Schema documentation for CDE_schema.xsd

april 10, 2020

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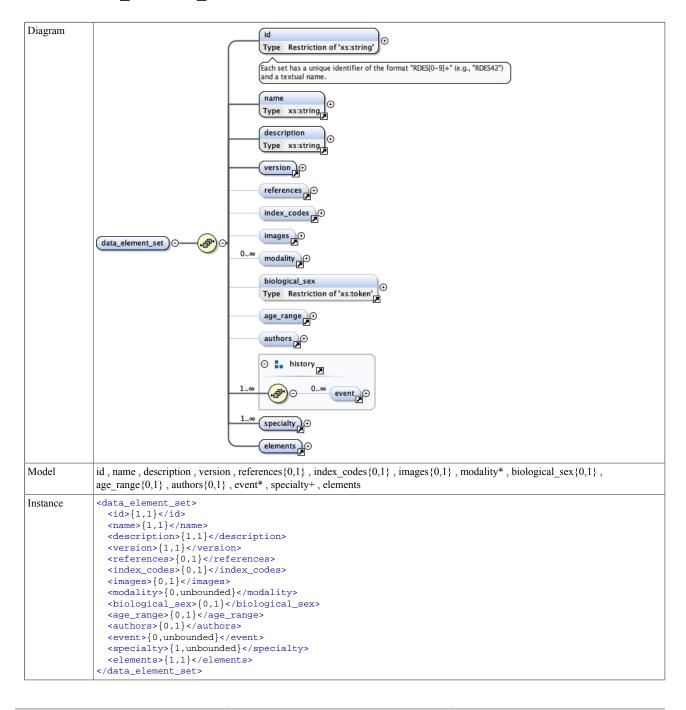
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Schema(s)

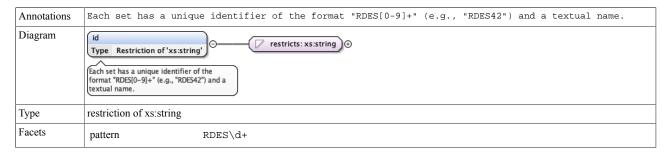
Main schema CDE_schema.xsd

Element(s)

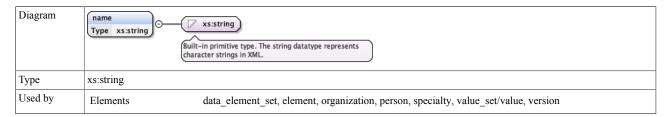
Element data_element_set



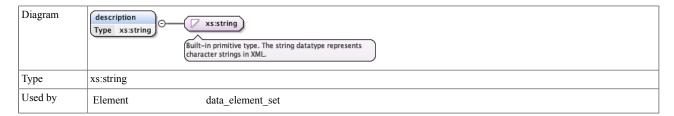
Element data_element_set / id



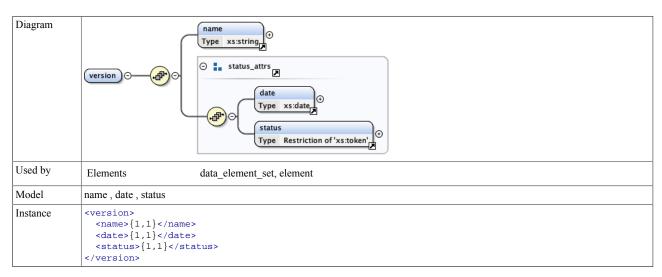
Element name



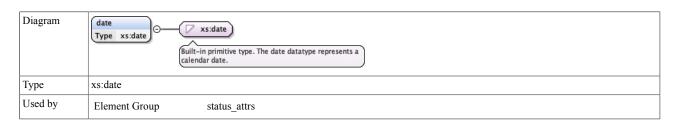
Element description



Element version



Element date



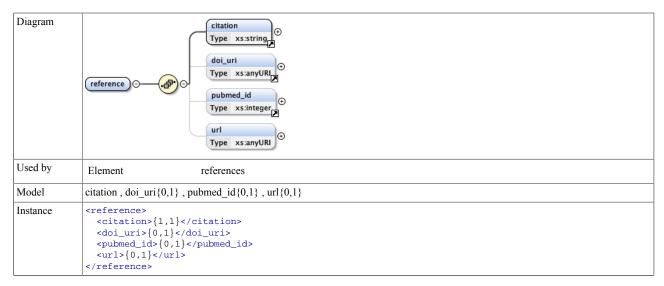
Element status

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

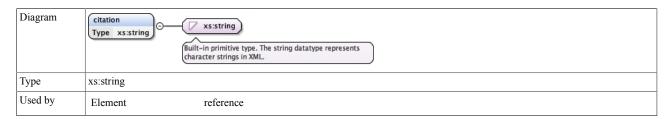
Element references

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

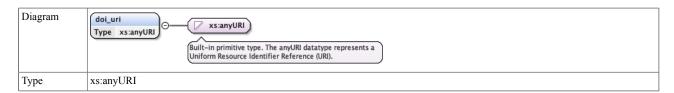
Element reference



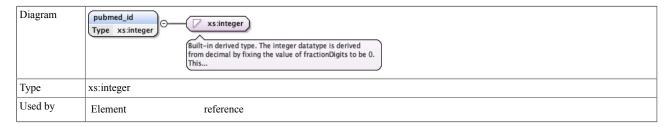
Element citation



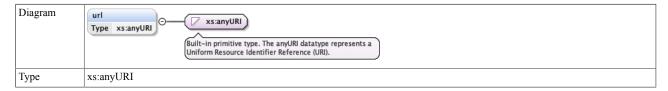
Element doi_uri



Element pubmed_id



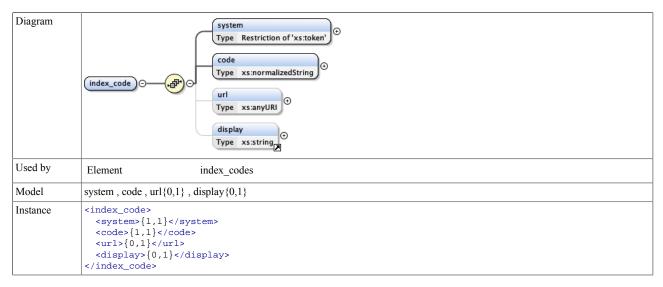
Element reference / url



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>	

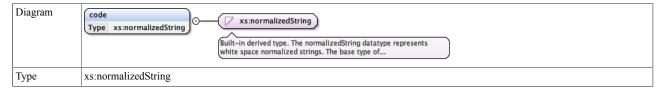
Element index_code



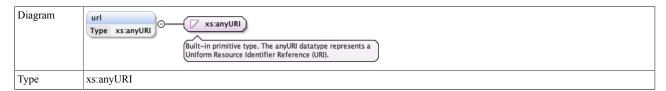
Element index_code / system

Diagram	System Type Restriction of 'xs:token' ○ restricts: xs:token ⊙	
Туре	restriction of xs:token	
Facets	enumeration	RADLEX
	enumeration	SNOMEDCT
	enumeration	LOINC

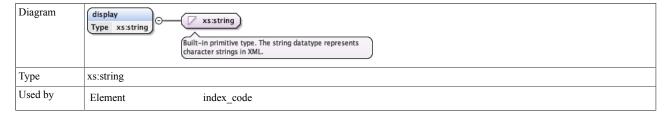
Element index_code / code



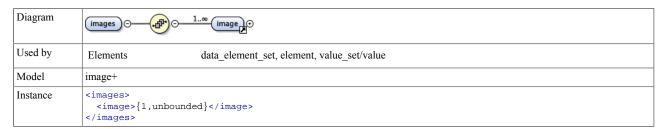
Element index_code / url



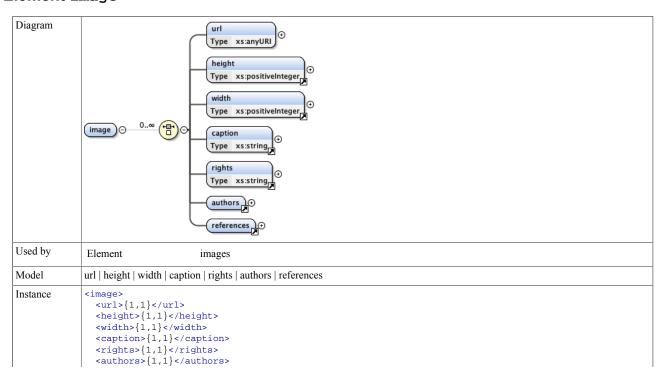
Element display



Element images

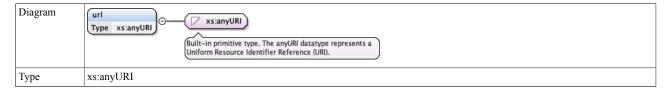


Element image

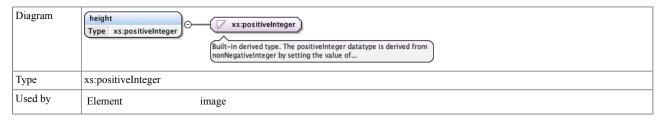


```
<references>{1,1}</references>
</image>
```

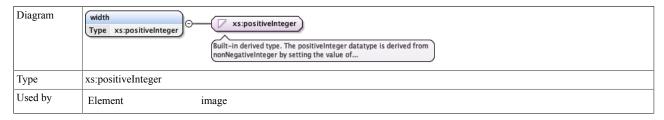
Element image / url



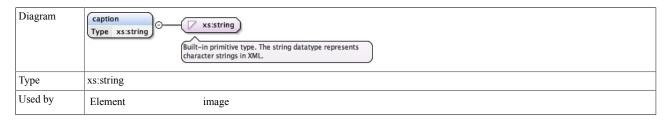
Element height



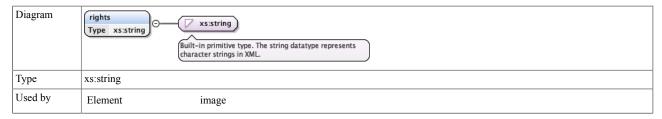
Element width



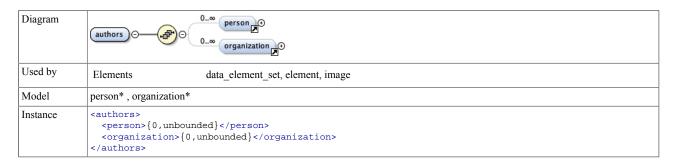
Element caption



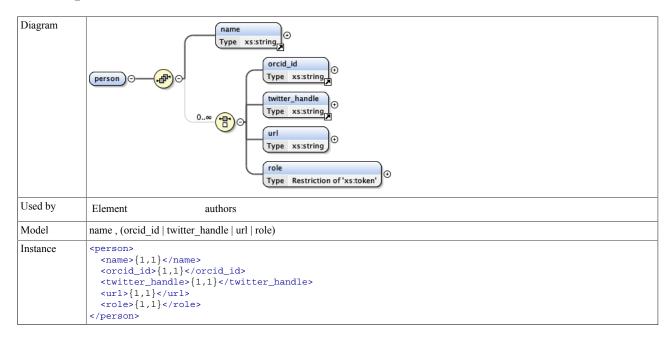
Element rights



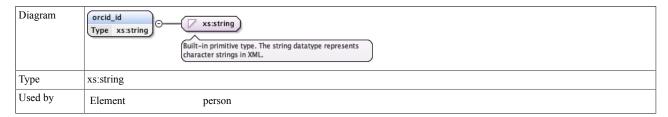
Element authors



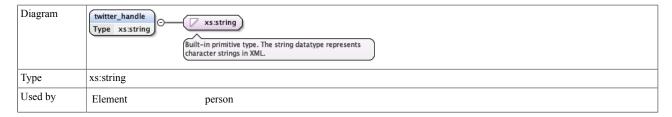
Element person



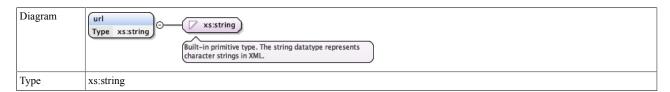
Element orcid_id



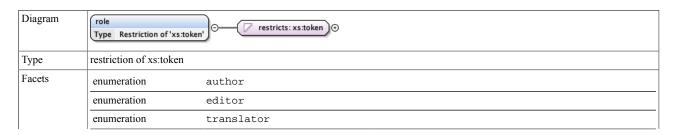
Element twitter_handle



Element person / url

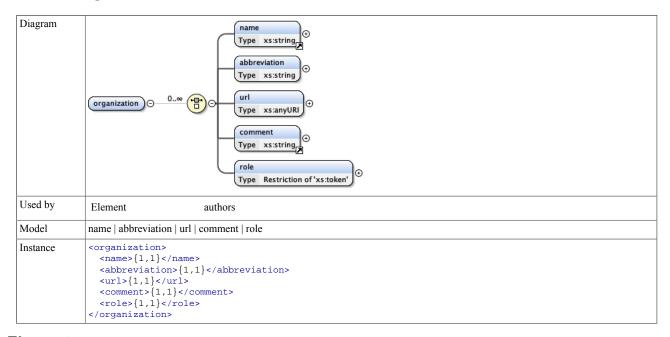


Element person / role

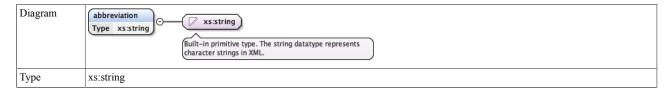


enumeration	reviewer
enumeration	contributor

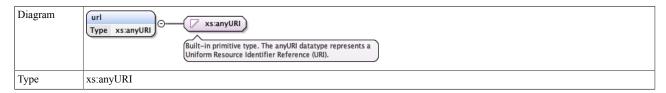
Element organization



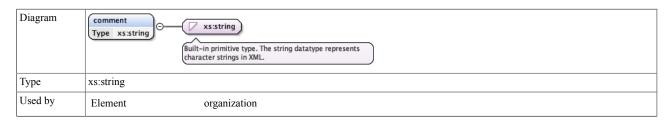
Element organization / abbreviation



Element organization / url



Element comment

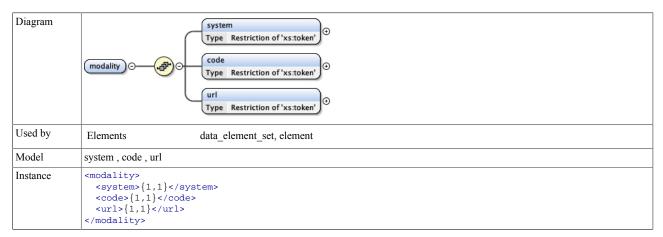


Element organization / role

Diagram	role Type Restriction of 'xs:toker	estriction of 'xs:token' ○ restricts: xs:token ⊙	
Туре	restriction of xs:token		
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

Diagram	Code Type Restriction of 'xs:	token¹ ○ restricts: xs:token)⊙
Туре	restriction of xs:toker	
Facets	enumeration	CR
	enumeration	CT
	enumeration	DX
	enumeration	IVUS
	enumeration	MG
	enumeration	MR
	enumeration	NM
	enumeration	PT
	enumeration	RF
	enumeration	RG
	enumeration	US
	enumeration	XA

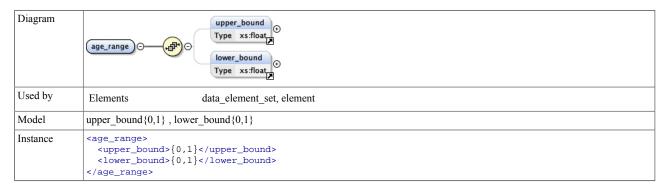
Element modality / url



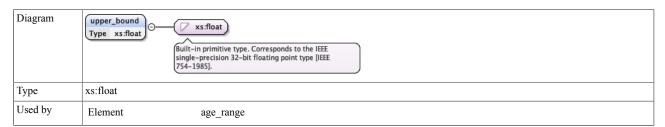
Element biological_sex

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

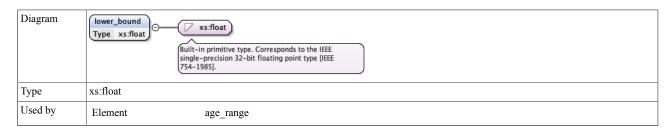
Element age_range



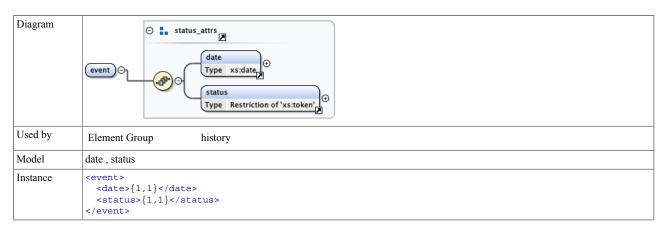
Element upper_bound



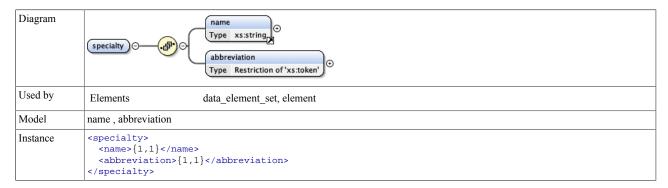
Element lower_bound



Element event



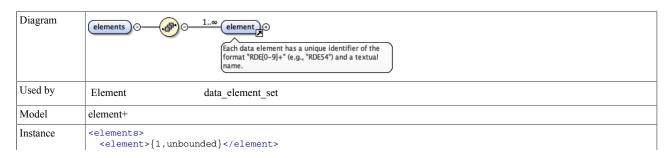
Element specialty



Element specialty / abbreviation

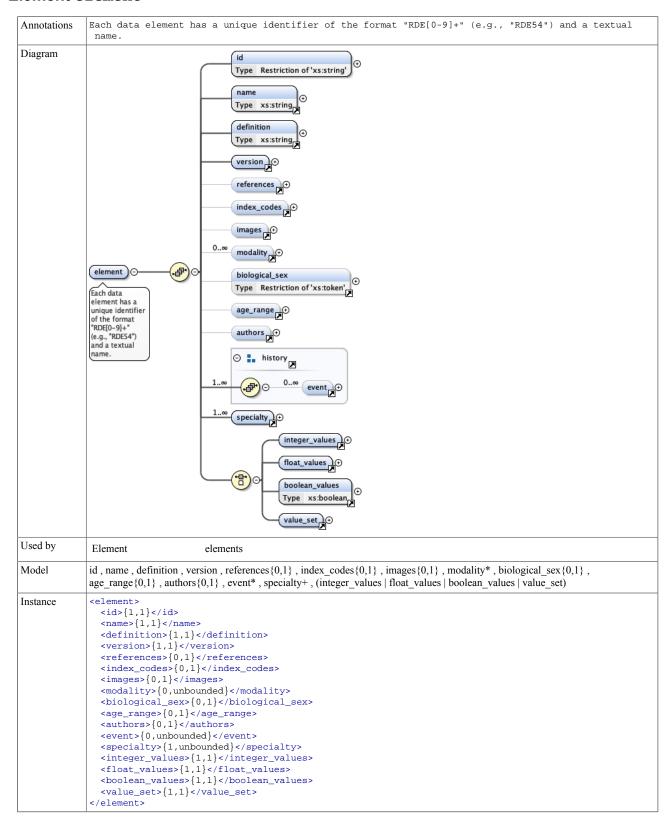
Diagram	abbreviation Type Restriction of 'x	ss:token¹
Туре	restriction of xs:toke	en
Facets	enumeration	AB
	enumeration	BR
	enumeration	CA
	enumeration	СН
	enumeration	CT
	enumeration	ER
	enumeration	GI
	enumeration	GU
	enumeration	ни
	enumeration	IR
	enumeration	MI
	enumeration	MK
	enumeration	MR
	enumeration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

Element elements



</elements>

Element element

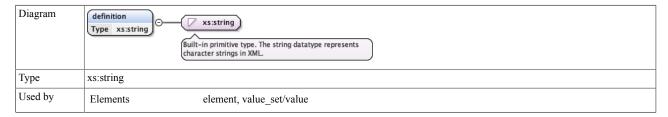


Element element / id

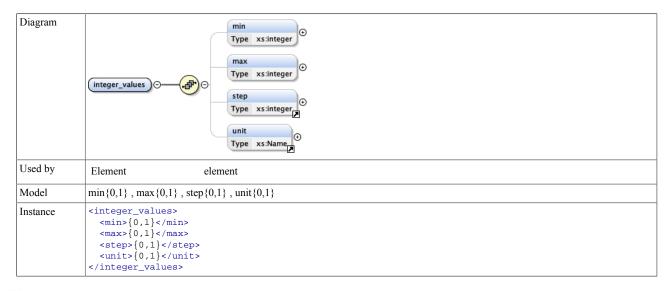


Ту	pe	restriction of xs:string	
Fa	cets	pattern	RDE\d+

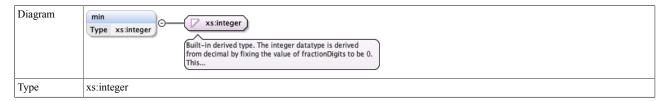
Element definition



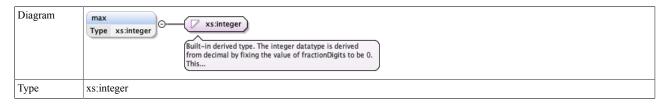
Element integer_values



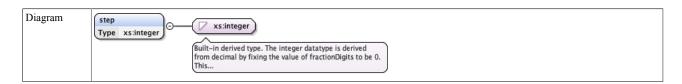
Element integer_values / min



Element integer_values / max

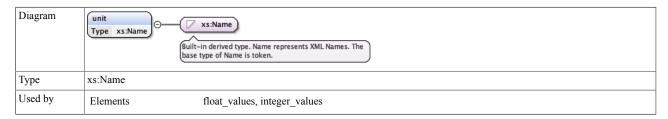


Element step

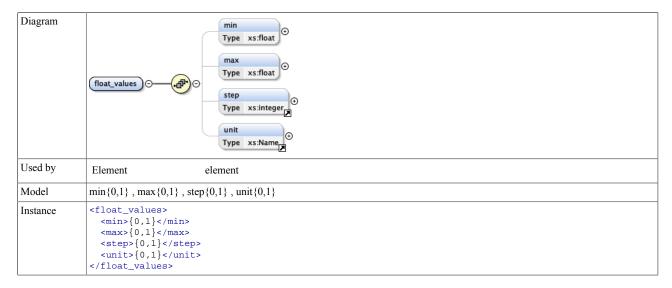


Type	xs:integer	
Used by	Elements	float_values, integer_values

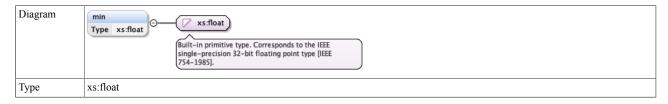
Element unit



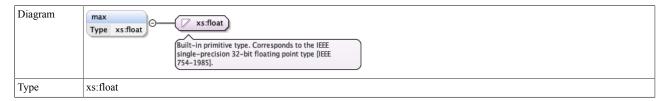
Element float_values



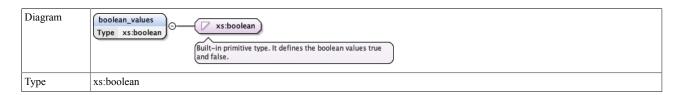
Element float_values / min



Element float_values / max

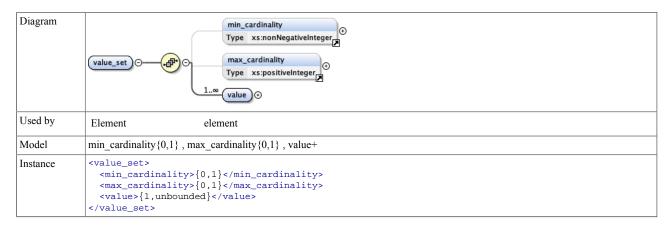


Element boolean_values

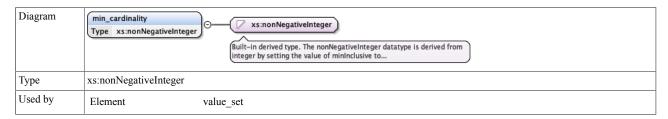


Used by Element element

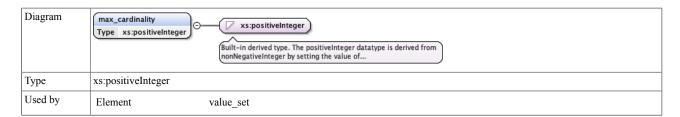
Element value_set



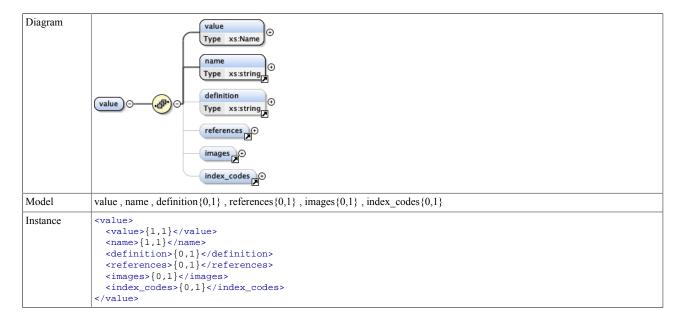
Element min_cardinality



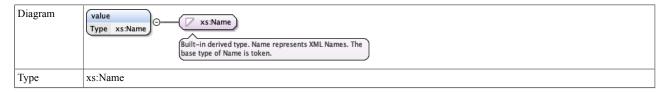
Element max_cardinality



Element value_set / value

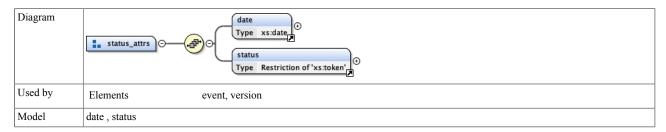


Element value_set / value / value



Element Group(s)

Element Group status_attrs



Element Group history

