# Schema documentation for CDE\_schema.xsd

june 3, 2020

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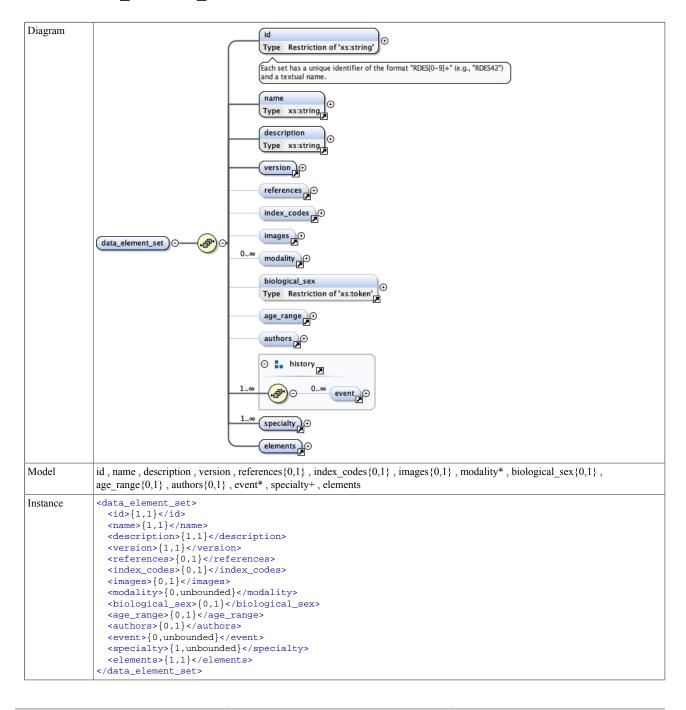
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## Schema(s)

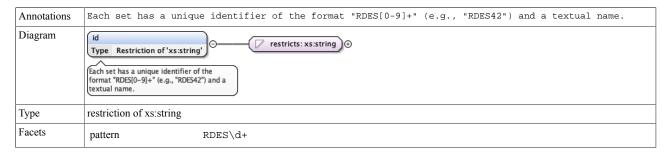
Main schema CDE\_schema.xsd

## Element(s)

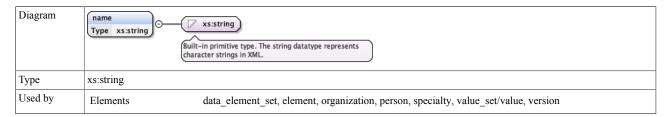
#### Element data\_element\_set



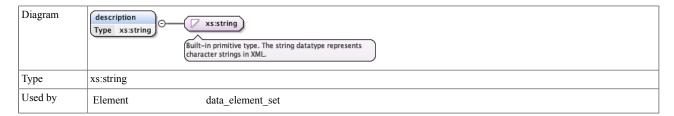
#### Element data\_element\_set / id



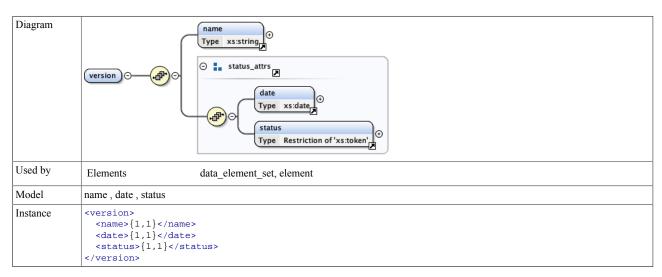
#### Element name



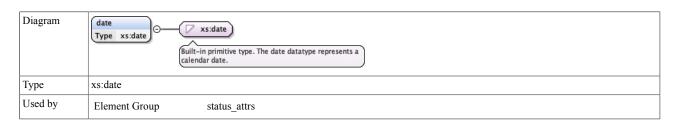
#### Element description



#### Element version



## Element date



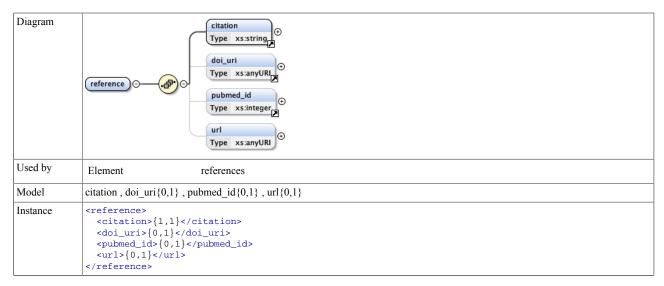
#### Element status

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

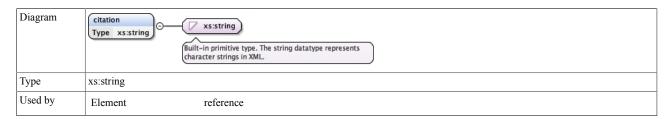
#### **Element** references

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

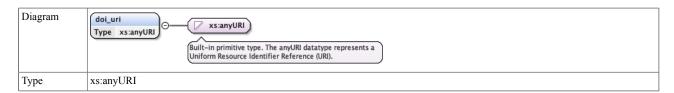
#### Element reference



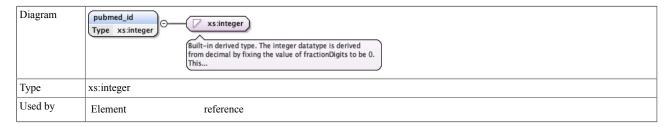
#### Element citation



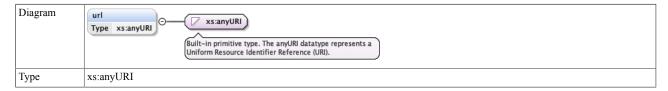
#### Element doi\_uri



#### Element pubmed\_id



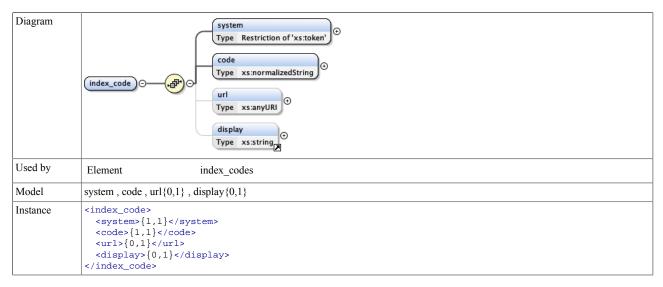
#### Element reference / url



#### Element index\_codes

Diagram	index_codes ⊙ 1∞ index_code ⊙	
Used by	Elements data_element_set, element, value_set/value	
Model	index_code+	
Instance	<index_codes> <index_code>{1,unbounded}</index_code> </index_codes>	

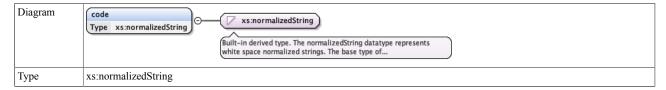
#### Element index\_code



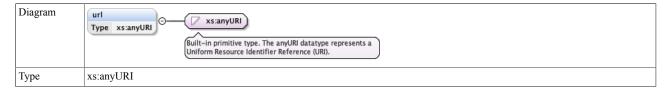
#### Element index\_code / system

Diagram	System     O	
Туре	restriction of xs:token	
Facets	enumeration	RADLEX
	enumeration	SNOMEDCT
	enumeration	LOINC

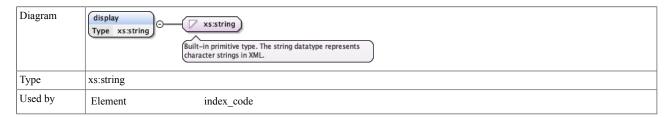
#### Element index\_code / code



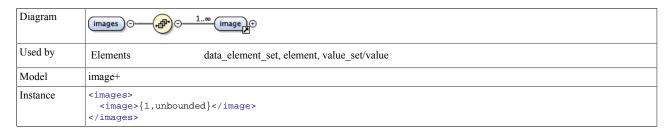
#### Element index\_code / url



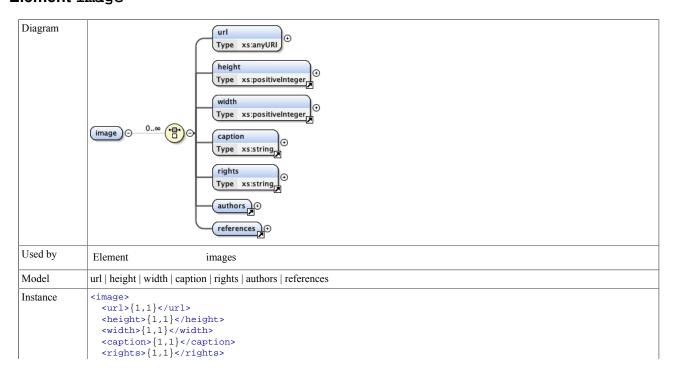
## Element display



#### Element images

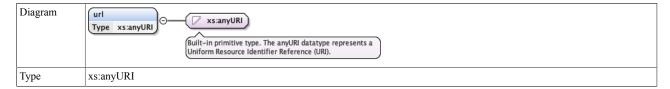


#### Element image

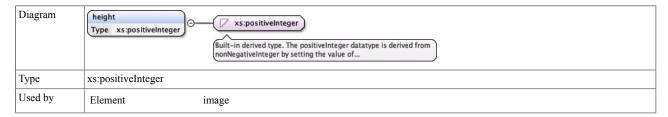


```
<authors>{1,1}</authors>
  <references>{1,1}</references>
</image>
```

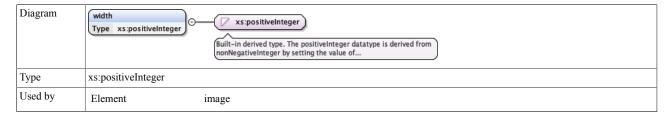
#### Element image / url



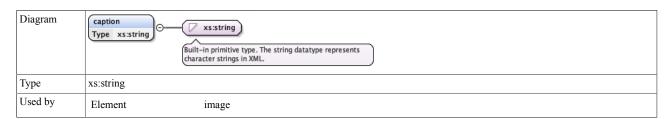
#### Element height



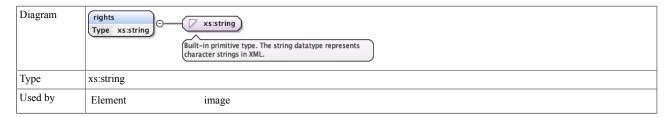
#### Element width



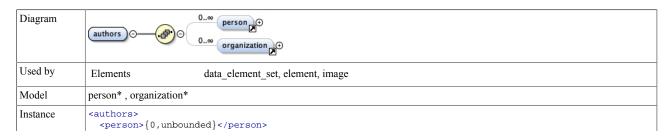
#### Element caption



#### Element rights

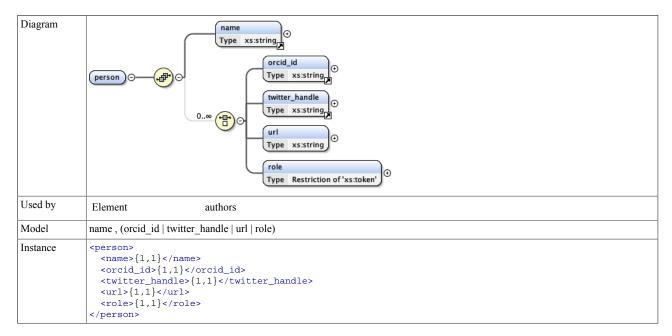


#### Element authors

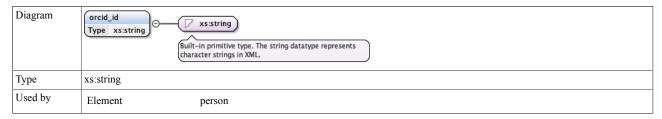


```
<organization>{0,unbounded}</organization>
</authors>
```

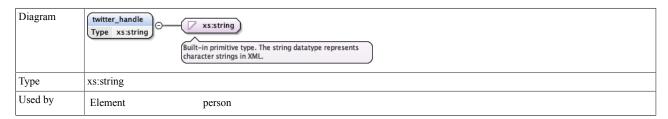
#### Element person



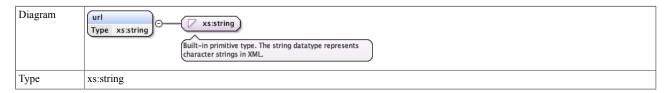
#### Element orcid\_id



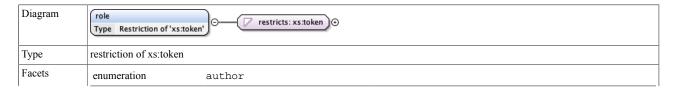
## Element twitter\_handle



#### Element person / url

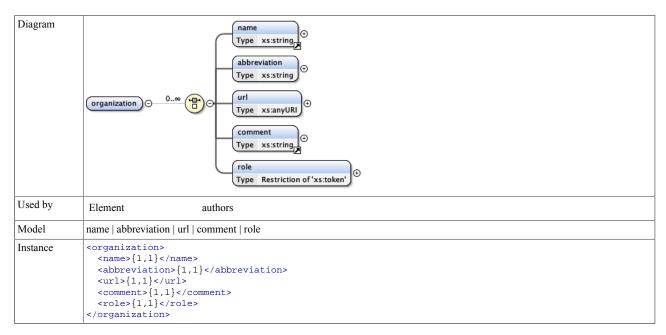


#### Element person / role

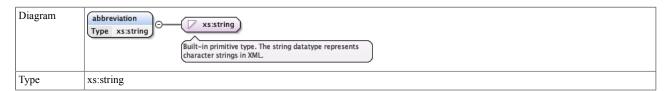


er	numeration	editor
er	numeration	translator
er	numeration	reviewer
er	numeration	contributor

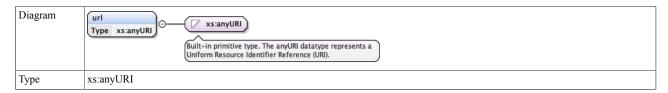
#### Element organization



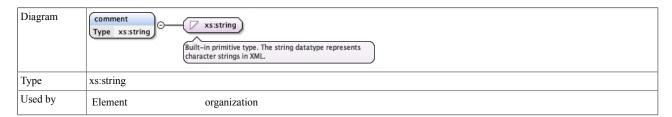
#### Element organization / abbreviation



#### Element organization / url



#### Element comment

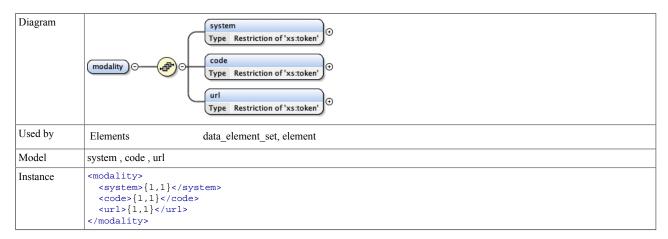


#### Element organization / role



Facets	enumeration	contributor
	enumeration	sponsor
	enumeration	translator
	enumeration	reviewer
	enumeration	author

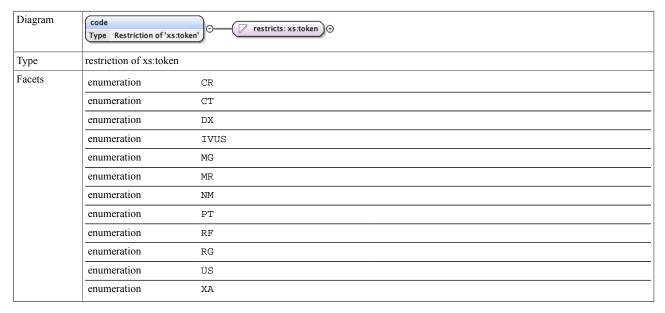
#### Element modality



## Element modality / system

Diagram	System Type Restriction of 'xs:toke	n' ⊙ restricts: xs:token ) ⊙	
Type	restriction of xs:token		
Facets	enumeration	DICOM	

#### Element modality / code



#### Element modality / url

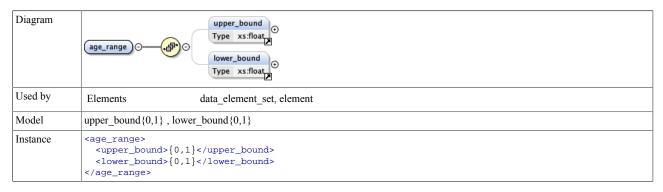


Facets	enumeration	http://dicom.nema.org/ medical/dicom/ current/output/html/	
		part03.html#sect_C.7.3.1.1.1	

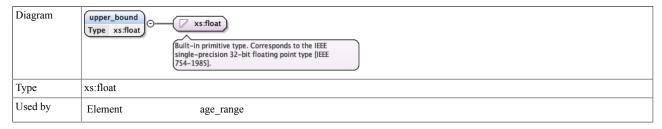
#### Element biological\_sex

Diagram	biological_sex Type Restriction of 'xs:token'  ○ restricts: xs:token  ○	
Type	restriction of xs:token	
Facets	enumeration	М
	enumeration	F
Used by	Elements	data_element_set, element

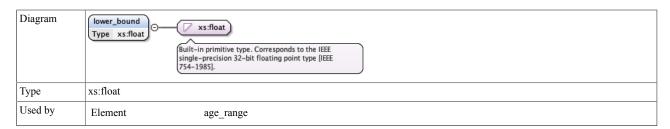
#### Element age\_range



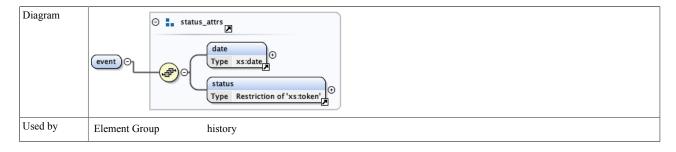
## Element upper\_bound



### Element lower\_bound

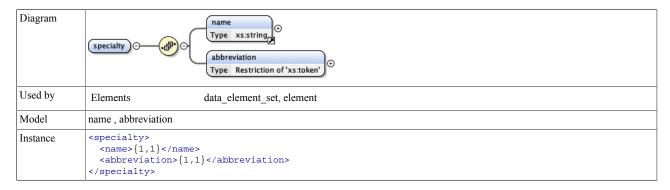


#### Element event



Model	date , status
Instance	<pre><event>     <date>{1,1}</date>     <status>{1,1}</status> </event></pre>

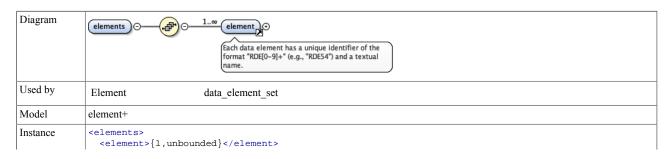
#### Element specialty



## **Element** specialty / abbreviation

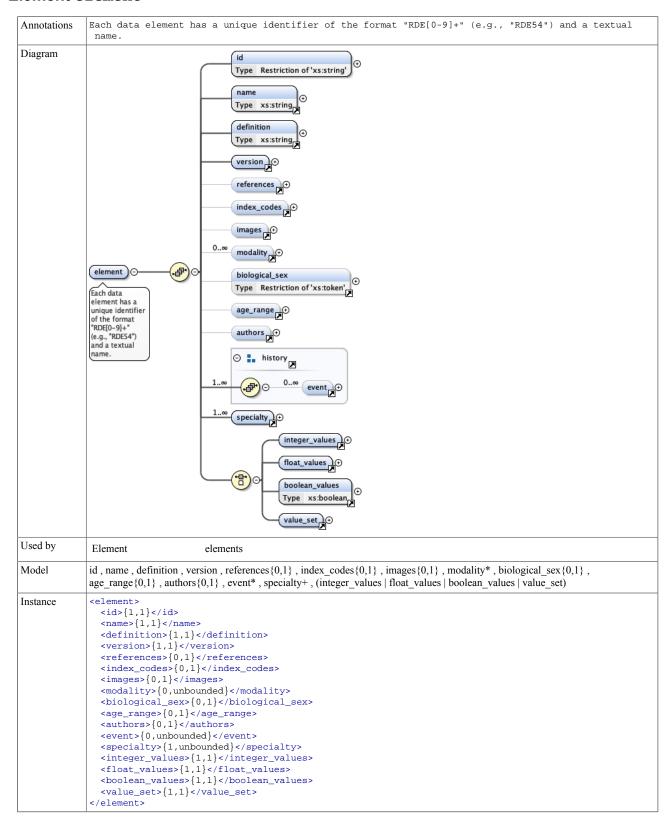
Diagram	abbreviation Type Restriction of	cs:token' ○ restricts: xs:token ) ⊙			
Type	restriction of xs:token				
Facets	enumeration	AB			
	enumeration	BR			
	enumeration	CA			
	enumeration	СН			
	enumeration	ER			
	enumeration	GI			
	enumeration	GU			
	enumeration	HN			
	enumeration	IR			
	enumeration	MI			
	enumeration	MK			
	enumeration	NR			
	enumeration	OB			
	enumeration	OI			
	enumeration	OT			
	enumeration	PD			
	enumeration	QI			
	enumeration	RS			
	enumeration	VI			

#### Element elements



</elements>

#### Element element

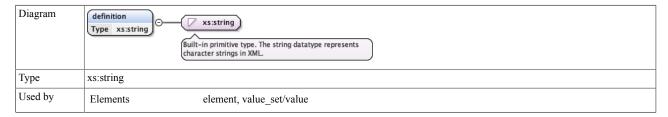


#### Element element / id

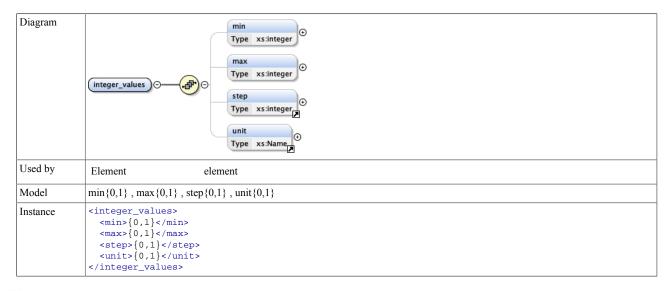


Ту	pe	restriction of xs:string		
Fa	cets	pattern	RDE\d+	

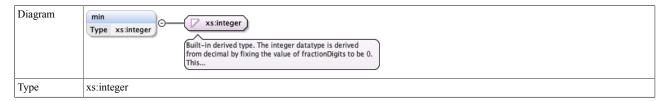
#### Element definition



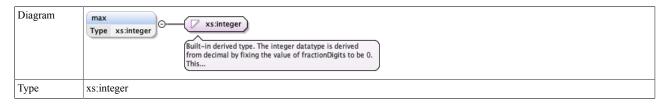
#### Element integer\_values



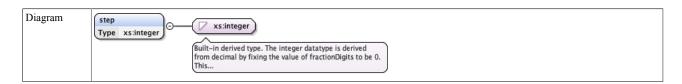
## Element integer\_values / min



#### Element integer\_values / max

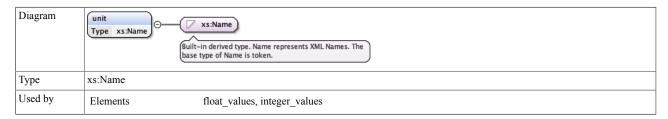


#### Element step

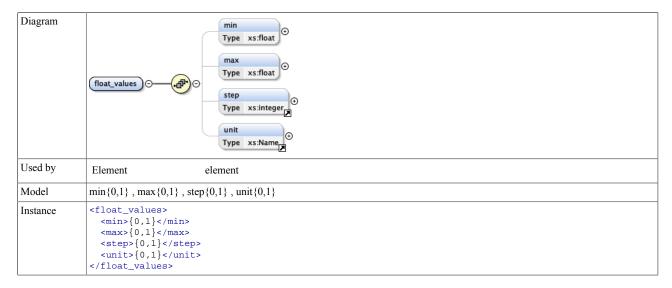


Type	xs:integer	
Used by	Elements	float_values, integer_values

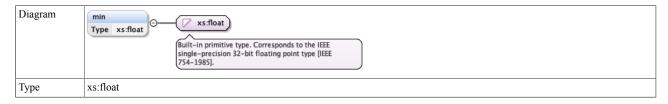
#### Element unit



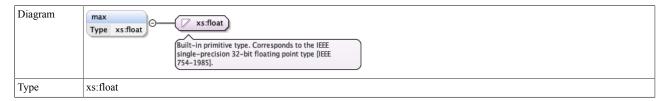
#### Element float\_values



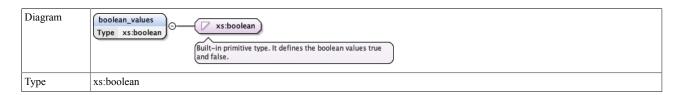
#### Element float\_values / min



#### Element float\_values / max

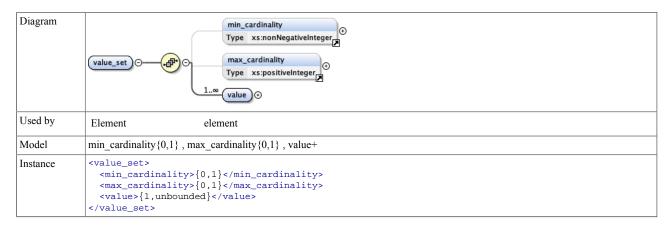


#### Element boolean\_values

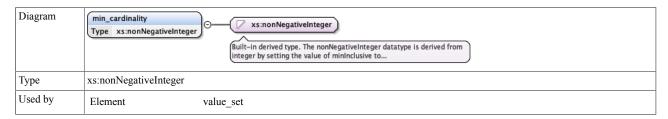


Used by Element element

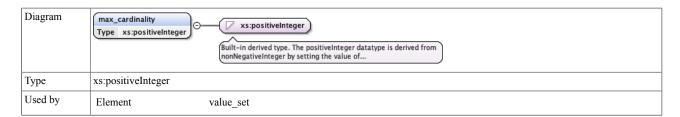
#### Element value\_set



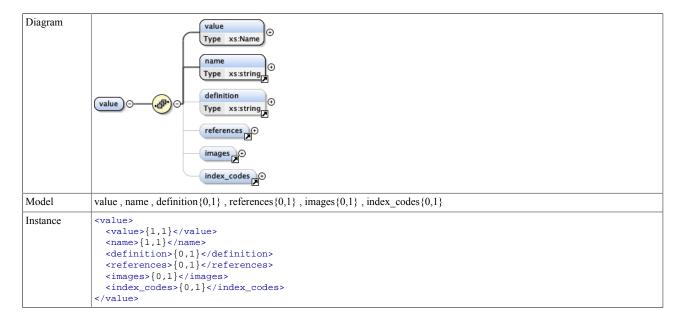
#### Element min\_cardinality



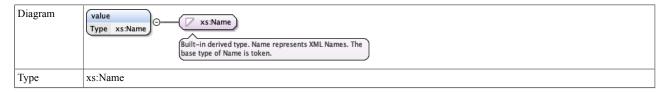
#### Element max\_cardinality



## Element value\_set / value

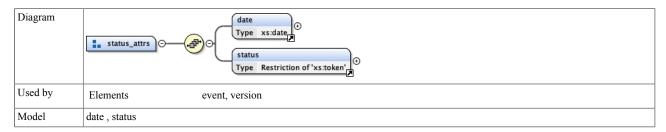


## Element value\_set / value / value



## **Element Group(s)**

## Element Group status\_attrs



## Element Group history

