Schema documentation for OSDSpec.xsd

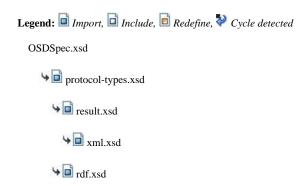
january 25, 2014

Table of Contents

Resource hierarchy:	
Namespace: "http://www.openiot.eu/osdspec"	
Schema(s)	2
Main schema OSDSpec.xsd	2
Element(s)	2
Element osd:OSDSpec	2
Element osd:OAMO	3
Element osd:description	4
Element osd:graphMeta	
Element osd: OSMO	
Element osd:queryControls	
Element osd:QuerySchedule	
Element osd:QuerySchedule / osd:second	
Element osd:QuerySchedule / osd:minute	
Element osd:QuerySchedule / osd:hour	
Element osd:QuerySchedule / osd:dayOfMonth	
Element osd:QuerySchedule / osd:month	
Element osd:QuerySchedule / osd:dayOfWeek	
Element osd:queryControls / osd:trigger	
Element osd:queryControls / osd:initialRecordTime	
Element osd:queryControls / osd:reportIfEmpty	
Element osd:requestPresentation	
Element osd:widget	
Element osd:presentationAttr	9
Element osd:dynamicAttrMaxValue	
Element osd:serviceID	10
Element osd:serviceName	10
Element osd:serviceDescription	10
Namespace: "http://www.w3.org/2007/SPARQL_protocol-types#"	
Schema(s)	
Imported schema protocol-types.xsd	
Element(s)	
Element st:query-request	
Element st:query-result	
Element st:fault-details	
Element st:malformed-query	
Element st:query-request-refused	
Namespace: "http://www.w3.org/2007/SPARQL/results#"	
Schema(s)	
Imported schema result.xsd	
Element(s)	
Element res:sparql	
Element res: head	
Element res:variable	
Element res:link	
Element res:results	
Element res:result	
Element res:binding	
Element res:uri	
Element res:bnode	
Element res:literal	16
Element res:boolean	17
Simple Type(s)	
Simple Type res:URI-reference	17
Attribute Group(s)	17
Attribute Group res:nameAttr	17
Attribute Group res:hrefAttr	17
Attribute Group res:xmlLang	18
Attribute Group res:indexAttr	
Attribute Group res:datatypeAttr	
Namespace: "http://www.w3.org/XML/1998/namespace"	
Schema(s)	
Imported schema xml xsd	18

Attribute(s)	19
Attribute @xml:lang	19
Attribute @xml:space	20
Attribute @xml:base	20
Attribute @xml:id	20
Attribute Group(s)	. 21
Attribute Group xml:specialAttrs	21
Namespace: "http://www.w3.org/1999/02/22-rdf-syntax-ns#"	21
Schema(s)	. 21
Imported schema rdf.xsd	21
Element(s)	22
Element rdf:RDF	
Namespace: ""	22
Element(s)	22
Element st:query-request / query	. 22
Element st:query-request / default-graph-uri	23
Element st:query-request / named-graph-uri	. 23
Attribute(s)	
Attribute osd:presentationAttr / @name	23
Attribute osd:presentationAttr / @value	. 23
Attribute osd:widget / @widgetID	. 23
Attribute osd:dynamicAttrMaxValue / @name	. 23
Attribute osd:dynamicAttrMaxValue / @value	. 24
Attribute osd:OSMO / @id	24
Attribute osd:OSMO / @name	. 24
Attribute osd:OAMO / @id	24
Attribute osd:OAMO / @name	. 24
Attribute osd:OSDSpec / @userID	24
Attribute res:nameAttr / @name	
Attribute res:hrefAttr / @href	. 25
Attribute res:literal / @datatype	. 25
Attribute res:result / @index	. 25
Attribute res:indexAttr / @index	
Attribute res:datatypeAttr / @datatype	25

Resource hierarchy:



Namespace: "http://www.openiot.eu/osdspec"

Schema(s)

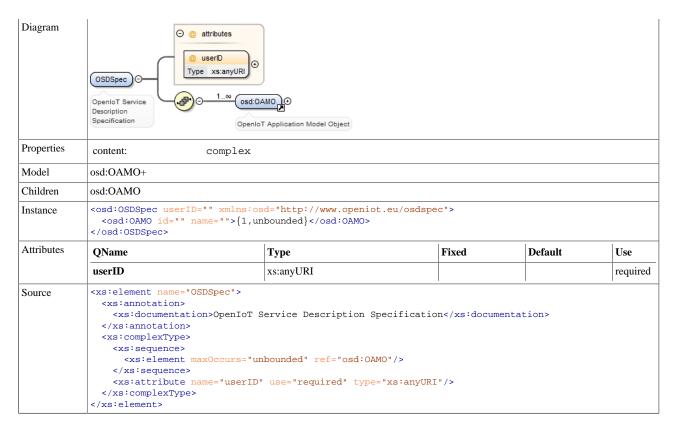
Main schema OSDSpec.xsd

Namespace	http://www.openiot.eu/osdspec	
Properties	attribute form default: unqualified	
	element form default: qualified	

Element(s)

Element osd:OSDSpec

Namespace	http://www.openiot.eu/osdspec
Annotations	OpenIoT Service Description Specification



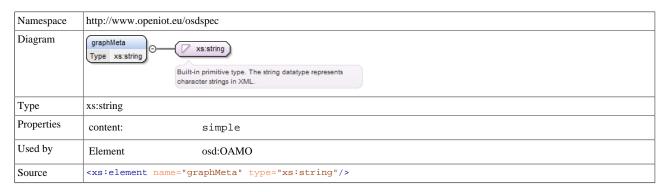
Element osd:OAMO

Namespace	http://www.openiot.eu/osdspec				
Annotations	OpenIoT Application Model Object				
Diagram	OAMO OpenIoT Application Model Object				
Properties	content: com	plex			
Used by	Element osd:OSDSpec				
Model	osd:description{0,1}, osd:graphMeta{0,1}, osd:OSMO+				
Children	osd:OSMO, osd:description, os	d:graphMeta			
Instance	<pre><osd:oamo id="" name="" xmlns:osd="http://www.openiot.eu/osdspec"> <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	Туре	Fixed	Default	Use
	id	xs:anyURI			optional
	name	xs:NCName			required
Source	<pre><xs:element name="OAMO"> <xs:annotation></xs:annotation></xs:element></pre>	,	<u>'</u>	·	·

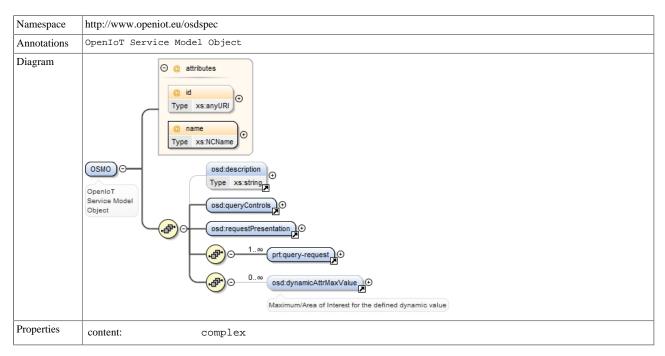
Element osd:description

Namespace	tp://www.openiot.eu/osdspec	
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

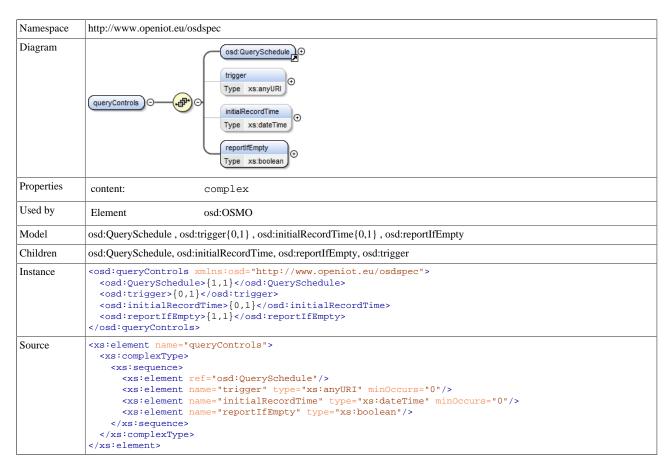


Element osd: OSMO

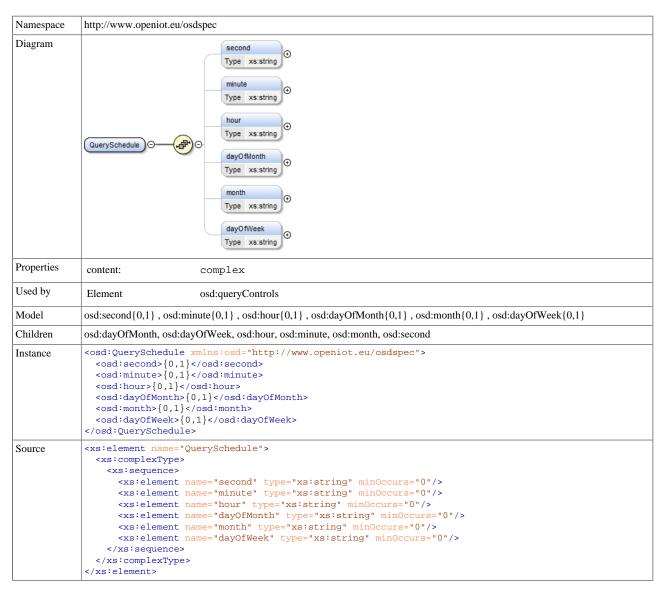


Used by	Element	sd:OAMO			
Model	osd:description{0,1} , osd:queryControls , osd:requestPresentation , st:query-request+ , osd:dynamicAttrMaxValue*				
Children	osd:description, osd:dynamicAttrMaxValue, osd:queryControls, osd:requestPresentation, st:query-request				
Instance	<pre>cosd:OSMO id="" name="" xmlns:osd="http://www.openiot.eu/osdspec" xmlns:prt="http://www.w3.org/2007/ SPARQL/protocol-types#"></pre>				
Attributes	QName	Туре	Fixed	Default	Use
	id	xs:anyURI			optional
	name	xs:NCName			required
Source	<pre>name</pre>				

Element osd:queryControls



Element osd:QuerySchedule



Element osd:QuerySchedule / osd:second

Namespace	http://www.openiot.eu/osdspec
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

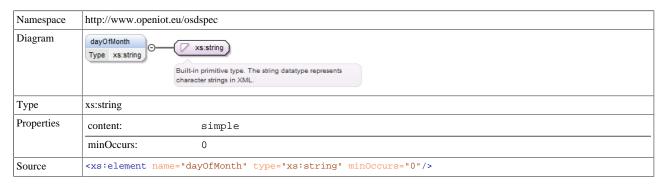


Type	xs:string	
Properties	content:	simple
	minOccurs:	0
Source	<pre><xs:element <="" name="milestand" pre=""></xs:element></pre>	inute" type="xs:string" minOccurs="0"/>

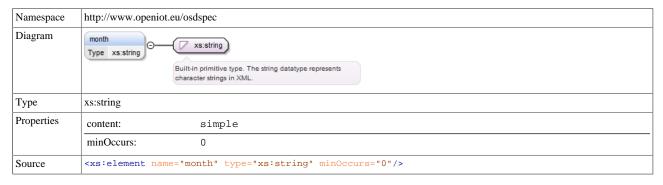
Element osd:QuerySchedule / osd:hour

Namespace	http://www.openiot.eu/osdspec
Diagram	hour 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>

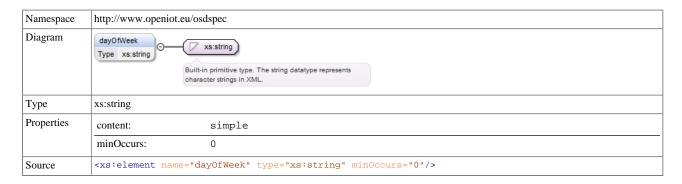
Element osd:QuerySchedule / osd:dayOfMonth



Element osd:QuerySchedule / osd:month



Element osd:QuerySchedule / osd:dayOfWeek



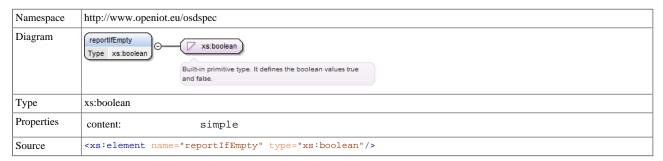
Element osd:queryControls / osd:trigger

Namespace	http://www.openiot.eu/osdspec
Diagram	Type xs:anyURI Built-in primitive type. The anyURI datatype represents a Uniform Resource Identifier Reference (URI).
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	http://www.openiot.eu/osdspec
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

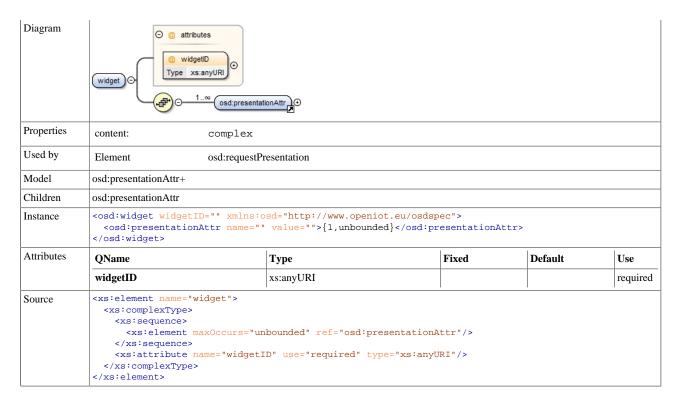


Element osd:requestPresentation

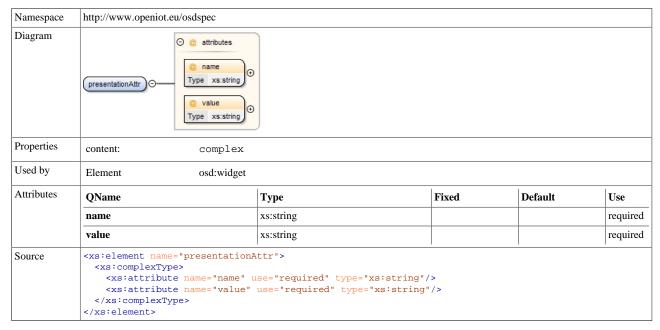
Namespace	http://www.openiot.eu/osdspec					
Diagram	requestPresentation ⊙					
Properties	content: complex					
Used by	Element osd:OSMO					
Model	osd:widget+					
Children	osd:widget					
Instance	<pre><osd:requestpresentation xmlns:osd="http://www.openiot.eu/osdspec"> <osd:widget widgetid="">{1,unbounded}</osd:widget> </osd:requestpresentation></pre>					
Source	<pre><xs:element name="requestPresentation"></xs:element></pre>					

Element osd:widget

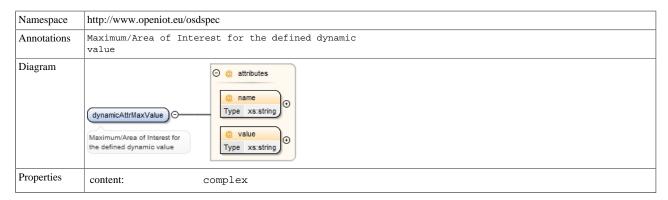
Namespace	http://www.openiot.eu/osdspec
-----------	-------------------------------



Element osd:presentationAttr



Element osd:dynamicAttrMaxValue



Used by	Element o	sd:OSMO			
Attributes	QName	Туре	Fixed	Default	Use
	name	xs:string			required
	value	xs:string			required
Source	<pre> <mate< td=""></mate<></pre>				

Element osd:serviceID

Namespace	http://www.openiot.eu/osdspec
Diagram	ServiceID ⊙————————————————————————————————————
Properties	content: complex
Model	
Source	<pre><xs:element name="serviceID"> <xs:complextype></xs:complextype></xs:element></pre>

Element osd:serviceName

Namespace	http://www.openiot.eu/osdspec
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	http://www.openiot.eu/osdspec			
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)

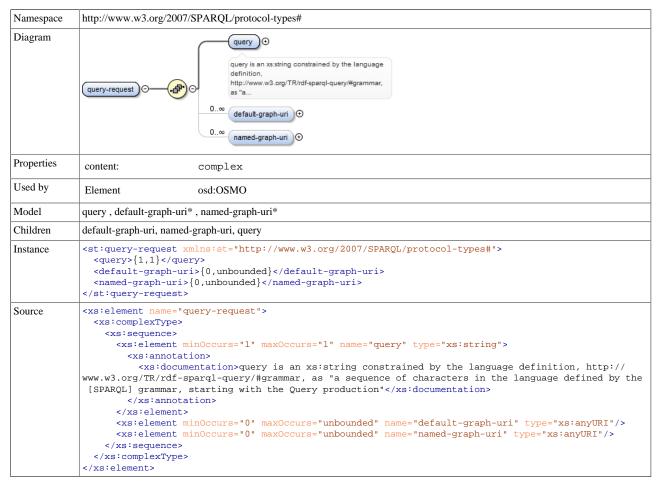
Imported schema protocol-types.xsd

Namespace	http://www.w3.org/2007/SPARQL/protocol-types#
-----------	---

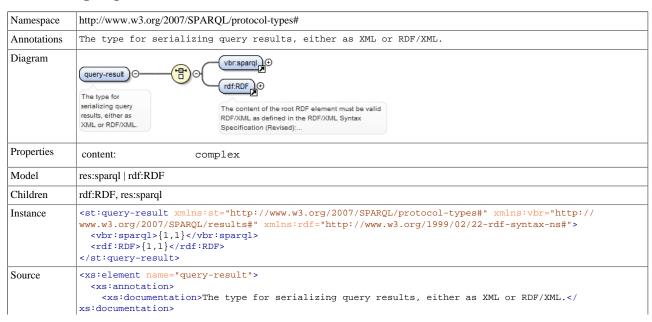
Properties	attribute form default:	unqualified			
	element form default:	t: unqualified			
	version:	\$Id: protocol-types.xsd,v 1.2 2007/10/17 17:17:35 eric Exp \$			

Element(s)

Element st:query-request



Element st:query-result



```
</mathrel=""">
</mathrel=""" continued by the continued continued by the continued continued by the continued c
```

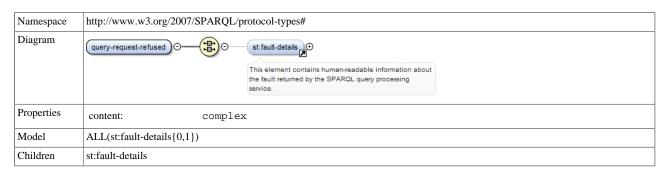
Element st:fault-details

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.				
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:documentation>This element contains human-readable information about the fault returned by the SPARQL query processing service.</xs:documentation> </xs:annotation> </xs:element></pre>				

Element st:malformed-query



Element st:query-request-refused



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

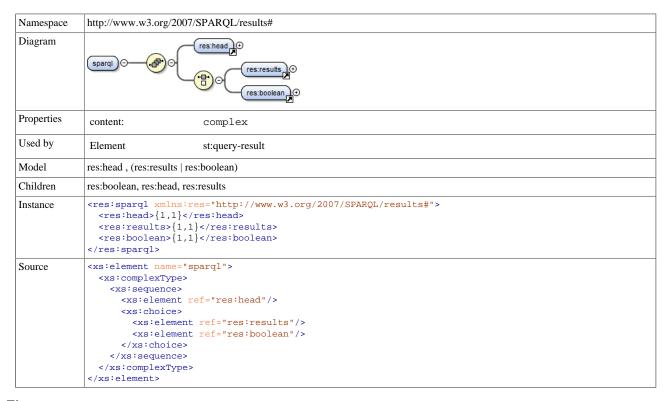
Schema(s)

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



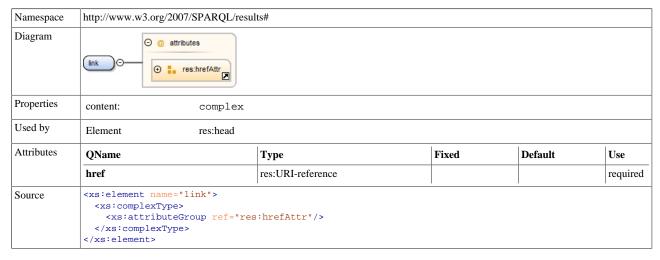
Element res:head

Namespace	http://www.w3.org/2007/SPARQL/results#			
Diagram	head \odot res:\text{ink} \odot			
Properties	content: complex			
Used by	Element res:sparql			
Model	es:variable* , res:link*			
Children	es:link, res:variable			

Element res: variable

Namespace	http://www.w3.org/2007/SPARQL/results#					
Diagram	variable					
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:element></pre>					

Element res: link



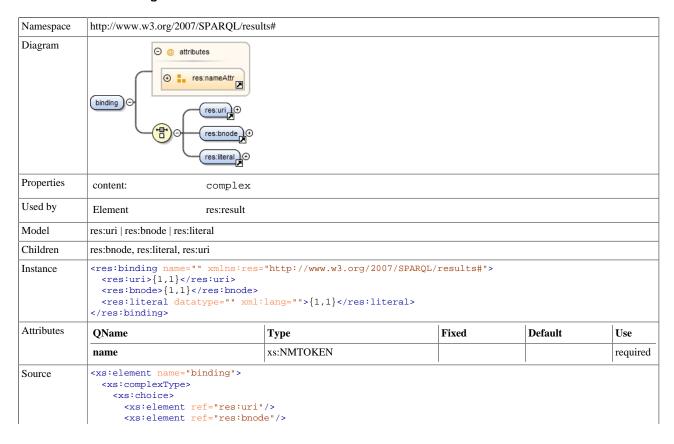
Element res:results

Namespace	http://www.w3.org/2007/SPARQL/results#		
Diagram	results ⊙ 0∞ res:result →		
Properties	content: complex		
Used by	Element res:sparql		
Model	res:result*		
Children	res:result		
Instance	<pre><res:results xmlns:res="http://www.w3.org/2007/SPARQL/results#"> <res:result index="">{0,unbounded}</res:result> </res:results></pre>		
Source	<pre><xs:element name="results"></xs:element></pre>		

Element res:result

Namespace	http://www.w3.org/2007/SPARQL/results#				
Diagram	result O @ attributes @ index • O o res:binding • O				
Properties	content: co	mplex			
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	Type	Fixed	Default	Use
	index	xs:positiveInteger			optional
Source	<pre><xs:element name="result"> <xs:complextype></xs:complextype></xs:element></pre>				

Element res: binding



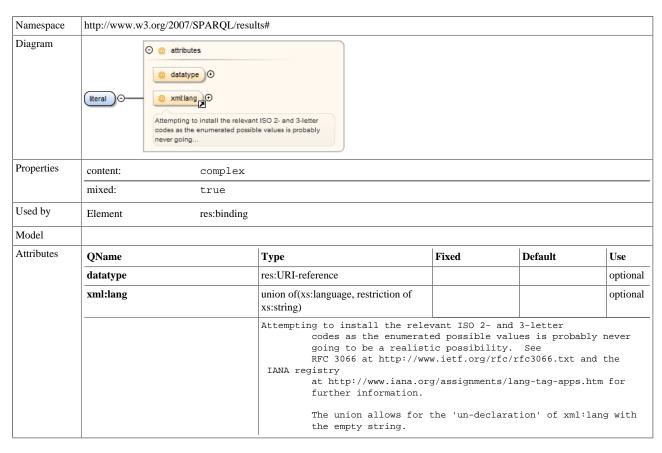
Element res:uri

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="uri" type="xs:string"></xs:element></pre>		

Element res:bnode

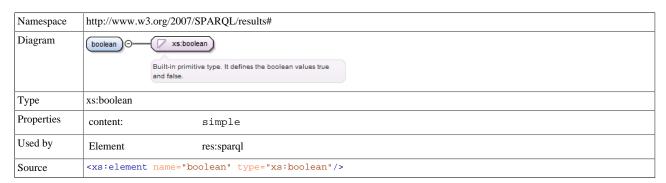
Namespace	http://www.w3	http://www.w3.org/2007/SPARQL/results#		
Diagram	Built-in primitive type. The string datatype represents character strings in XML.			
Type	xs:string			
Properties	content:	simple		
Used by	Element	res:binding		
Source	<pre><xs:element name="bnode" type="xs:string"></xs:element>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

Element res:literal



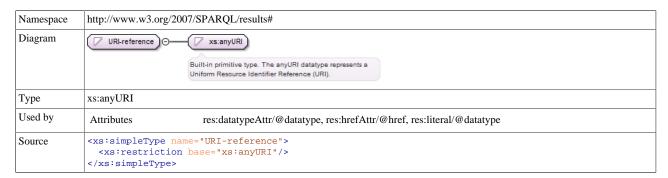
```
Source
```

Element res:boolean



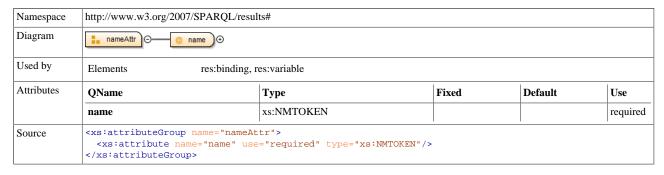
Simple Type(s)

Simple Type res: URI-reference

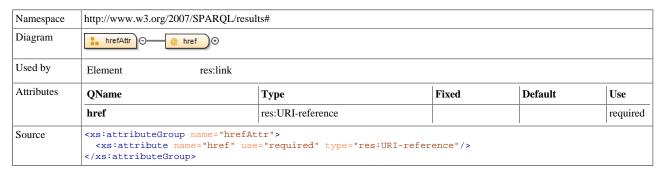


Attribute Group(s)

Attribute Group res:nameAttr



Attribute Group res:hrefAttr



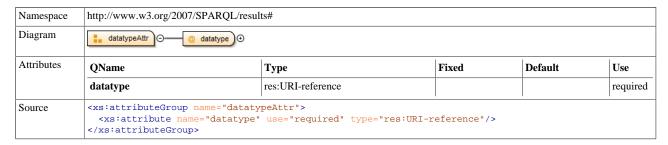
Attribute Group res:xmlLang

Namespace	http://www.w3.org/2007/SPARQL/results#				
Diagram	Attempting to install the relevant ISO 2- and 3-letter codes as the enumerated possible values is probably never going				
Attributes	QName	Туре	Fixed	Default	Use
	xml:lang	union of(xs:language, restriction of xs:string)			required
		Attempting to install the re codes as the enumer going to be a reali RFC 3066 at http:// IANA registry at http://www.iana. further information	ated possible stic possibili www.ietf.org/r org/assignment	values is probablety. See fc/rfc3066.txt a	and the
		The union allows fo the empty string.	r the 'un-decl	aration' of xml	lang with
Source	<pre><xs:attributegroup name="xmlLang"> <xs:attribute ref="xml:lang" use="required"></xs:attribute> </xs:attributegroup></pre>				

Attribute Group res:indexAttr

Namespace	http://www.w3.org/2007/SPARQL/results#				
Diagram	indexAttr ⊙ @ 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/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	ttempting 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 string.
Type
            union of(xs:language, restriction of xs:string)
Properties
            content:
                                  simple
Used by
             Element
                                  res:literal
             Attribute Groups
                                  res:xmlLang, xml:specialAttrs
Source
            <xs:attribute name="lang">
              <xs:annotation>
                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 string.</xs:documentation>
              </xs:annotation>
              <xs:simpleType>
                <xs:union memberTypes="xs:language">
                  <xs:simpleType>
                    <xs:restriction base="xs:string">
                       <xs:enumeration value=""/>
                    </xs:restriction>
                  </xs:simpleType>
                 </xs:union>
              </xs:simpleType>
             </xs:attribute>
```

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: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.		
Туре	xs:anyURI		
Properties	content: simple		
Used by	Attribute Group xml:specialAttrs		
Source	<pre><xs:attribute name="base" type="xs:anyURI"></xs:attribute></pre>		

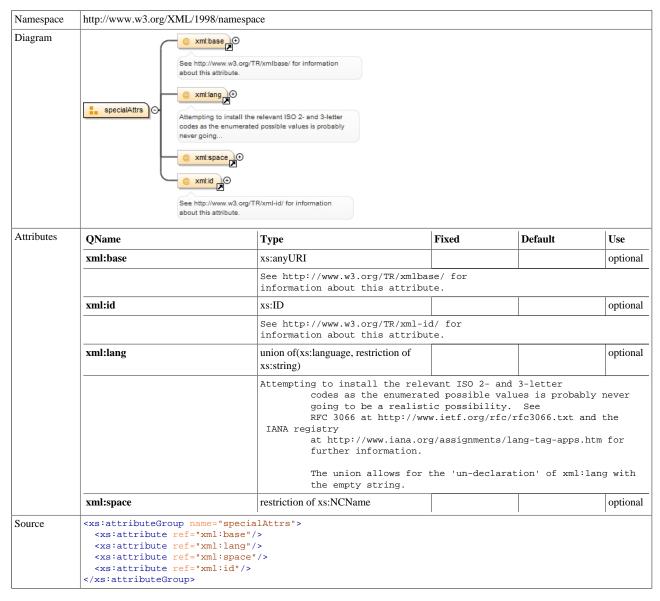
Attribute @xml:id

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)

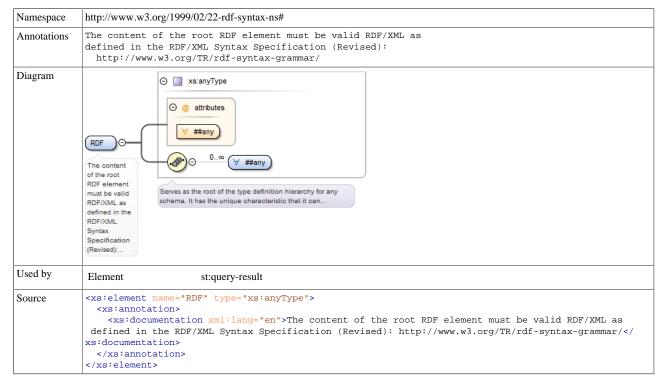
Imported schema rdf.xsd

Namespace	http://www.w3.org/1999/02/22-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 Query is an xs:string Built-in primitive type. The string datatype represents character strings in XML. Built-in primitive type. The string datatype represents character strings in XML. The character strings in XML. The character strings in XML.		
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
Diagram	default-graph-uri O xs:anyURI 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	<pre><xs:element maxoccurs="unbounded" minoccurs="0" name="default-graph-uri" type="xs:anyURI"></xs:element></pre>

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).
Type	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="name" type="xs:string" use="required"></xs:attribute></pre>	

Attribute osd:presentationAttr / @value

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

Attribute osd:widget / @widgetID

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

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="value" type="xs:string" use="required"></xs:attribute></pre>	

Attribute osd:OSMO / @id

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

Attribute osd:OSMO / @name

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

Attribute osd:OAMO / @id

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

Attribute osd:OAMO / @name

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

Attribute osd:OSDSpec / @userID

Namespace	No namespace	
Type	xs:anyURI	
Properties	use:	required
Used by	Element	osd:OSDSpec

s:attribute name="userID" use="required" type="xs:ang

Attribute res:nameAttr / @name

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

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="href" type="res:URI-reference" use="required"></xs:attribute></pre>	

Attribute res:literal / @datatype

Namespace	No namespace	
Туре	res:URI-reference	
Properties	content:	simple
Used by	Element	res:literal
Source	<pre><xs:attribute name="datatype" type="res:URI-reference"></xs:attribute></pre>	

Attribute res:result / @index

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