# Schema documentation for CDE\_schema.xsd

june 3, 2020

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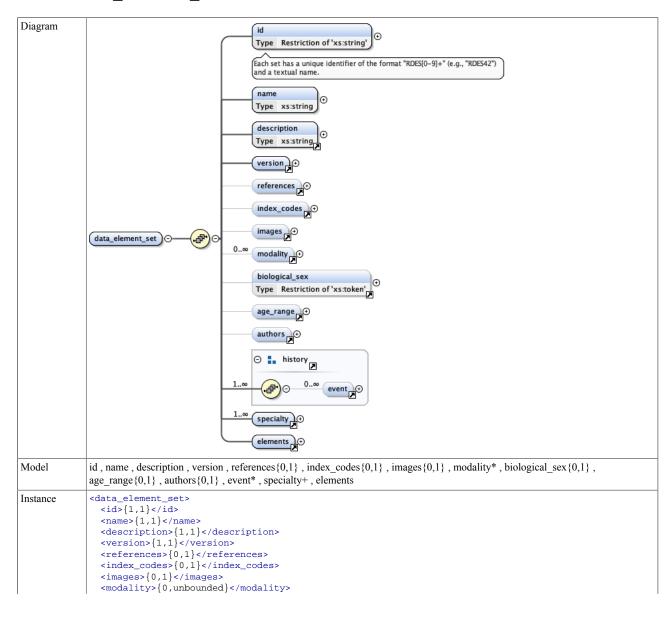
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# Schema(s)

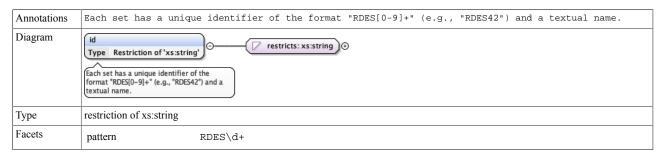
# Main schema CDE\_schema.xsd

# Element(s)

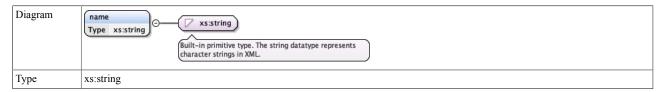
# Element data\_element\_set



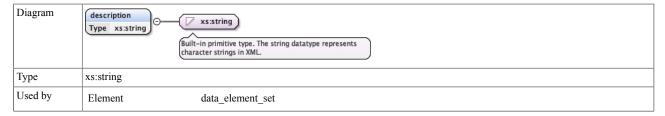
# Element data\_element\_set / id



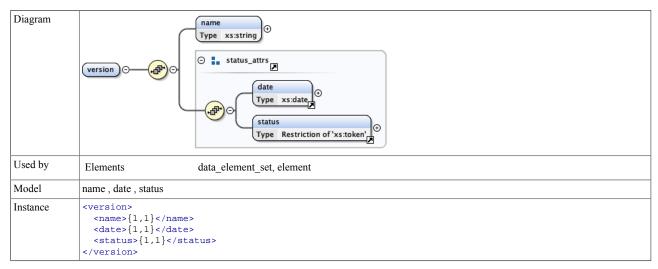
#### Element data\_element\_set / name



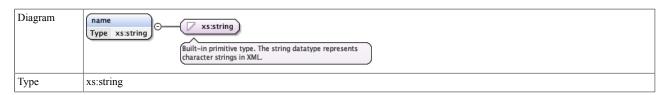
#### Element description



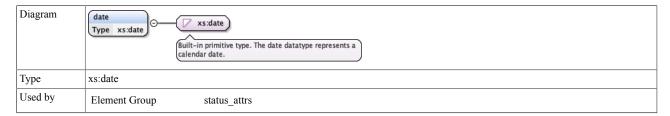
#### Element version



# Element version / name



#### Element date



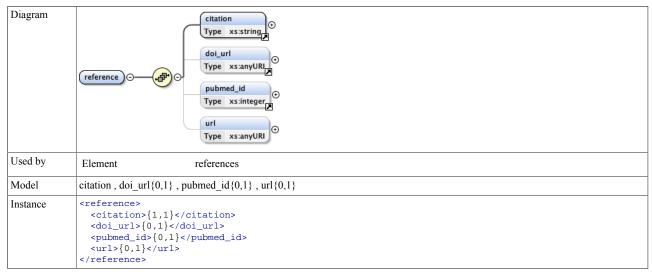
## Element status

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

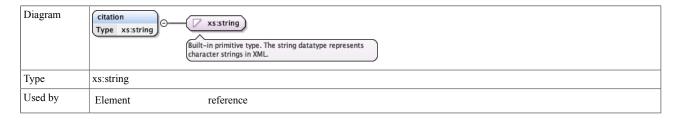
## **Element** references

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>

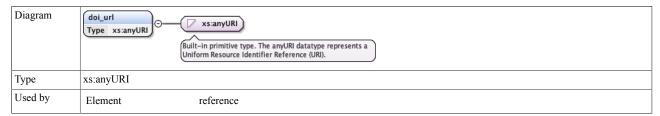
#### Element reference



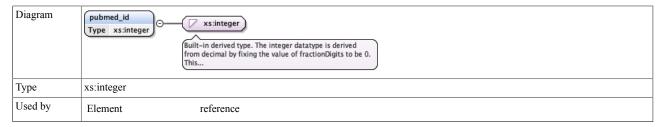
## Element citation



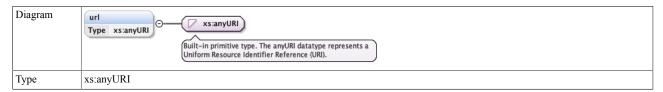
#### Element doi\_url



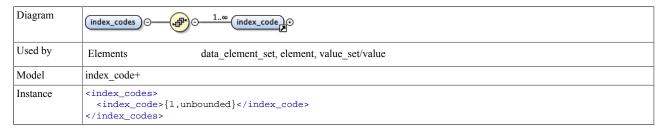
#### Element pubmed\_id



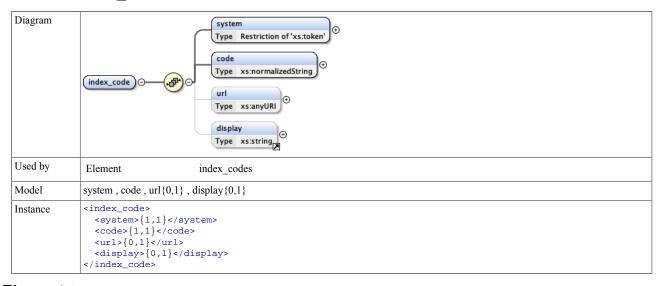
#### Element reference / url



# Element index\_codes



# Element index\_code

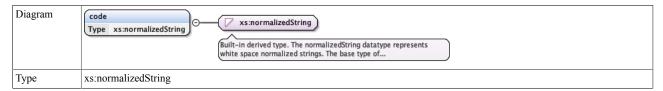


#### Element index\_code / system

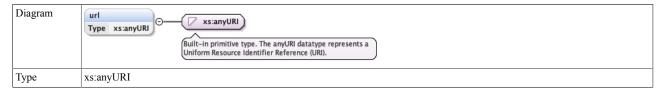


Type	restriction of xs:token	estriction of xs:token						
Facets	enumeration	RADLEX						
	enumeration	SNOMEDCT						
	enumeration	LOINC						

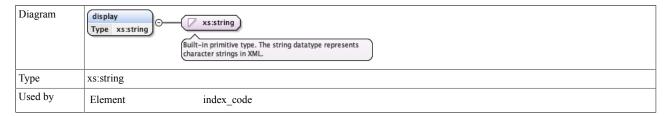
# Element index\_code / code



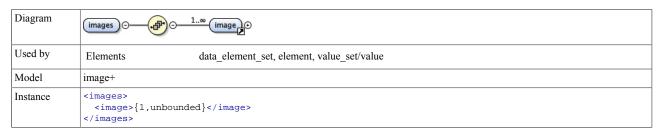
# Element index\_code / url



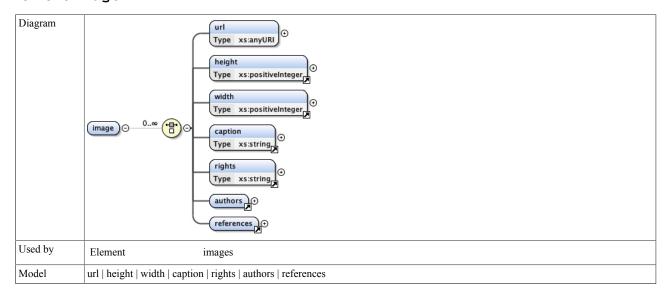
#### Element display



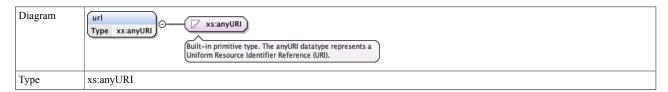
#### Element images



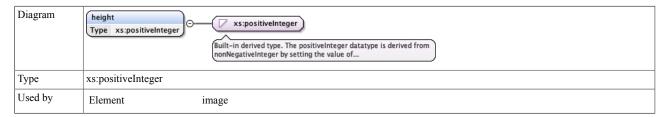
#### Element image



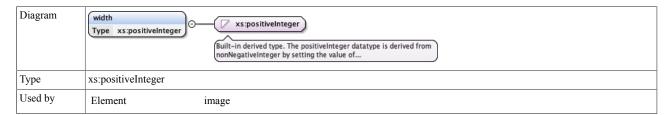
# Element image / url



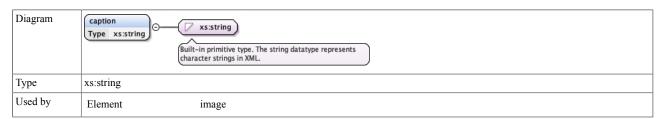
#### Element height



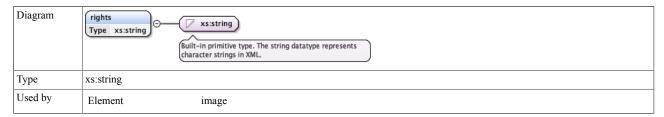
#### Element width



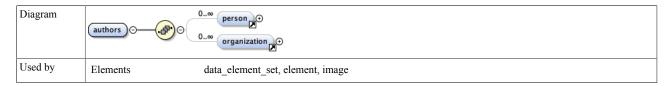
## Element caption



#### Element rights

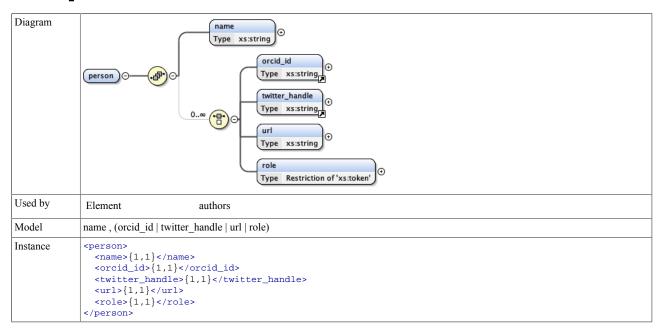


#### Element authors

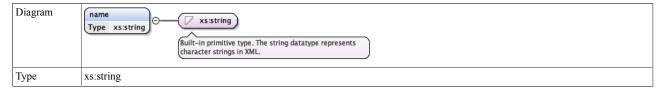


Model	person*, organization*
Instance	<pre><authors>   <person>{0,unbounded}</person>   <organization>{0,unbounded}</organization> </authors></pre>

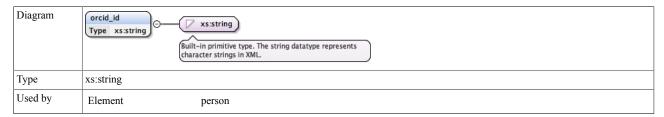
#### Element person



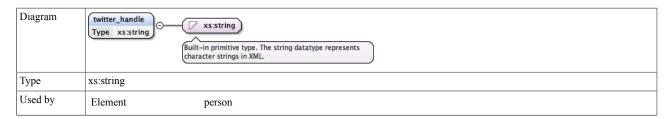
#### Element person / name



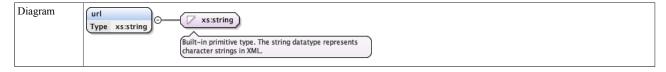
#### Element orcid\_id



# Element twitter\_handle



# Element person / url

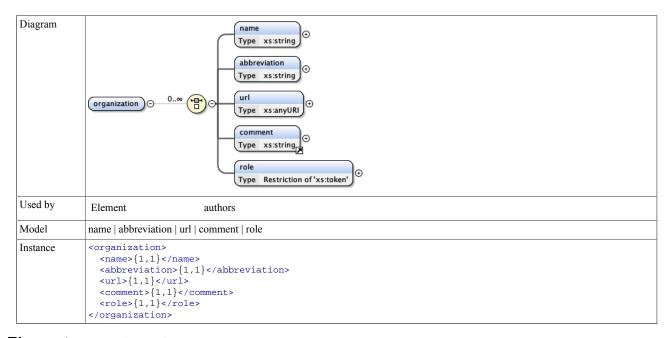


Type xs:string

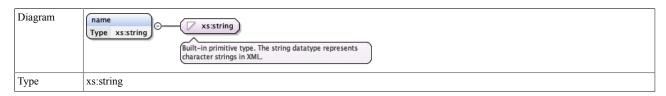
## Element person / role

Diagram	Type Restriction of 'xs:toke	role  Type Restriction of 'xs:token'   ○ restricts: xs:token   ○ restricts: xs:token						
Type	restriction of xs:token	striction of xs:token						
Facets	enumeration	author						
	enumeration	editor						
	enumeration	translator						
	enumeration	reviewer						
	enumeration	contributor						

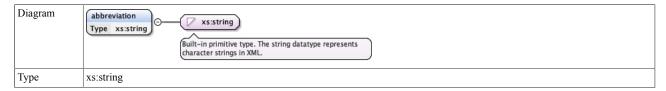
## Element organization



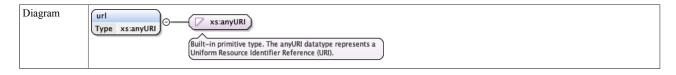
## Element organization / name



## Element organization / abbreviation

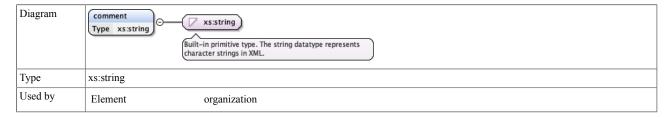


#### Element organization / url

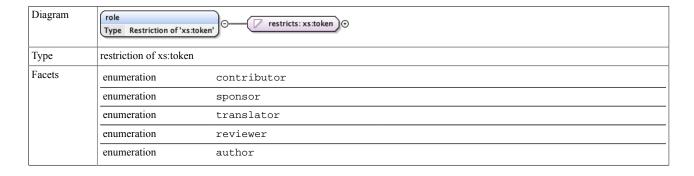


Type xs:anyURI

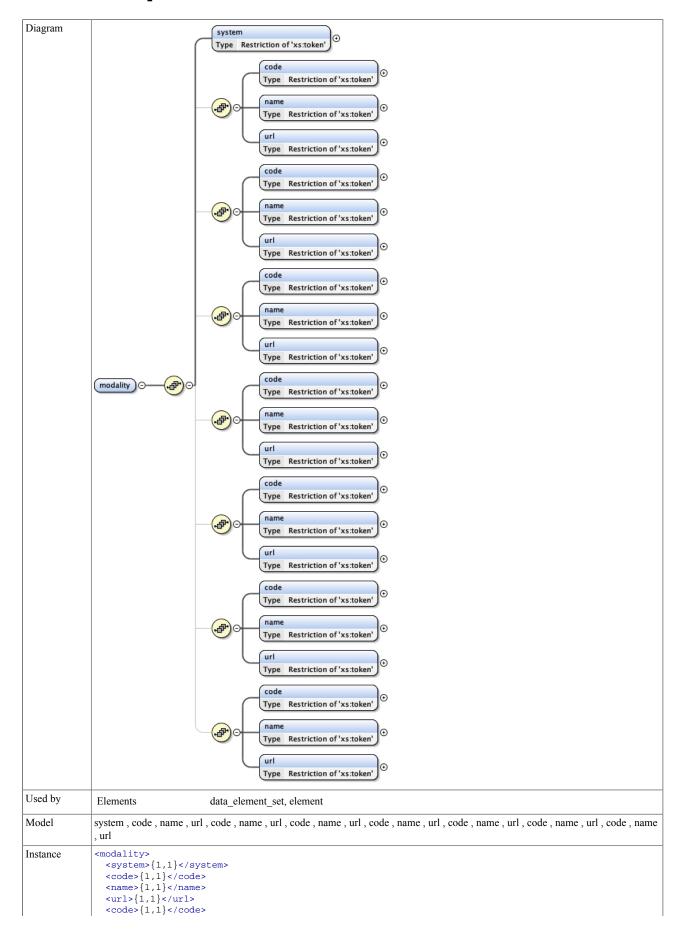
# Element comment



# Element organization / role

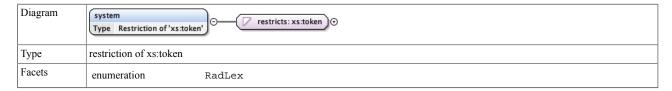


## Element modality

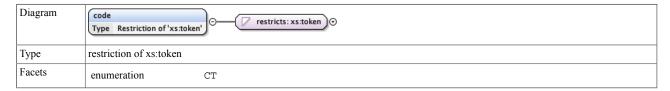


```
<name>{1,1}</name>
 <url>{1,1}</url>
 <code>{1,1}</code>
 < name > \{1, 1\} < / name >
 <url>{1,1}</url>
 <code>{1,1}</code>
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 <url>{1,1}</url>
 <code>{1,1}</code>
 < name > \{1, 1\} < / name >
 <url>{1,1}</url>
 <code>{1,1}</code>
 < name > \{1,1\}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

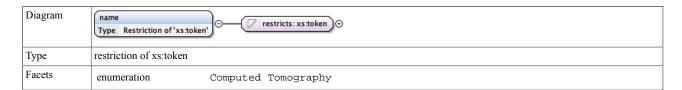
#### Element modality / system



## Element modality / code



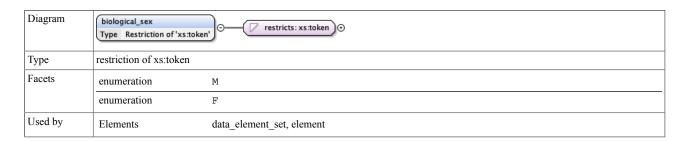
#### Element modality / name



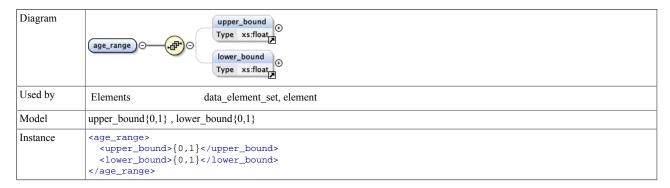
## Element modality / url



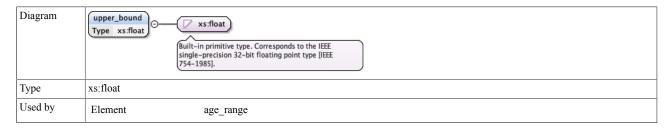
## Element biological\_sex



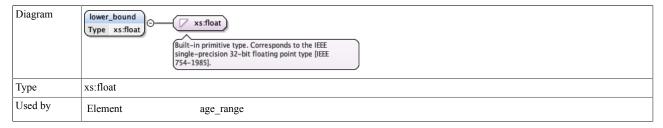
## Element age\_range



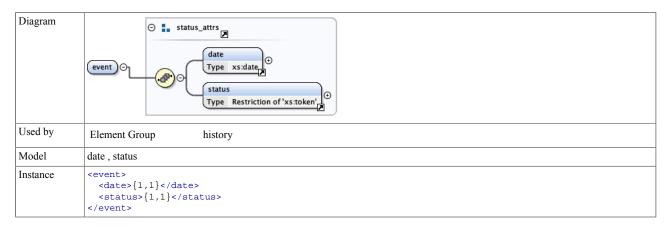
# Element upper\_bound



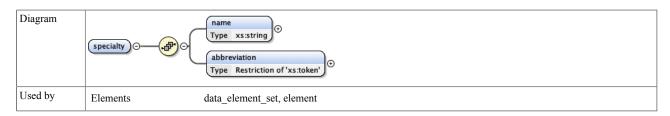
#### Element lower\_bound



#### Element event

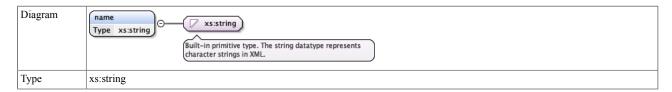


## Element specialty



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

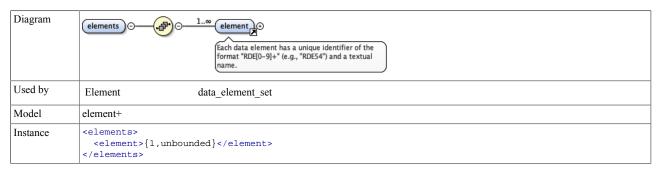
# Element specialty / name



## Element specialty / abbreviation

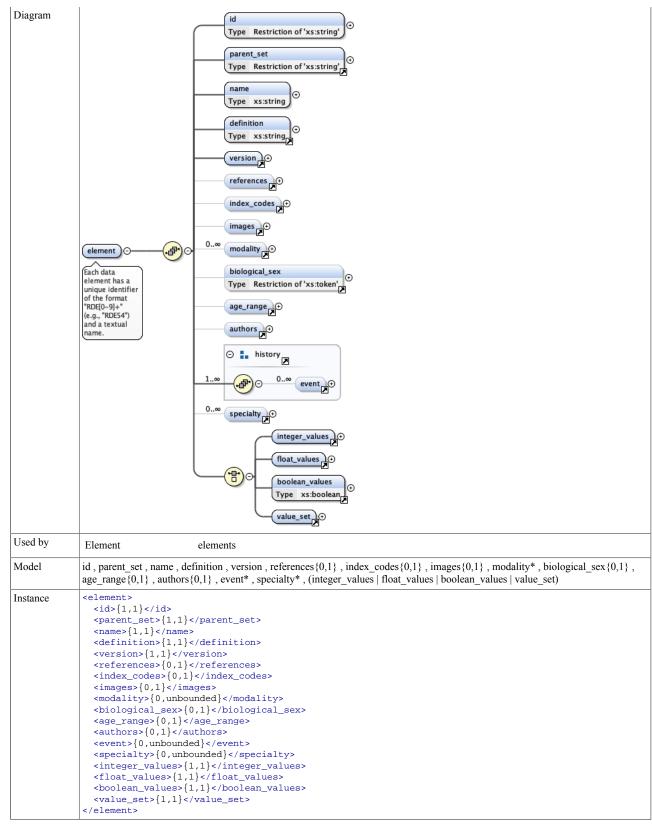
Diagram	abbreviation Type Restriction of 'x	ss:token¹
Type	restriction of xs:toke	en
Facets	enumeration	AB
	enumeration	BR
	enumeration	CA
	enumeration	СН
	enumeration	ER
	enumeration	GI
	enumeration	GU
	enumeration	HN
	enumeration	IR
	enumeration	MI
	enumeration	MK
	enumeration	NR
	enumeration	OB
	enumeration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



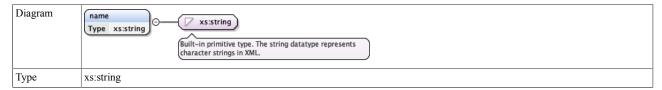
# Element element / id

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

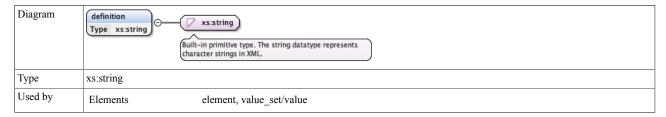
## Element parent\_set

Diagram	parent_set Type Restriction of 'xs:strin	g' ⊖ restricts: xs:string ) ⊙				
Type	restriction of xs:string	estriction of xs:string				
Facets	pattern	RDES\d+				
Used by	Element	element				

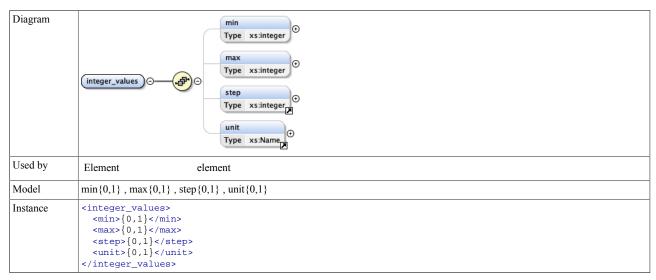
#### Element element / name



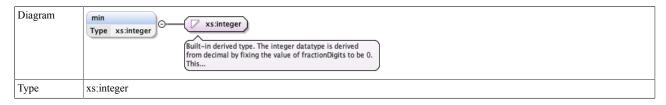
## Element definition



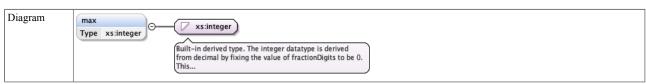
#### Element integer\_values



# Element integer\_values / min

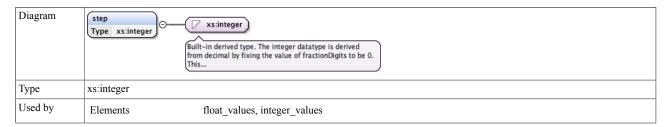


# Element integer\_values / max

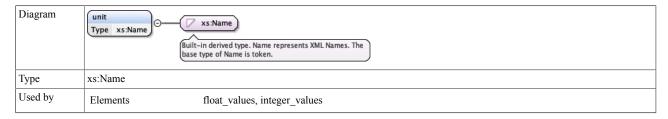


Type xs:integer

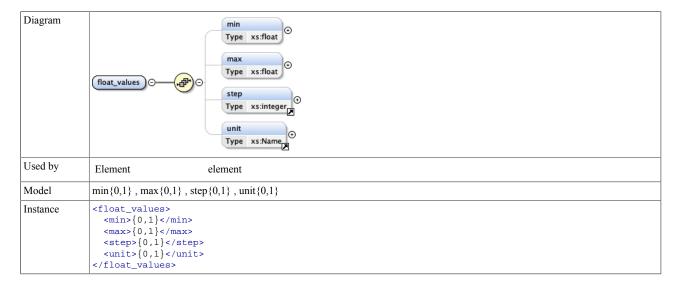
#### Element step



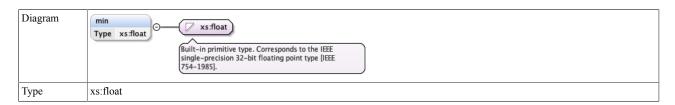
# Element unit



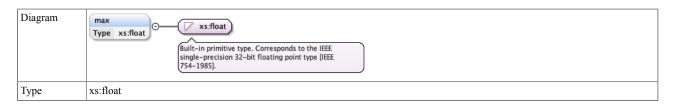
# Element float\_values



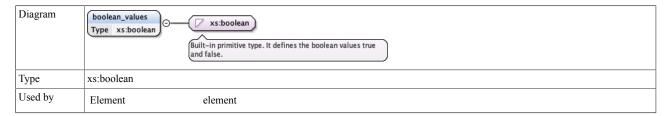
#### Element float\_values / min



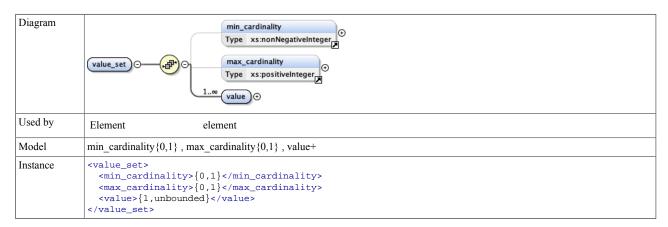
## Element float\_values / max



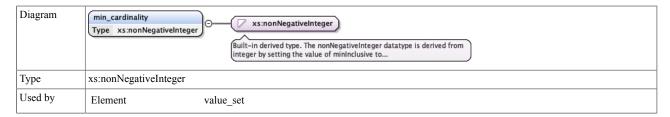
#### Element boolean\_values



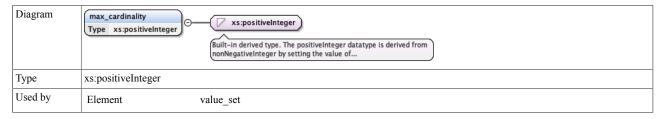
# Element value\_set



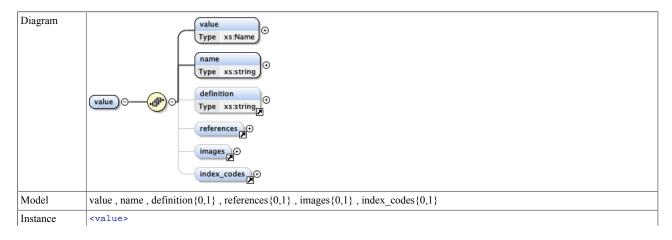
# Element min\_cardinality



#### Element max\_cardinality

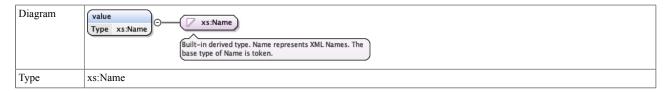


#### Element value\_set / value

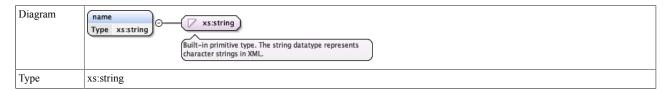


```
<value>{1,1}</value>
<name>{1,1}</name>
<definition>{0,1}</definition>
<references>{0,1}</references>
<images>{0,1}</images>
<index_codes>{0,1}</index_codes>
</value>
```

## Element value\_set / value / value

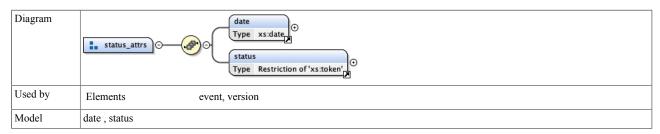


#### Element value\_set / value / name



# **Element Group(s)**

# Element Group status\_attrs



# Element Group history

