Schema documentation for CDE_schema.xsd

june 3, 2020

Table of Contents

Schema(s)	
Main schema CDE_schema.xsd	
Element(s)	
Element data_element_set	
Element data_element_set / id	
Element data_element_set / name	
Element description	
Element version	3
Element version / name	
Element date	4
Element status	4
Element references	4
Element reference	4
Element citation	4
Element doi_url	5
Element pubmed_id	5
Element reference / url	5
Element index_codes	5
Element index_code	5
Element index_code / system	5
Element index_code / code	6
Element index_code / url	6
Element display	6
Element images	6
Element image	6
Element image / url	7
Element height	
Element width	7
Element caption	
Element rights	
Element authors	
Element person	
Element person / name	8
Element orcid_id	
Element twitter_handle	8
Element person / url	
Element person / role	
Element organization	9
Element organization / name	
Element organization / abbreviation	9
Element organization / url	
Element comment	
Element organization / role	
Element modality	
Element modality / system	
Element modality / code	
Element modality / name	
Element modality / url	
Element biological_sex	
Element age_range	
Element upper_bound	
Element lower_bound	
Element event	
Element specialty	
Element specialty / name	
Element specialty / abbreviation	
Element elements	
Element element	
Element element / id	
Element element / name	
Element definition	
Element integer values	
Element integer_values / min	

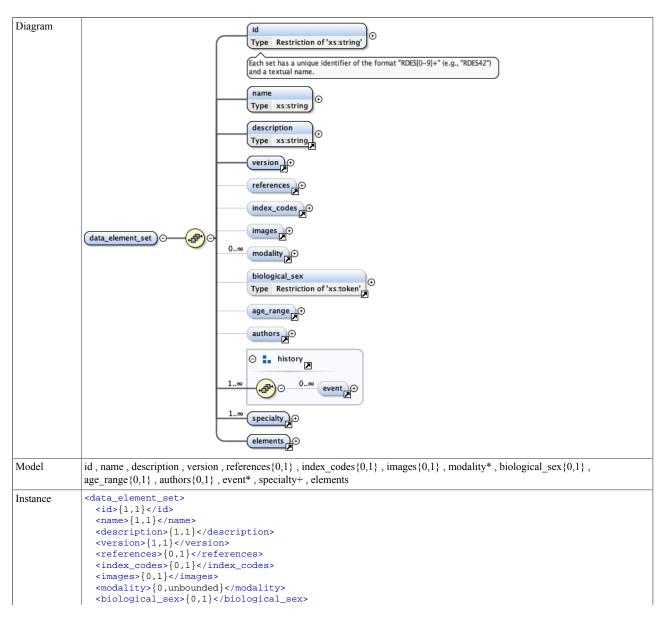
	Element integer_values / max	
	Element step	16
	Element unit	. 17
	Element float_values	17
	Element float_values / min	
	Element float_values / max	. 17
	Element boolean_values	17
	Element value_set	18
	Element min_cardinality	18
	Element max_cardinality	
	Element value_set / value	18
	Element value_set / value / value	. 19
	Element value_set / value / name	. 19
Eleme	ent Group(s)	19
	Element Group status_attrs	19
	Element Group history	

Schema(s)

Main schema CDE_schema.xsd

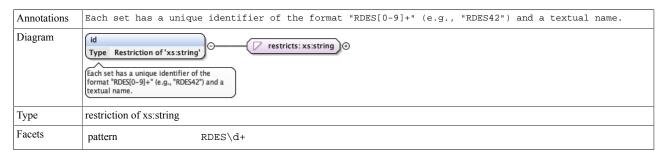
Element(s)

Element data_element_set

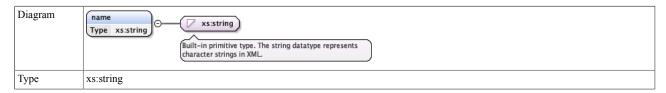


```
<age_range>{0,1}</age_range>
<authors>{0,1}</authors>
<event>{0,unbounded}</event>
<specialty>{1,unbounded}</specialty>
<elements>{1,1}</elements>
</data_element_set>
```

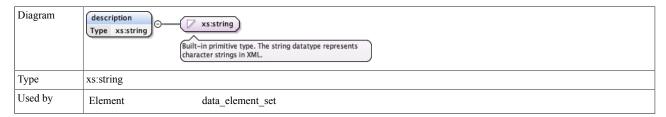
Element data_element_set / id



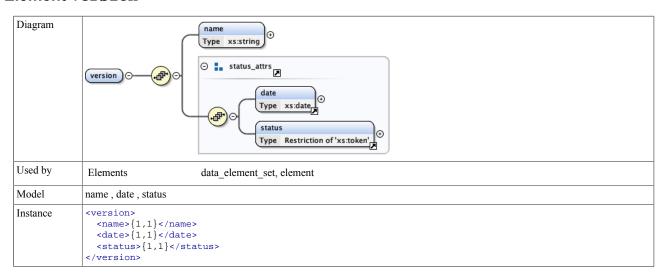
Element data_element_set / name



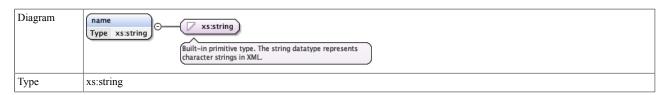
Element description



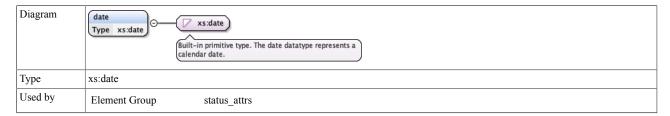
Element version



Element version / name



Element date



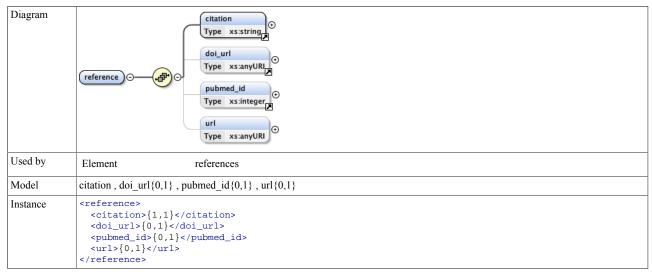
Element status

Diagram	Status Type Restriction of 'xs:token' Testricts: xs:token Testricts: xs:token Testricts: xs:token Testricts: xs:token						
Туре	restriction of xs:token						
Facets	enumeration	proposed					
	enumeration	published					
	enumeration	retired					
Used by	Element Group	status_attrs					

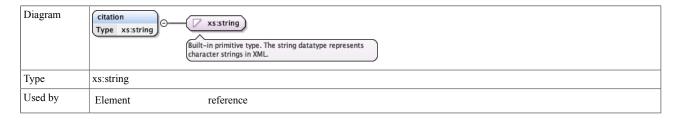
Element references

Diagram	references ⊙ 1∞ reference ⊙
Used by	Elements data_element_set, element, image, value_set/value
Model	reference+
Instance	<pre><references> <reference>{1,unbounded}</reference> </references></pre>

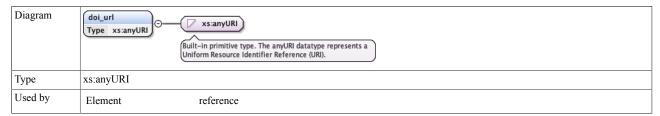
Element reference



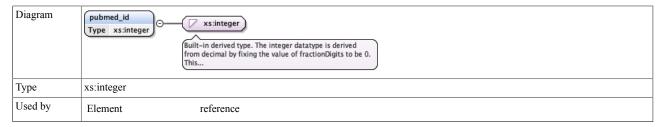
Element citation



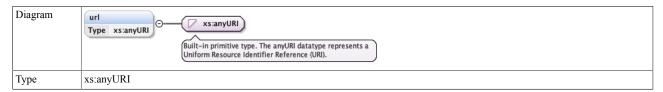
Element doi_url



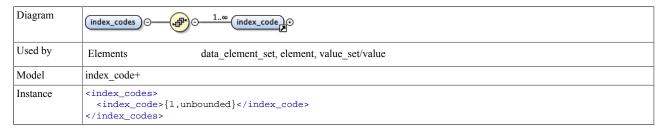
Element pubmed_id



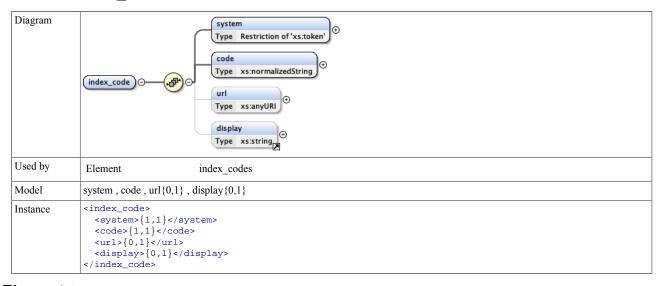
Element reference / url



Element index_codes



Element index_code

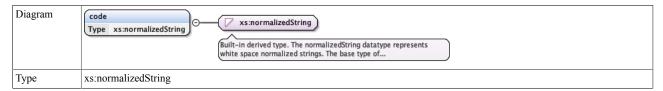


Element index_code / system

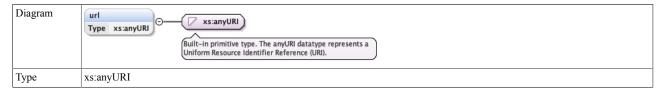


Type	restriction of xs:token					
Facets	enumeration	RADLEX				
	enumeration	SNOMEDCT				
	enumeration	LOINC				

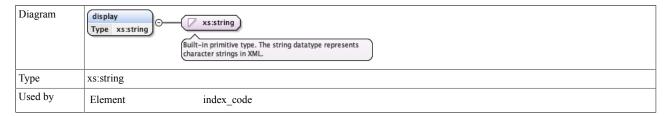
Element index_code / code



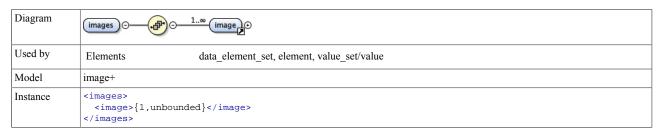
Element index_code / url



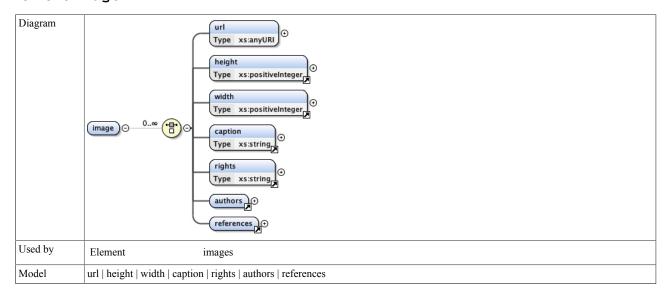
Element display



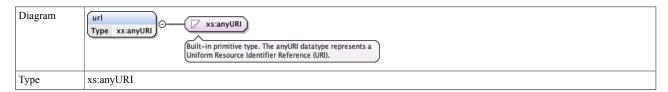
Element images



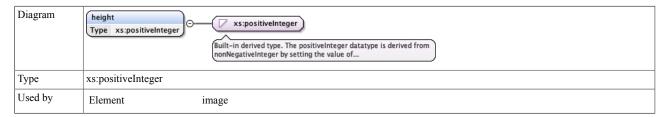
Element image



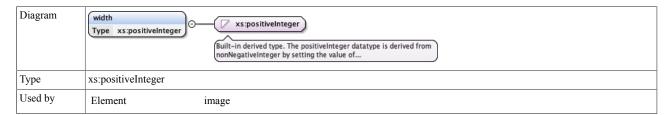
Element image / url



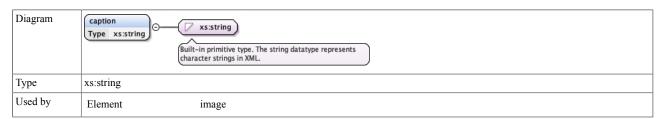
Element height



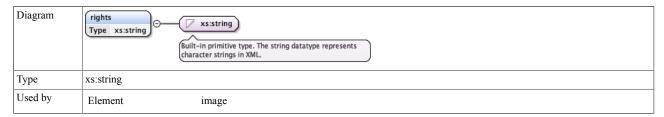
Element width



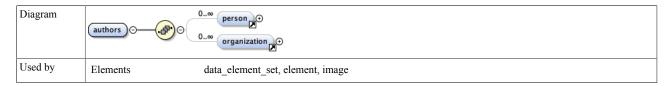
Element caption



Element rights

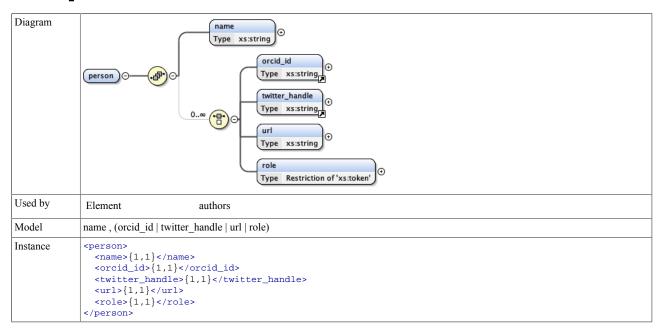


Element authors

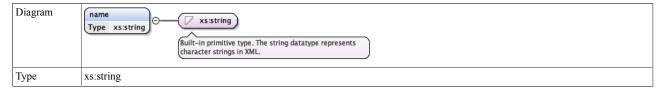


Model	person*, organization*
Instance	<pre><authors> <person>{0,unbounded}</person> <organization>{0,unbounded}</organization> </authors></pre>

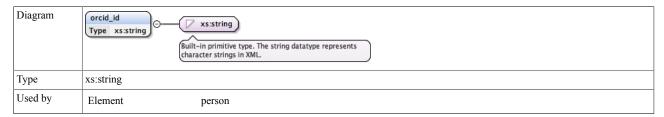
Element person



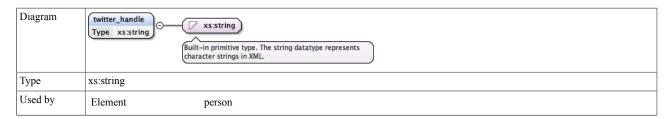
Element person / name



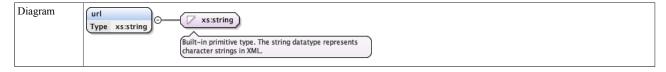
Element orcid_id



Element twitter_handle



Element person / url

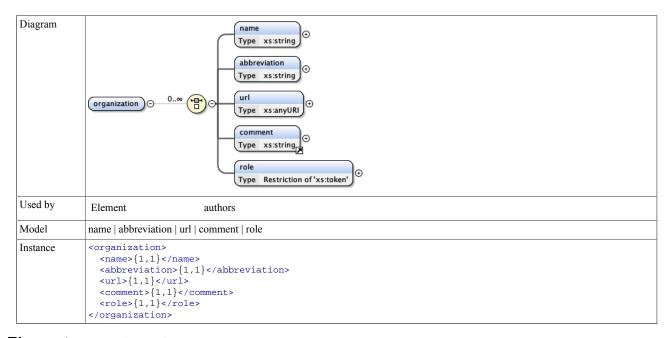


Type xs:string

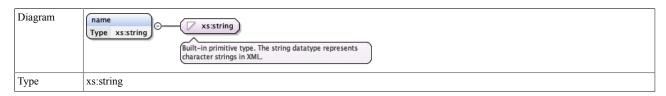
Element person / role

Diagram	Type Restriction of 'xs:token' Type Restricts: xs:token Type Restricts: xs:token Type Type						
Type	restriction of xs:token						
Facets	enumeration author						
	enumeration	editor					
	enumeration	translator					
	enumeration	reviewer					
	enumeration	contributor					

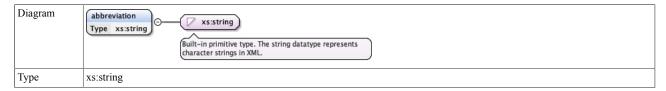
Element organization



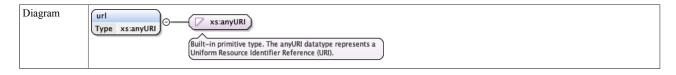
Element organization / name



Element organization / abbreviation

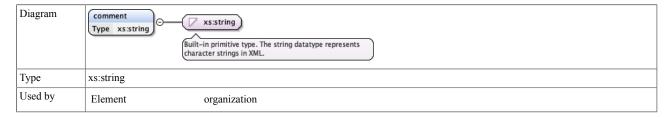


Element organization / url

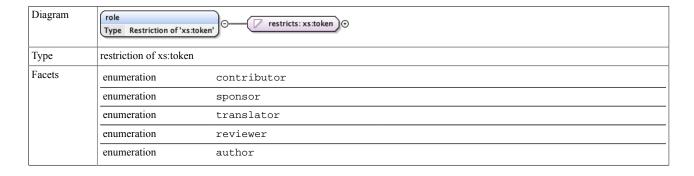


Type xs:anyURI

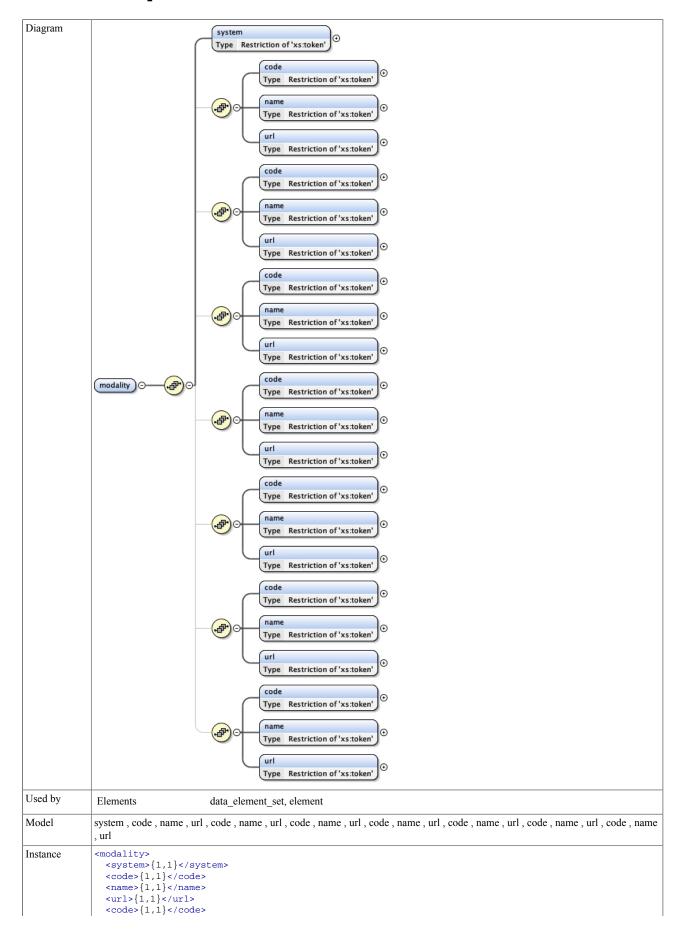
Element comment



Element organization / role

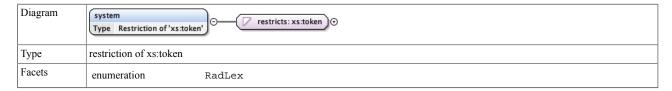


Element modality

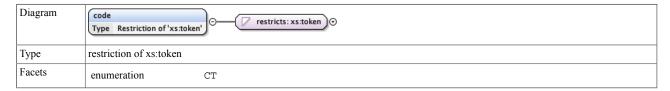


```
<name>{1,1}</name>
 <url>{1,1}</url>
 <code>{1,1}</code>
 < name > \{1, 1\} < / name >
 <url>{1,1}</url>
 <code>{1,1}</code>
 <name>{1,1}</name>
 <url>{1,1}</url>
 <code>{1,1}</code>
 < name > \{1, 1\} < / name >
 <url>{1,1}</url>
 <code>{1,1}</code>
 < name > \{1,1\} < /name >
 <url>{1,1}</url>
 <code>{1,1}</code>
 <name>{1,1}</name>
 <url>{1,1}</url>
</modality>
```

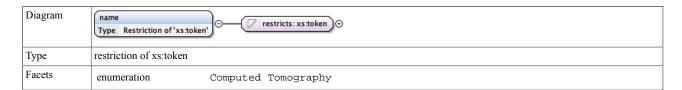
Element modality / system



Element modality / code



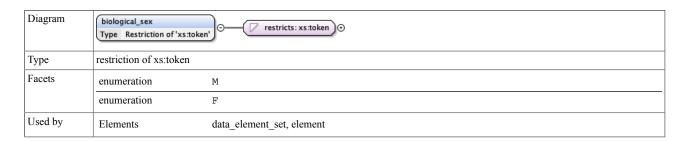
Element modality / name



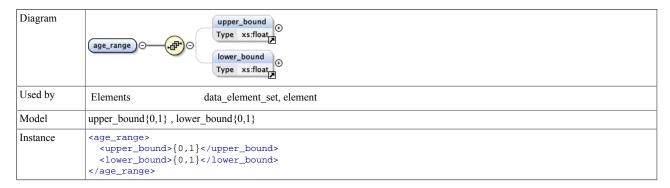
Element modality / url



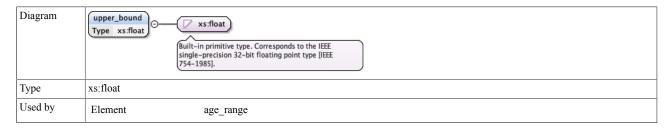
Element biological_sex



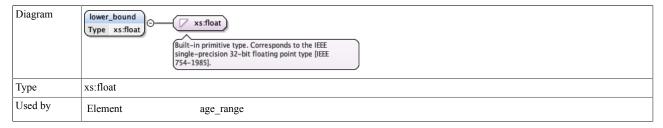
Element age_range



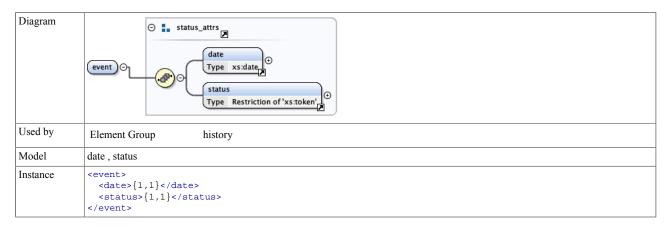
Element upper_bound



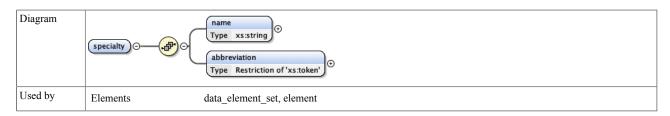
Element lower_bound



Element event

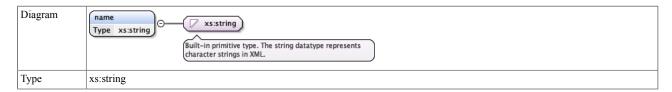


Element specialty



Model	name, abbreviation
Instance	<pre><specialty> <name>{1,1}</name> <abbreviation>{1,1}</abbreviation> </specialty></pre>

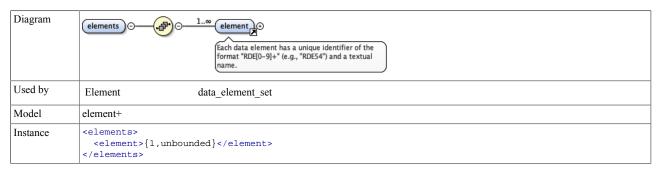
Element specialty / name



Element specialty / abbreviation

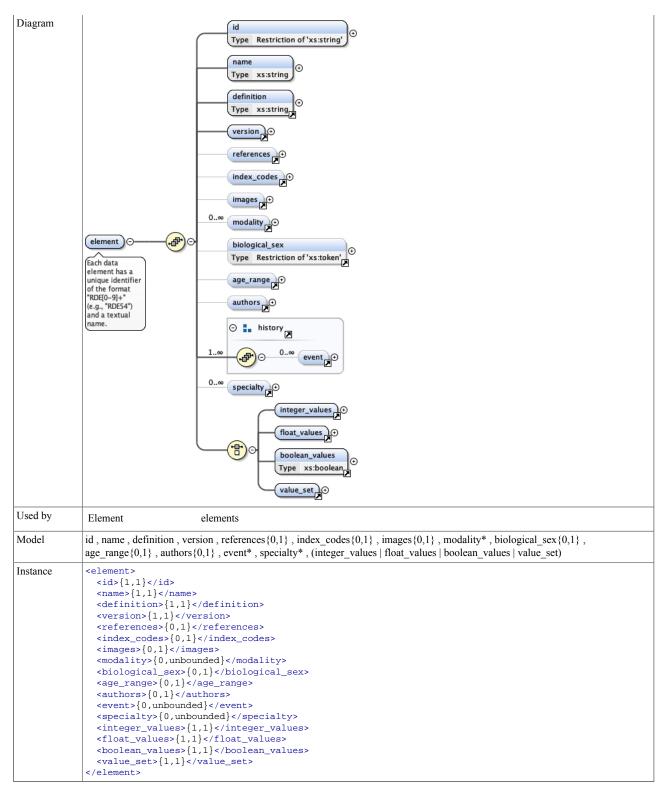
Diagram	abbreviation Type Restriction of 'x	ss:token¹
Type	restriction of xs:toke	en
Facets	enumeration	AB
	enumeration	BR
	enumeration	CA
	enumeration	СН
	enumeration	ER
	enumeration	GI
	enumeration	GU
	enumeration	HN
	enumeration	IR
	enumeration	MI
	enumeration	MK
	enumeration	NR
	enumeration	OB
	enumeration	OI
	enumeration	OT
	enumeration	PD
	enumeration	QI
	enumeration	RS
	enumeration	VI

Element elements



Element element

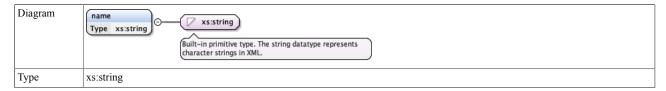
Annota	itions	Each da	ta el	lement	has	a unique	identifier	of t	he	format	"RDE[0-9]+"	(e.g.,	"RDE54")	and	a text	ual
		name.														



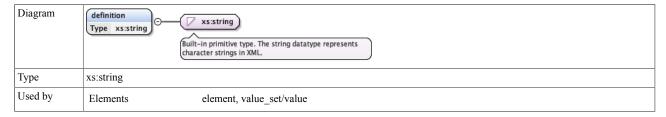
Element element / id

Diagram	Type Restriction of 'xs:string' ○ restricts: xs:string ⊙				
Type	restriction of xs:string				
Facets	pattern	RDE\d+			

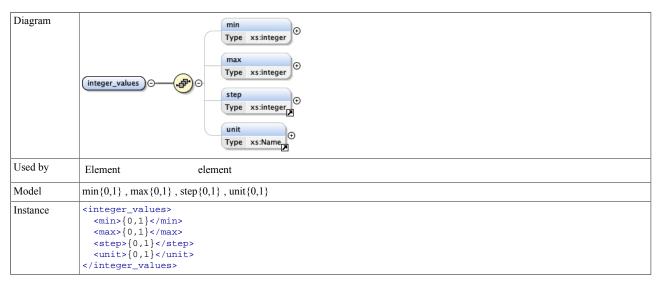
Element element / name



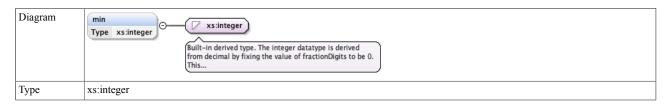
Element definition



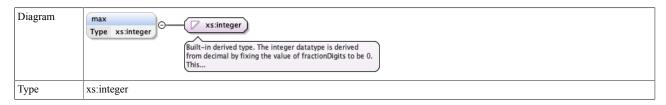
Element integer_values



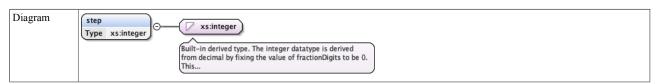
Element integer_values / min



Element integer_values / max

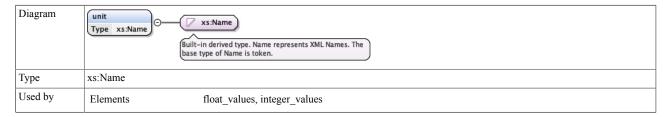


Element step

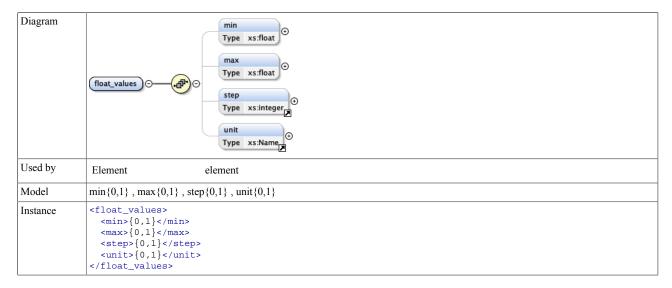


Type	xs:integer	
Used by	Elements	float_values, integer_values

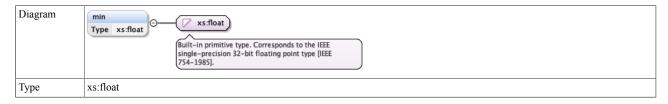
Element unit



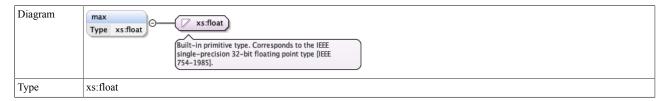
Element float_values



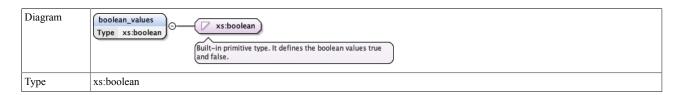
Element float_values / min



Element float_values / max

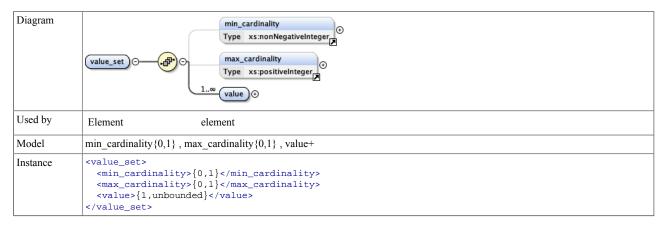


Element boolean_values

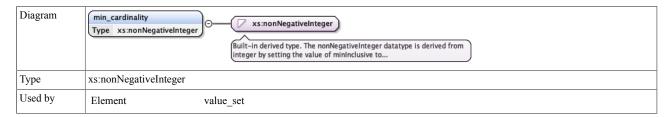


Used by Element element

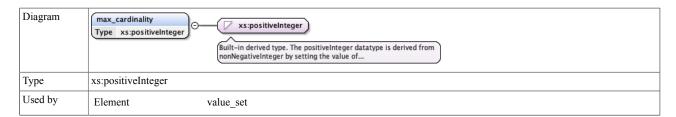
Element value_set



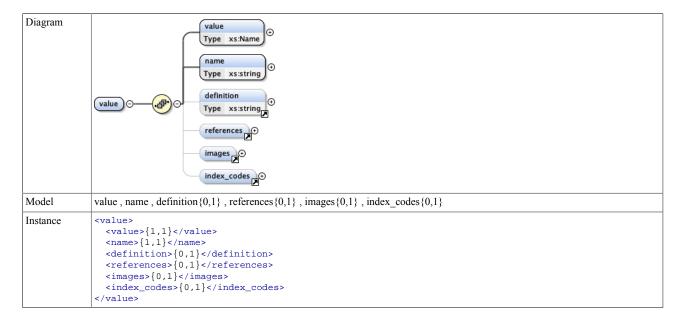
Element min_cardinality



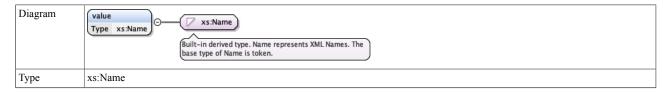
Element max_cardinality



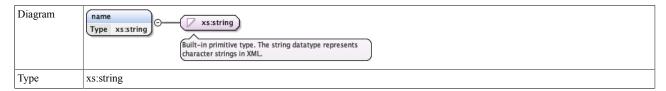
Element value_set / value



Element value_set / value / value

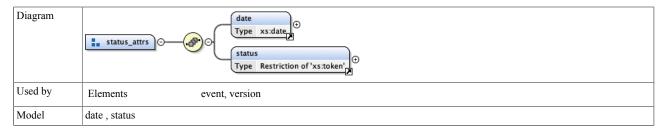


Element value_set / value / name



Element Group(s)

Element Group status_attrs



Element Group history

