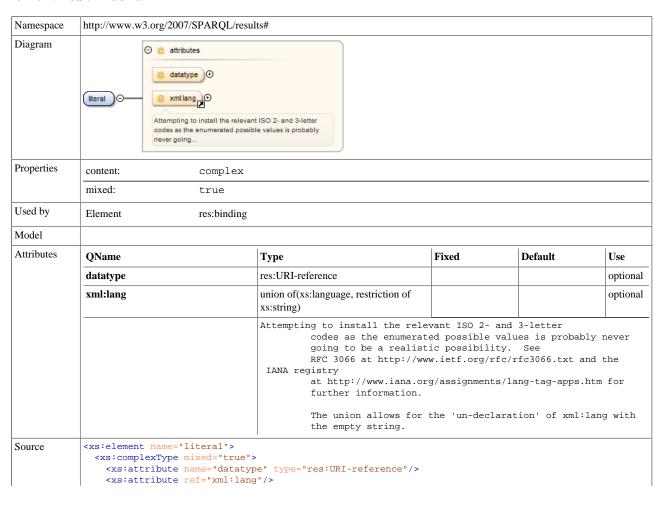
Element res:uri



Element res:bnode

Namespace	http://www.w3.org/2007/SPARQL/results#	
Diagram	Built-in primitive type. The string datatype represents character strings in XML.	
Туре	xs:string	
Properties	content: simple	
Used by	Element res:binding	
Source	<pre><xs:element name="bnode" type="xs:string"></xs:element></pre>	

Element res:literal



```
</xs:complexType>
</xs:element>
```

Element res:boolean

Namespace	http://www.w3.org/2007/SPARQL/results#	
Diagram	Built-in primitive type. It defines the boolean values true and false.	
Туре	xs:boolean	
Properties	content: simple	
Used by	Element res:sparql	
Source	<pre><xs:element name="boolean" type="xs:boolean"></xs:element></pre>	

Simple Type(s)

Simple Type res: URI-reference

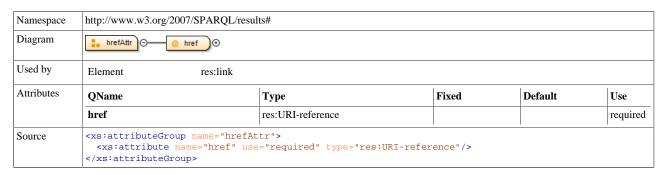
Namespace	http://www.w3.org/2007/SPARQL/results#
Diagram	URI-reference xs:anyURI Built-in primitive type. The anyURI datatype represents a Uniform Resource Identifier Reference (URI).
Туре	xs:anyURI
Used by	Attributes res:datatypeAttr/@datatype, res:hrefAttr/@href, res:literal/@datatype
Source	<pre><xs:simpletype name="URI-reference"> <xs:restriction base="xs:anyURI"></xs:restriction> </xs:simpletype></pre>

Attribute Group(s)

Attribute Group res:nameAttr

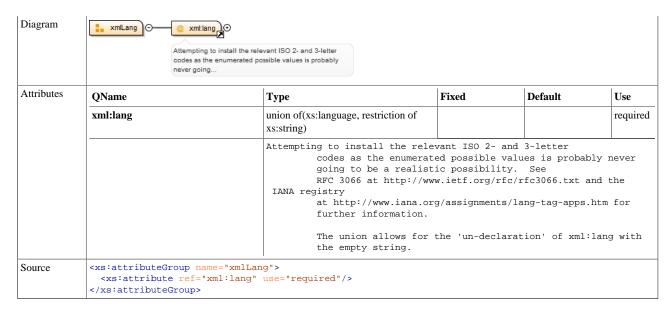
Namespace	http://www.w3.org/2007/SPARQL/results#				
Diagram	nameAttr ⊙ name) ⊕				
Used by	Elements res:binding, res:variable				
Attributes	QName	Туре	Fixed	Default	Use
	name	xs:NMTOKEN			required
Source	<pre><xs:attributegroup name="nameAttr"> <xs:attribute name="name" type="xs:NMTOKEN" use="required"></xs:attribute> </xs:attributegroup></pre>				

Attribute Group res:hrefAttr



Attribute Group res:xmlLang

Namespace	http://www.w3.org/2007/SPARQL/results#
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Attribute Group res:indexAttr

Namespace	http://www.w3.org/2007/SPARQL/results#				
Diagram	indexAttr indexAttr index index index				
Attributes	QName	Туре	Fixed	Default	Use
	index	xs:positiveInteger			required
Source	<pre><xs:attributegroup name="indexAttr"> <xs:attribute name="index" type="xs:positiveInteger" use="required"></xs:attribute> </xs:attributegroup></pre>				

Attribute Group res:datatypeAttr

Namespace	http://www.w3.org/2007/SPARQL/results#				
Diagram	datatypeAttr ⊙ datatype ⊙ datatype ⊙				
Attributes	QName	Туре	Fixed	Default	Use
	datatype	res:URI-reference			required
Source	<pre><xs:attributegroup name="datatypeAttr"> <xs:attribute name="datatype" type="res:URI-reference" use="required"></xs:attribute> </xs:attributegroup></pre>				

Namespace: "http://www.w3.org/XML/1998/namespace"

Schema(s)

Imported schema xml.xsd

Namespace	http://www.w3.org/XML/1998/namespace
Annotations	See http://www.w3.org/XML/1998/namespace.html and http://www.w3.org/TR/REC-xml for information about this namespace.
	This schema document describes the XML namespace, in a form suitable for import by other schema documents.
	Note that local names in this namespace are intended to be defined only by the World Wide Web Consortium or its subgroups. The following names are currently defined in this namespace and should not be used with conflicting semantics by any Working Group, specification, or document instance:
	base (as an attribute name): denotes an attribute whose value provides a URI to be used as the base for interpreting any relative URIs in the scope of the element on which it

```
appears; its value is inherited. This name is reserved
                     by virtue of its definition in the XML Base specification.
                     (as an attribute name): denotes an attribute whose value
                     should be interpreted as if declared to be of type ID.
                     This name is reserved by virtue of its definition in the
                     xml:id specification.
                lang (as an attribute name): denotes an attribute whose value
                     is a language code for the natural language of the content of
                     any element; its value is inherited. This name is reserved
                     by virtue of its definition in the XML specification.
                space (as an attribute name): denotes an attribute whose
                     value is a keyword indicating what whitespace processing
                     discipline is intended for the content of the element; its
                     value is inherited. This name is reserved by virtue of its
                     definition in the XML specification.
                Father (in any context at all): denotes Jon Bosak, the chair of
                     the original XML Working Group. This name is reserved by
                     the following decision of the W3C XML Plenary and
                     XML Coordination groups:
                         In appreciation for his vision, leadership and dedication
                         the W3C XML Plenary on this 10th day of February, 2000
                         reserves for Jon Bosak in perpetuity the XML name
                         xml:Father
            This schema defines attributes and an attribute group
                    suitable for use by
                    schemas wishing to allow xml:base, xml:lang, xml:space or xml:id
                    attributes on elements they define.
                    To enable this, such a schema must import this schema
                    for the XML namespace, e.g. as follows:
                    <schema . . .>
                     <import namespace="http://www.w3.org/XML/1998/namespace"</pre>
                                schemaLocation="http://www.w3.org/2001/xml.xsd"/>
                    Subsequently, qualified reference to any of the attributes
                    or the group defined below will have the desired effect, e.g.
                    <type . . .>
                     <attributeGroup ref="xml:specialAttrs"/>
                     will define a type which will schema-validate an instance
                     element with any of those attributes
            In keeping with the XML Schema WG's standard versioning
            policy, this schema document will persist at
            http://www.w3.org/2007/08/xml.xsd.
            At the date of issue it can also be found at
            http://www.w3.org/2001/xml.xsd.
            The schema document at that URI may however change in the future,
            in order to remain compatible with the latest version of XML Schema
            itself, or with the XML namespace itself. In other words, if the XML
            Schema or XML namespaces change, the version of this document at
            http://www.w3.org/2001/xml.xsd will change
            accordingly; the version at
            http://www.w3.org/2007/08/xml.xsd will not change.
Properties
            attribute form default:
                                 unqualified
            element form default:
                               unqualified
```

Attribute(s)

Attribute @xml:lang

Namespace	http://www.w3.org/XML/1998/namespace
Annotations	Attempting to install the relevant ISO 2- and 3-letter codes as the enumerated possible values is probably never going to be a realistic possibility. See RFC 3066 at http://www.ietf.org/rfc/rfc3066.txt and the IANA registry at http://www.iana.org/assignments/lang-tag-apps.htm for further information. The union allows for the 'un-declaration' of xml:lang with

	the empty	y string.	
Туре	union of(xs:language, restriction of xs:string)		
Properties	content: simple		
Used by	Element	res:literal	
	Attribute Groups	res:xmlLang, xml:specialAttrs	
Source	possible values: www.ietf.org/rfc/r apps.htm for furth empty string. <xs:union <xs:restr:<="" <xs:simplety="" mem="" td=""><td>tion>Attempting to install the relevant ISO 2- and 3-letter codes as the enumerated is probably never going to be a realistic possibility. See RFC 3066 at http:// rfc3066.txt and the IANA registry at http://www.iana.org/assignments/lang-tag- ner information. The union allows for the 'un-declaration' of xml:lang with the s:documentation> > DerTypes="xs:language"> ype> iction base="xs:string"> meration value=""/> riction> Type></td></xs:union>	tion>Attempting to install the relevant ISO 2- and 3-letter codes as the enumerated is probably never going to be a realistic possibility. See RFC 3066 at http:// rfc3066.txt and the IANA registry at http://www.iana.org/assignments/lang-tag- ner information. The union allows for the 'un-declaration' of xml:lang with the s:documentation> > DerTypes="xs:language"> ype> iction base="xs:string"> meration value=""/> riction> Type>	

Attribute @xml:space

Namespace	http://www.w3.org/XML/1998/namespace			
Туре	restriction of xs:NCName			
Properties	content: simple			
Facets	enumeration	default		
	enumeration	preserve		
Used by	Attribute Group xml:specialAttrs			
Source	<pre> <xs:attribute name="space"> <xs:simpletype> <xs:restriction base="xs:NCName"> <xs:enumeration value="default"></xs:enumeration> <xs:enumeration value="preserve"></xs:enumeration> </xs:restriction> </xs:simpletype> </xs:attribute> </pre>			

Attribute @xml:base

Namespace	http://www.w3.org/XML/1998/namespace		
Annotations	See http://www.w3.org/TR/xmlbase/ for information about this attribute.		
Type	xs:anyURI		
Properties	content: simple		
Used by	Attribute Group xml:specialAttrs		
Source	<pre><xs:attribute name="base" type="xs:anyURI"></xs:attribute></pre>		

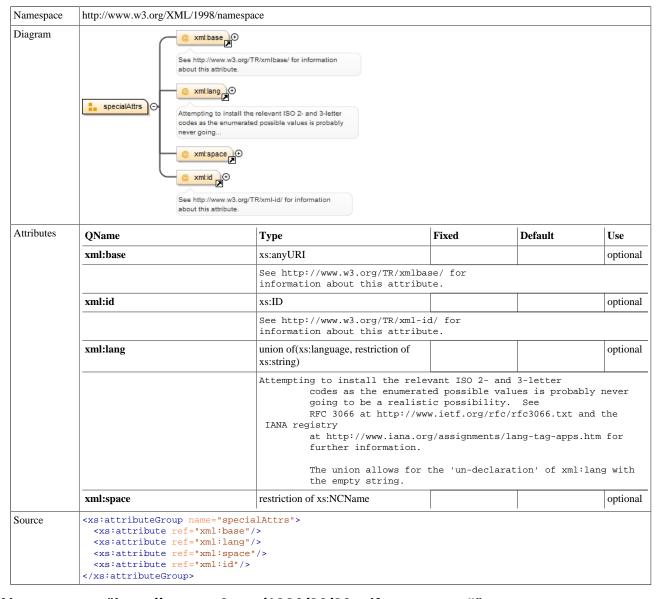
Attribute @xml:id

Namespace	http://www.w3.org/XML/1998/namespace	
Annotations	See http://www.w3.org/TR/xml-id/ for information about this attribute.	
Type	xs:ID	
Properties	content: simple	

Used by	Attribute Group xml:specialAttrs
Source	<pre><xs:attribute name="id" type="xs:ID"></xs:attribute></pre>

Attribute Group(s)

Attribute Group xml:specialAttrs



Namespace: "http://www.w3.org/1999/02/22-rdf-syntax-ns#"

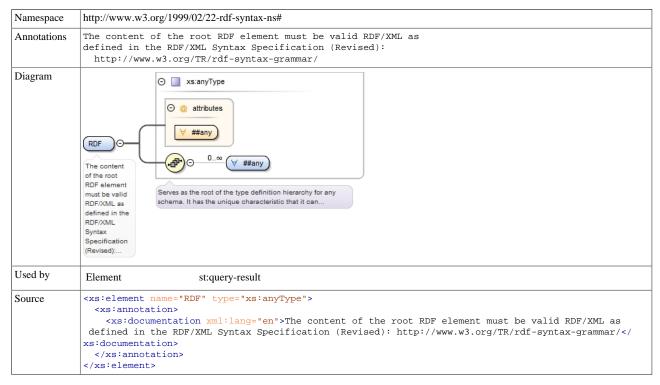
Schema(s)

Imported schema rdf.xsd

Namespace	http://www.w3.org/1999/	1999/02/22-rdf-syntax-ns#	
Properties	attribute form default:	unqualified	
	element form default:	unqualified	
	version:	\$Id: rdf.xsd,v 1.1 2007/10/17 14:48:47 eric Exp \$	

Element(s)

Element rdf:RDF



Namespace: ""

Element(s)

Element st:query-request / query

Namespace	No namespace		
Annotations	query is an xs:string constrained by the language definition, http://www.w3.org/TR/rdf-sparql-query/#grammar, as "a sequence of characters in the language defined by the [SPARQL] grammar, starting with the Query production"		
Diagram	query is an xs:string account of the string datatype represents of the str		
Туре	xs:string		
Properties	content: simple		
	minOccurs: 1		
	maxOccurs: 1		
Source	<pre><xs:element maxoccurs="1" minoccurs="1" name="query" type="xs:string"></xs:element></pre>		

Element st:query-request / default-graph-uri

Namespace	No namespace
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Diagram	default-graph-uri	Built-in primitive type. The anyURI datatype represents a Uniform Resource Identifier Reference (URI).
Type	xs:anyURI	
Properties	content:	simple
	minOccurs:	0
	maxOccurs:	unbounded
Source	<xs:element min(<="" td=""><td>Occurs="0" maxOccurs="unbounded" name="default-graph-uri" type="xs:anyURI"/></td></xs:element>	Occurs="0" maxOccurs="unbounded" name="default-graph-uri" type="xs:anyURI"/>

Element st:query-request / named-graph-uri

Namespace	No namespace	
Diagram	named-graph-uri O xs:anyURI Built-in primitive type. The anyURI datatype represents a Uniform Resource Identifier Reference (URI).	
Туре	xs:anyURI	
Properties	content: simple	
	minOccurs: 0	
	maxOccurs: unbounded	
Source	<pre><xs:element maxoccurs="unbounded" minoccurs="0" name="named-graph-uri" type="xs:anyURI"></xs:element></pre>	

Attribute(s)

Attribute osd:presentationAttr / @name

Namespace	No namespace	
Туре	xs:string	
Properties	use:	required
Used by	Element	osd:presentationAttr
Source	<pre><xs:attribute name="</pre></td><td>'name" type="xs:string" use="required"></xs:attribute></pre>	

Attribute osd:presentationAttr / @value

Namespace	No namespace	
Type	xs:string	
Properties	use:	required
Used by	Element	osd:presentationAttr
Source		

Attribute osd:widget / @widgetID

Namespace	No namespace	
Type	xs:anyURI	
Properties	use:	required
Used by	Element	osd:widget
Source	<pre><xs:attribute name="</pre></td><td>widgetID" type="xs:anyURI" use="required"></xs:attribute></pre>	

Attribute osd:dynamicAttrMaxValue / @name

Namespace	No namespace
Type	xs:string

Properties	use:	required
Used by	Element	osd:dynamicAttrMaxValue
Source	<pre><xs:attribute name="name" type="xs:string" use="required"></xs:attribute></pre>	

Attribute osd:dynamicAttrMaxValue / @value

Namespace	No namespace	
Туре	xs:string	
Properties	use:	required
Used by	Element	osd:dynamicAttrMaxValue
Source	<pre><xs:attribute name="</pre"></xs:attribute></pre>	"value" use="required" type="xs:string"/>

Attribute osd:OSMO / @id

Namespace	No namespace	
Type	xs:anyURI	
Properties	use:	required
Used by	Element	osd:OSMO
Source	<pre><xs:attribute id"="" name="</pre></td><td>" type="xs:anyURI" use="required"></xs:attribute></pre>	

Attribute osd:OSMO / @name

Namespace	No namespace	
Туре	xs:NCName	
Properties	use:	required
Used by	Element	osd:OSMO
Source	<xs:attribute name="</td"><td>"name" type="xs:NCName" use="required"/></td></xs:attribute>	"name" type="xs:NCName" use="required"/>

Attribute osd:OAMO / @id

Namespace	No namespace	
Туре	xs:anyURI	
Properties	use:	required
Used by	Element	osd:OAMO
Source	<pre><xs:attribute id"="" name="</pre></td><td>" type="xs:anyURI" use="required"></xs:attribute></pre>	

Attribute osd:OAMO / @name

Namespace	No namespace	
Туре	xs:NCName	
Properties	use:	required
Used by	Element	osd:OAMO
Source	<pre></pre>	

Attribute osd:OSDSpec / @userID

Namespace	No namespace	
Туре	xs:anyURI	
Properties	use:	required
Used by	Element	osd:OSDSpec
Source	<xs:attribute name="</td><td>'userID" type="xs:anyURI" use="required"></xs:attribute>	

Attribute res:nameAttr / @name

Namespace	No namespace	
Туре	xs:NMTOKEN	
Properties	use:	required
Used by	Attribute Group	res:nameAttr
Source	<xs:attribute name="</td"><td>"name" use="required" type="xs:NMTOKEN"/></td></xs:attribute>	"name" use="required" type="xs:NMTOKEN"/>

Attribute res:hrefAttr / @href

Namespace	No namespace	
Туре	res:URI-reference	
Properties	use:	required
Used by	Attribute Group	res:hrefAttr
Source	<pre><xs:attribute name="</pre"></xs:attribute></pre>	"href" use="required" type="res:URI-reference"/>

Attribute res:literal / @datatype

Namespace	No namespace	
Туре	res:URI-reference	
Properties	content:	simple
Used by	Element	res:literal
Source	<pre></pre>	

Attribute res:result / @index

Namespace	No namespace	
Туре	xs:positiveInteger	
Properties	content:	simple
Used by	Element	res:result
Source	<pre><xs:attribute index"="" name="</pre></td><td>" type="xs:positiveInteger"></xs:attribute></pre>	

Attribute res:indexAttr / @index

Namespace	No namespace	
Туре	xs:positiveInteger	
Properties	use:	required
Used by	Attribute Group	res:indexAttr
Source	<pre><xs:attribute index"="" name="</pre></td><td>" type="xs:positiveInteger" use="required"></xs:attribute></pre>	

Attribute res:datatypeAttr / @datatype

Namespace	No namespace	
Туре	res:URI-reference	
Properties	use:	required
Used by	Attribute Group	res:datatypeAttr
Source		